

**MINUTES**

**637<sup>th</sup> MEETING**

**STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY-TAMIL NADU**

**Date: 11.07.2023**

**MINUTES OF THE 637<sup>th</sup> MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY HELD ON 11.07.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 636 <sup>th</sup> meeting of the Authority held on 10.07.2023.		The minutes of the 636 <sup>th</sup> meeting of the Authority held on 10.07.2023 was confirmed.
b)	The Action taken on the decisions of the 636 <sup>th</sup> meeting of the Authority held on 10.07.2023.		The Member Secretary informed that 636 <sup>th</sup> Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Gravel quarry lease area over an extent of 1.22.2 Ha at S.F.Nos. 758/11A2 & 11B of Ponnusangampatti Village and S.F.Nos. 523/1B, 1C, 2A3, 2A4, 4A, 4B, 4C1, 645/4B, 5B, 5C & 5A1 of Kannanoor Village, Thuraiyur Taluk, Tiruchirappalli District, Tamil Nadu by Thiru. P. Kalaiselvan - For Environmental Clearance.	9937	<p>The authority noted that the subject was appraised in 387<sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p><b>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 22,434 m<sup>3</sup> of Gravel upto an ultimate depth of mining upto 4m (2m AGL + 2m BGL) as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</b></p> <p>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O.</p>

  
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		<p>1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p> <ol style="list-style-type: none"> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</li> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also</li> </ol>
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			should be brought to the notice of concerned authorities during inspections.
2.	Proposed Quartz and Feldspar quarry lease area over an extent of 2.32.0 Ha at S.F.Nos. 691/A2, 691/B1 & 691/B2 of Kodanthur South Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru. S. Balamurugan - For Environmental Clearance.	9958	<p>The authority noted that the subject was appraised in 387th SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 4,33,532 Ts ROM which includes 3,03,472 Ts of recovery (70% recovery) and 1,30,060 Ts of rejects (30% rejects) with an ultimate depth of mining upto 25m BGL as per the mine plan approved by the Department of Geology &amp; Mining. The recovery of 70% consists of 1,82,083 Ts of Quartz (@60%) &amp; 1,21,389 Ts of Feldspar (@40%). This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The Environmental Clearance issued is only for the 70% recovery of 3,03,472 Ts. The</li> </ol>

  
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		<p>rejects/wastes should be stored/dumped in the earmarked area within the project site and should be used for mine closure activities.</p> <ol style="list-style-type: none"> <li>3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</li> <li>4. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>5. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>6. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>7. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also</li> </ol>
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			should be brought to the notice of concerned authorities during inspections.
3.	Proposed rough stone & gravel Quarry over an extent of 4.74.0 Ha SF.No. 14(p), 28/2B(p), Irukkandurai Part II Village, Radhapuram Taluk, Thirunelveli District, Tamil Nadu by Thiru S Venkatesan - Environmental Clearance	9465	<p>The authority noted that this proposal was placed for appraisal in 387<sup>th</sup> meeting of SEAC held on 28.06.2023. Based on the presentation and documents furnished by the project proponent, SEAC noted that the proposed site abuts coconut groves both on the Northern and Southern sides. Further, there is an industrial shed at a distance of about 143 m. there are also several windmills around the site. <b>Therefore, SEAC decided not to recommend the proposal for the grant of Environmental Clearance.</b></p> <p>The Authority, after discussions, accepted the decision of SEAC and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per the 387<sup>th</sup> SEAC minutes. Further, Authority decided to close and record this proposal.</p>
4.	Proposed Gravel Quarry lease over an extent of 2.58.79Ha S.F.No.31/1A & 35/2, Pappapatti Village, Usilampatti Taluk, Madurai District by Thiru.C.Oorkalan - For Environmental Clearance.	9952	<p>The authority noted that the subject was appraised in 387<sup>th</sup> meeting of SEAC held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity <b>36,440 cu.m of Gravel and the depth of mining upto 2m</b> as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure</p>

  
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		<p>- (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</li> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> </ol>
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6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
7. The project proponent shall store/dump **Topsoil** generated within the earmarked area of the project site and the utilize the same for mine closure.
8. The project proponent shall spend EMP cost of Rs. 16 Lakhs / 3 Years including capital & recurring cost with 5% inflation cost anticipated every year as committed.
9. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. **5 lakhs** and the amount shall be spent for the Government Kallar Higher Secondary School, Paapapatti, Madurai as committed, before obtaining CTO from TNPCB.
10. All the trees listed within the proposed mining area shall be transplanted all along the boundary.
11. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.

  
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			<p>12. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p> <p>13. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.</p>
5.	Proposed Rough stone & Gravel quarry lease over an extent of 1.46.00Ha in S.F.No:308/3 & 308/6, Surai Village, Sholinghar Taluk, Ranipet District, Tamil Nadu by M/s. KCC Buildcon Private Limited - For Environmental Clearance.	9959	<p>The authority noted that the subject was appraised in 387<sup>th</sup> meeting of SEAC held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity <b>95,110 cu.m of Rough Stone &amp; 8880 cu.m of Gravel and the depth of mining upto 21m</b> as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCCB on completion of every 5 years till the project life.</li> </ol>

  
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			<p>They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <ol style="list-style-type: none"> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</li> <li>7. The project proponent shall store/dump Topsoil generated within the earmarked area of the project site and the utilize the same for mine closure.</li> </ol>
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			<p>8. The project proponent shall spend EMP cost of Rs. 48.10 Lakhs / 3 Years including capital &amp; recurring cost with 5% inflation cost anticipated every year as committed.</p> <p>9. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. 7 Lakhs towards the construction of new building for Library and the amount shall be spent for the Panchayat Union primary School, Surai Village before obtaining CTO from TNPCB.</p> <p>10. All the trees listed within the proposed mining area shall be transplanted all along the boundary.</p> <p>11. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.</p> <p>12. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p> <p>13. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.</p>
6.	Proposed Rough stone & gravel quarry over an extent of 4.42.0Ha at S.F.No. 392/2(p), 393/2(p), 394/1, 395, 396/1, 397 & 398/1A1(p) of Melkaraipatti Village, Palani Taluk, Dindigul District, Tamil Nadu by M/s. Shri Rajrudhra	9925	The Authority noted that the subject was appraised in the 387 <sup>th</sup> Meeting of SEAC held on 28.06.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions

  
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	<p>Minerals Private Limited-For Environmental Clearance.</p>	<p>stated therein. The Authority after detailed discussions noted that</p> <p>From the KML file uploaded by the proponent, it is ascertained that there existing windmill structures are located at the distance of 152m (NE), 192m (SE) and 151m (SW) with reference to the quarry lease boundary.</p> <p><u>As per Tamil Nadu Minor Mineral Concession Rules, 1959 under section V – Miscellaneous in para 36, General restrictions in respect of quarrying operations: (c)</u></p> <p><i>“No new layout, building plans falling within 300 metres from any quarry should be given approval by any agency unless prior clearance of the Director of Geology and Mining is obtained. On receipt of proposals for according clearance, the Director of Geology and Mining shall decide upon the continuance or closure, as the case may be of any quarry which is situated within 300 metres from the now layout, building sought for such “clearance”.</i></p> <p>In the view of the above, Authority decided to call for additional details</p> <ol style="list-style-type: none"> <li>1. The proponent is requested to obtain NOC from the Director of Geology and Mining.</li> <li>2. Also, the PP shall obtain consent from the owner of the existing windmill structures located within 300m radius.</li> </ol> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
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7.	Proposed Rough stone & gravel quarry over an extent of 4.95.60 Ha at S.F.No's : 4/1E2, 4/1E3, 4/1F (Part), 4/2A (Part) & 4/3 in Nallamur Village, Maduranthagam Taluk, Chengalpattu District, Tamil Nadu by Thiru. M.G.Surendranath Managing Partner of M/s.R.G.Minerals &Metals -For Environmental Clearance.	9946	<p>The Authority noted that the subject was appraised in the 387<sup>th</sup> Meeting of SEAC held on 28.06.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action.</p> <ol style="list-style-type: none"> <li>1. As per the kml uploaded by the PP in the parivesh portal, it is ascertained that the proposed mining area has been quarried earlier. Hence, the PP shall furnish the previous lease details for quarrying rough stone in the proposed mining area and last permit details.</li> <li>2. Also, PP shall obtain a letter from AD/DD mines stating that the project will not fall under violation category.</li> <li>3. Impact on the Nallamunur lake- 150.2m E and Peruveli lake -1.06km shall be studied.</li> <li>4. Impact on the Agriculture, vegetation and water table shall be studied.</li> <li>5. Impacts due to blasting on the migratory birds shall be studied.</li> </ol> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
8.	Proposed Rough stone & gravel quarry over an extent of 1.45.00Ha at S.F.Nos. 662/1, 664/1 & 665 of Appayanaickenpatti Village.	9953	<p>The Authority noted that the subject was appraised in the 387<sup>th</sup> Meeting of SEAC held on 28.06.2023. Based on the presentation and documents furnished</p>

  
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Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.D.Siramji, Partner of M/s. R.K. Blue Metals - For Environmental Clearance.

by the project proponent, SEAC decided to obtain the following details from the PP.

1. PP shall furnish registered lease consent document obtained from the pattadhars for mine lease area.
2. The carrying capacity of waterbody/lake existing at a distance of 150 m during the last five years obtained from the competent authority.
3. The impacts due to quarrying operations on the lake/waterbody and the temple situated nearby.
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, places of worship, industries, factories, sheds, etc.
5. Since the Residential High School is located at 310m, the PP shall furnish the following details,
  - i. Total number of students studying in this school for the period of last 5 years.
  - ii. Total number of the students staying in the hostel
  - iii. Timing/Duration of the school
  - iv. The road utilized by the students & their parents for the transportation purposes
  - v. Wind direction

On receipt of the above details, SEAC would further deliberate on this project and decide the further course of action.

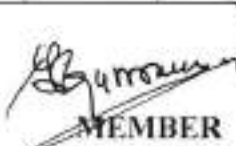
  
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			In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 28.06.2023.
9.	Proposed Gravel quarry over an extent of 2.07.0 Ha at S.F.Nos: 157/1, 157/2, 157/3 & 157/5 of Pallamparai Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu by M/s. Shri Palanimurugan Enterprises -For Environmental Clearance.	9960	<p>The Authority noted that the subject was appraised in the 387<sup>th</sup> Meeting of SEAC held on 28.06.2023 and SEAC has furnished its <b>recommendations for granting Environmental Clearance</b> subject to the conditions stated therein. After detailed discussions, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action.</p> <ol style="list-style-type: none"> <li>1. The PP shall furnish an affidavit stating that he will not cut the trees in the mining lease area.</li> <li>2. The PP shall obtain a letter from the Owner of the lease area stating that the consent given is only for removal of Gravel and not for cutting trees.</li> <li>3. The PP shall obtain a letter from the Concerned Director of Agriculture stating that proposed mining activity has no impact on the surrounding Agriculture.</li> </ol> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
10.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.02.0 Ha at S.F.No. 98/1A2 & 98/1B, in Kulathur Village, Kulathur Taluk, Pudukkottai	9940	The Authority noted that the subject was appraised in 387 <sup>th</sup> meeting of SEAC held on 28.06.2023 and the SEAC has called for the following additional details from the Project Proponent:

  
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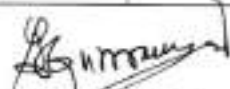
  
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<p>District, Tamil Nadu by Thiru V.Kannaiyan - For Environment Clearance</p>	<p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to <b>grant Environmental Clearance for the production quantity of 44945 m<sup>3</sup> of Rough stone and 448 m<sup>3</sup> of Gravel to the depth of 39m BGL in 5 years</b> as per the approved mining plan. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of mine plan period till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</li> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> </ol>
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			<p>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall store/dump Top soil, Weathered Rock &amp; Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p>
11.	Proposed Rough Stone & Gravel quarry lease over an extent of 2,00.0 Ha at S.F.No. 115/1, 115/2, 115/3, 115/4 & 116(Part), in Palli Village, Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.S.Nirmal,- For Environment Clearance	9954	<p>The Authority noted that the subject was appraised in 386<sup>th</sup> meeting of SEAC held on 22.06.2023 and the SEAC has furnished its recommendation for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the production</p>

  
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quantity of 218960 m<sup>3</sup> of Rough stone and 30858 m<sup>3</sup> of Gravel to the depth of 38m BGL in 5 years as per the approved mining plan. This is also subject to the standard conditions as per Annexure - (1) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of mine plan period till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental

  
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		<p>clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall store/dump Top soil, Weathered Rock &amp; Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p>
12.	<p>File No: 9934</p> <p>Proposed Rough Stone &amp; gravel Quarry lease over an extent of 2.02.34 Ha at S.F.Nos. 1853/1D2 &amp; 1853/1D3 of Gangaikondan Part - 1 Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Thiru. R.P. Dass - For Environmental Clearance.</p> <p>The authority noted that the subject was appraised in 387<sup>th</sup> SEAC meeting held on 28.06.2023.</p> <p>SEAC noted that the same proposal was dealt with in <b>application No. SIA/TN/MIN/216202/2021, dated: 02/07/2021 and was appraised (File No. 8607/2021)</b> vide 243<sup>rd</sup> SEAC meeting held on 04.02.2022. Based on the presentation and documents furnished by the project proponent, SEAC noted that Gangaikondan Spotted Deer Sanctuary is located at 1.8 Km (NE) from the lease area and 0.91km from the Eco Sensitive Zone as per Notification S.O. 2773(E)dated 31.07.2019 of MOEF &amp; CC and Talaiyattu RF is located 0.4km in SW direction. The Committee felt that the proposed mining activity is close to the Eco Sensitive Zone and mining activity will affect the endangered species, wildlife and flora &amp; fauna. <b>The Committee, therefore, decided not to recommend the project proposal.</b> Subsequently, this subject was placed in the 486<sup>th</sup> Authority meeting held on 16.02.2022. In view of the above, the Authority decided to request</p>	

  
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the Member Secretary, SEIAA to communicate the SEAC minutes of 04.02.2022 to the project proponent.

Now the PP has sought to revive the same proposal by filing a new application vide online application No. SIA/TN/MIN/420387/2023, Dated: 10.03.2023 as below.

Description	Old File	New File
File No	8607	9934
Online Proposal No for EC	SIA/TN/MIN/216202/2021, dated: 02/07/2021	SIA/TN/MIN/420387/2023, Dated: 10.03.2023

SEAC, therefore, decided that the proposal may be placed before Authority for taking necessary action to avoid such proposals, where decision has already been taken, in the guise of new proposal.

Authority after detailed deliberation, accepts the earlier decision taken by SEAC to not to recommend the proposal made in 243<sup>rd</sup> SEAC meeting held on 04.02.2022. Hence, the current proposal is rejected as per the earlier decision taken by SEAC and further, the proponent shall appeal before the appellate authority in case of any grievances in the decision taken by SEIAA-TN as per EIA Notification 2006 as amended.

13.	Proposed Rough Stone Quarry lease over an extent of 0.97.0 Ha at S.F. Nos. 51 (PART-3) of Allappanur Village, Thandrampattu Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. J. Gunasekaran - For Environmental Clearance.	9955	<p>The authority noted that the subject was appraised in 387<sup>th</sup> SEAC meeting held on 28.06.2023.</p> <p>Based on the presentation &amp; documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance.</p> <p>Authority after detailed deliberation, noted that</p> <ol style="list-style-type: none"><li>1. Based on the KML file uploaded by the proponent in Parivesh portal, it is ascertained that<ol style="list-style-type: none"><li>(i) Then Pennai River is located at a distance of 841m from the proposed mine lease area.</li><li>(ii) The lands adjacent to the proposed site seems to have been quarried in both eastern and western side of the site.</li></ol></li></ol> <p>Hence, in the view of the above, Authority decided to call for additional details</p>
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			<ol style="list-style-type: none"> <li>1. The proposed mine lease area appears to be a watershed and the contribution of surface runoff to Then Pennai river may be hampered. Hence, the proponent shall study the implications of the proposed activity to the river as mentioned above and shall submit mitigation measures.</li> <li>2. Further, MS-SEIAA may obtain clarification from AD/Mines regarding the quarrying activity that appears to have been carried out in the adjacent lands in eastern and western direction. Further, AD/ Mines shall give his comments about the existing ground condition of the proposed mine lease area and the adjacent area as mentioned above.</li> </ol>
14.	Proposed rough stone & gravel quarry lease over an extent of 2.00 Ha at S.F.No. 1422/1 & 1422/2B of Bodinaickkanur Village, Bodinaickkanur Taluk, Theni District, Tamil Nadu by Thiru.S.Velusamy - For Environmental Clearance	9928	<p>The authority noted that the subject was appraised in the 387<sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance <b>for the quantity of 2,86,580m<sup>3</sup> of rough stone &amp; 30,648m<sup>3</sup> of gravel upto the depth of 37m below ground level</b> as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by</p>

  
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		<p>MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022. this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</li> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> </ol>
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			6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
15.	Proposed Rough Stone quarry lease over an extent of 1.20.0 Ha at S.F.No. 113/1 (Part-1) of Kondepalli Village, Krishnagiri Taluk, Krishnagiri District, Tamilnadu by Thiru. M.R.Venkatesan – For Environmental Clearance	9935	The authority noted that the subject was appraised in the 387 <sup>th</sup> SEAC meeting held on 28.06.2023. <b>Based on the presentation and documents furnished by the project proponent, the Committee noted that the proponent has carried out mining operations in the safety zones and also outside the lease area during the earlier EC period. The Committee, after deliberations decided to defer the proposal and take it up for discussion in the ensuing meeting.</b> In view of this, the authority after deliberations, decided to request Member Secretary, SEIAA to communicate the minutes of the 387 <sup>th</sup> SEAC meeting to the project proponent.
16.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.25.5 Ha at S.F.No. 43/1A of Kunnathupatti Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu by Thiru.K.Subbu – For Environmental Clearance.	9942	The authority noted that the subject was appraised in the 387 <sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific

  
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and systematic mining, decided to grant Environmental Clearance for the quantity of **1,17,170m<sup>3</sup> of rough stone upto the depth of 42m** as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit

  
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			<p>the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
17.	Proposed rough stone quarry lease over an extent of 1.64.0 Ha at S.F.No. 1254/7, 1276/1, 1276/2A, 1276/2B, 1276/3A, 1276/3B & 1277/2 of Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.N.Viswanathan – For Environmental Clearance	9949	<p>The authority noted that the subject was appraised in the 387<sup>th</sup> SEAC meeting held on 28.06.2023. Based on the presentation, documents &amp; KML details furnished by the project proponent, the Committee observed that the quarry of K.Ramesh (SEIAA Proposal number.8461) lies within a distance of 400m from the current proposed quarry. Further, in the 500m cluster letter dated.08.02.2021 issued by Joint Director/Assistant Director (i/c), Dept.of G&amp;M in the case of K.Ramesh (SEIAA Proposal No.8461), it was mentioned that there were 2 existing quarries and 2 proposed quarries are located within the vicinity of the lease under appraisal. Besides, the area of the total cluster covering the above quarries exceeds 5Ha. However the Assistant Director, Dept. of G&amp;M has not</p>

  
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			<p>furnished the details of any existing or proposed quarries located within a radius of 500m radius from the quarry of Thiru.N.Vishwanathan (current proposal) in his cluster letter dated.21.01.2023,</p> <p>Hence, the Committee decided that SEIAA may obtain clarification from AD Mines in this regard and hence decided to defer this proposal in this meeting.</p> <p>In view of this, the authority after deliberations, decided to request Member Secretary, SEIAA to communicate the minutes of the 387<sup>th</sup> SEAC meeting to the project proponent. Further, the Member Secretary, SEIAA shall address the AD of Geology &amp; Mining Dept. and seek clarification as directed by SEAC.</p>
18.	Proposed rough stone & gravel quarry lease over an extent of 1.82.50 Ha at S.F.No. 281/2, 282/1, 283/1A, 283/1B, 283/1C, 283/2A, 283/2B, 283/2C, 283/4A & 283/4B of Velambur Bit-I Village, Peraiyur Taluk, Madurai District, Tamilnadu by Tmt.J.Selvi- For Environmental Clearance.	9956	<p>The authority noted that the subject was appraised in the 387<sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority, after carefully examining the KML file and the recommendations/ conditions specified by the SEAC, noted that <b>habitations are located within a distance of 300m</b> from the proposed project site. Therefore, the authority after detailed discussions decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <p>i) As per Tamil Nadu Minor Mineral Concession Rules, 1959 under section V – Miscellaneous in para 36, General restrictions</p>

  
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		<p>in respect of quarrying operations; (1-A) (a) &amp; (c) states that:</p> <p>(a) <i>"No lease shall be granted for quarrying stone within 300 metres (three hundred metres) from any inhabited site:</i></p> <p><i>Provided that the existing quarries which are subsisting under current leases shall be entitled for continuance till the expiry of the lease period. The lessees whose quarries lie within a radius of 300 metres from the inhabited site shall undertake blasting operations only after getting permission of the Director of Mines Safety, Chennai....."</i></p> <p>(c) <i>"No new layout, building plans falling within 300 metres from any quarry should be given approval by any agency unless prior clearance of the Director of Geology and Mining is obtained. On receipt of proposals for according clearance, the Director of Geology and Mining shall decide upon the continuance or closure, as the case may be of any quarry which is situated within 300 metres from the now layout, building sought for such "clearance".</i></p> <p><b><u>In view of the above, the proponent shall obtain NOC from Director, Department of Geology and Mining for carrying out mining &amp; blasting operations.</u></b></p> <p>ii) The proponent shall erect high metal sheet fencing around the project site</p>
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			such that there will be no disturbance to the people/habitations situated in the vicinity of the project area and furnish proofs for the same.
19.	Proposed rough stone quarry lease over an extent of 2.25.0 Ha in S.F.no 279/1 (Part-2), Kondappanayanapalli Village, Bargur Taluk, Krishnagiri District, Tamilnadu by Thiru.R.Shanmugam – For Environmental Clearance	9427	<p>The authority noted that the subject was appraised in the 387<sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance <b>for the quantity of 1,84,850m<sup>3</sup> of rough stone upto the depth of 56m (36m above ground level + 20m below ground level)</b> as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&amp;CC &amp; all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> <li>1. Keeping in view of MoEF&amp;CC's notification S.O.1533(E) dated,14.09,2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</li> <li>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the</li> </ol>

  
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			<p>project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <ol style="list-style-type: none"> <li>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&amp;CC while seeking a renewal of the mining plan to cover the project life.</li> <li>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</li> <li>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</li> <li>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work &amp; expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</li> </ol>
20.	Proposed Rough stone & Gravel quarry lease area over an extent of	9929	The authority noted that this proposal was placed for appraisal in 387 <sup>th</sup> meeting of SEAC held on

  
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	0.63.5Ha at S.F.Nos.1670/1A1 (Part) of Gangaikondan Part II Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Thiru.P.Velu - For Environmental Clearance.		<p>28.06.2023. Based on the presentation and documents furnished by the project proponent, SEAC noted that Gangaikondan Spotted Deer Sanctuary is located at 1.03 Km from the lease area and 0.91km is the Eco Sensitive Zone as per Notification S.O. 2773(E)dated 31.07.2019 of MOEF &amp; CC. The Committee also noted that there are two check dams located one at 79m and other at 170m. The Committee felt that the proposed mining activity is close to the ecologically sensitive area and mining activity will affect the endangered species, wildlife and flora &amp; fauna. The Committee, therefore, decided not to recommend the project proposal.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 28.06.2023.</p>
21.	Proposed Rough Stone & Gravel quarry lease over an extent of 0.76.5Ha at SF.No. 474/1B & 474/2 of Mylampad Village, Bhavani Taluk, Erode District, Tamil Nadu by Tmt. T.M. Vijayalakshmi - for Environmental Clearance.	9936	<p>The authority noted that this proposal was placed for appraisal in 387<sup>th</sup> meeting of SEAC held on 28.06.2023. Based on the presentation and document furnished by the project proponent, SEAC decided to seek the following details from the project proponent.</p> <ul style="list-style-type: none"> <li>(i) The PP shall furnish certified compliance report.</li> <li>(ii) The PP shall revise action plan for high wall.</li> <li>(iii) The PP shall furnish slope stability action plan for the existing pit with benches as the existing pit appears to be devoid of benches.</li> </ul>

  
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			In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 28.06.2023.						
22.	File No: 9950 Proposed Gravel quarry lease over an extent of 0.73.5Ha at SF.No. 285/1 of Balajangamanahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu by Thiru. S. Perumal - for Environmental Clearance. The authority noted that this proposal was placed for appraisal in 387 <sup>th</sup> meeting of SEAC held on 28.06.2023. Based on the presentation and document furnished by the project proponent, SEAC decided to seek the following details from the project proponent. 1. The project proponent shall furnish soil analysis report indicating the composition/component of the minerals proposed to be quarried and also the PP shall analyse for organic content obtained from anyone of the following test laboratories authorized by the Director of Geology and Mining as directed in the Judgment. <table border="1" data-bbox="268 981 1408 1227"> <tr> <td>1.</td> <td>Department of Civil Engineering, National Institute of Technology, Trichy – 620015.</td> </tr> <tr> <td>2.</td> <td>Department of Civil Engineering, Govt College of Engineering, Karuppur, Salem – 636011.</td> </tr> <tr> <td>3.</td> <td>Division of Soil Mechanics and Foundation Engineering, Dept of Civil Engineering, Anna University, CEG Campus, Guindy, Chennai – 600025.</td> </tr> </table> 2. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not fall under any notified/declared protected zones in terms of Judgement issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. 3. The PP revise 500m radius cluster certificate. In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 28.06.2023.	1.	Department of Civil Engineering, National Institute of Technology, Trichy – 620015.	2.	Department of Civil Engineering, Govt College of Engineering, Karuppur, Salem – 636011.	3.	Division of Soil Mechanics and Foundation Engineering, Dept of Civil Engineering, Anna University, CEG Campus, Guindy, Chennai – 600025.		
1.	Department of Civil Engineering, National Institute of Technology, Trichy – 620015.								
2.	Department of Civil Engineering, Govt College of Engineering, Karuppur, Salem – 636011.								
3.	Division of Soil Mechanics and Foundation Engineering, Dept of Civil Engineering, Anna University, CEG Campus, Guindy, Chennai – 600025.								
23.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0Ha at SF.No. 116/1 (part) of Pachudayampatty Village, Sendamangalam Taluk, Namakkal	9957	The authority noted that this proposal was placed for appraisal in 387 <sup>th</sup> meeting of SEAC held on 28.06.2023. Based on the presentation and document furnished by the project proponent,						

  
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	District, Tamil Nadu by Thiru. N.Tirupathiswamy - for Environmental Clearance.		<p>SEAC decided to seek the following details from the project proponent.</p> <ol style="list-style-type: none"> <li>1. The PP shall furnish revised VAO letter.</li> <li>2. The PP shall furnish registered consent.</li> <li>3. Details of existing pit.</li> <li>4. The PP shall revise CER.</li> <li>5. The proponent shall enumerate on the details of the structures located within 100m, 200m, 300m radius from the proposed mine lease area indicating the type of structure/building, usage/purposes of such building – commercial/industrial/residential/farm house/Govt. building such as Sub-station, occupants of such buildings/structures, ownership of the buildings/structures-whether it belongs to the PP (or) not, etc.</li> </ol> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 28.06.2023.</p>
24.	Proposed Rough Stone & Gravel quarry lease over an extent of 4.83.50 at SF.No. 270/13, 270/14A, 270/14B, 270/3, 271/1B(P), 271/1C, 271/1D, 271/1E, 271/2(P), 271/3(P), 271/4(P), 271/5, 271/6, 271/7, 272/1, 276/1A, 276/1B and 276/2 of Kattankulam Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by M/s. Sri Thaiyalnayagi Earth Movers	9964	<p>The authority noted that this proposal was placed for appraisal in 387th meeting of SEAC held on 28.06.2023 and SEAC recommended the proposal for the grant of Environmental Clearance subject to the certain conditions.</p> <p>In view of the above, the authority after detailed discussions, decided to consider the proposal after obtaining the following details.</p> <ol style="list-style-type: none"> <li>1. The pp shall furnish impact of mining on water bodies.</li> <li>2. The PP shall furnish impact of mining on Agriculture.</li> </ol>

  
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	Private Limited - for Environmental Clearance.		<p>3. The PP shall study impact of mining on River nearby.</p> <p>4. The PP shall study impact of mining on vegetation and Bio-diversity.</p>
25.	Existing Limestone Mine lease (G.O.7947) over an extent of 7.92.0 Ha in S.F.No. 2/2, 2/3, 3/2A, 4/1, 4/2A, 14/1A, 15 (Part) in Veerachipalayam Village & 235/6B in Alathur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s. The India Cements Limited - For Environmental Clearance under Violation	6732	<p>The authority noted that the subject was appraised in 387 SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to inform the proponent to furnish the following particulars as recommended by SEAC in the Minutes of 387<sup>th</sup> SEIAA held on 28.06.2023.</p> <ol style="list-style-type: none"> <li>1. The project proponent shall remit the amount prescribed for Ecological remediation (Rs. 10.05 Lakhs), natural resource augmentation (Rs.4.02 lakhs) &amp; community resource augmentation (Rs. 6.03 Lakhs), totaling Rs. <b>20.10 Lakhs</b> in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit acknowledgement of the same to SEIAA-TN</li> <li>2. The amount committed by the Project proponent for CER (Rs. 2.00 lakhs) shall be remitted in the form of DD to the beneficiary for the activities as committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.</li> <li>3. The project proponent shall submit the proof for the action taken by the State Government/INPCB against the project proponent under the provisions of Section 19 of</li> </ol>

  
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			the Environment (Protection) Act 1986 as per the EIA notification dated 14.03.2017 and amended 08.03.2018.
26.	Existing Karumapurathanur Limestone Mine (G.O.101) with an extent of 38.73 Ha, production capacity of 0.20 MTPA at S.F.No. 112/2A(P), 138(P), 205(P), 208/2, 209/1, 209/2, 210/2, 210/3, 210/4, 211/1, 211/2, 211/3, 211/4, 213/1, 213/2, 213/3, 214/1, 214/2, 214/3, 225/2, 227/2, 234(P), 236, 241/1, 241/2, 241/3 & 242/3, Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s. The India Cements Limited – for Environmental Clearance under violation	6734	<p>The authority noted that the subject was appraised in 387<sup>th</sup> SEAC meeting held on 28.06.2023. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to inform the proponent to furnish the following particulars as recommended by SEAC in the Minutes of 387<sup>th</sup> SEIAA meeting held on 28.06.2023.</p> <ol style="list-style-type: none"> <li>1. Details of Bank guarantee remittance towards the amount prescribed for Ecological remediation (Rs. 20 Lakhs), natural resource augmentation (Rs. 12 lakhs) &amp; community resource augmentation (Rs. 14 Lakhs), totaling <b>Rs. 46 Lakhs</b> to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN.</li> <li>2. The amount committed by the Project proponent for CER (Rs. 10.00 lakhs) shall be remitted in the form of DD to the beneficiary for the activities as committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.</li> <li>3. The project proponent shall submit the proof for the action taken by the State Government/TNPCB against the project proponent under the provisions of Section 19 of the Environment (Protection) Act 1986 as per</li> </ol>

  
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			the ELA notification dated 14.03.2017 and amended 08.03.2018.
27.	Proposed Black granite quarry over an extent of 2.44.0Ha in S.F.No. 144/1 and 144/2 of Odaiyandahalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru.R.K.Ramesh - for Environmental Clearance Extension.	5383	<p>SEAC has furnished its recommendations to SEIAA for the grant of extension of the validity of Environmental Clearance subject to the conditions stated therein. After detailed discussion, SEIAA decided to obtain the following additional details from the PP.</p> <ol style="list-style-type: none"> <li>1. The PP shall furnish the latest approved mining plan.</li> <li>2. The PP shall furnish the clarification from Chief Wildlife Warden regarding a separate Eco Sensitive Zone is required for Cauvery South Wildlife Sanctuary for this proposal and specific remarks.</li> </ol> <p>The proponent vide letter dated.10.07.2023 gave reply to the above details sought by SEIAA. In view of this, it was again been placed in the 637<sup>th</sup> SEIAA meeting held on 11.07.2023.</p> <p>The Authority after examining the reply/details furnished by the proponent and also taking into account the recommendations of SEAC, the safety aspects and to ensure sustainable, scientific and systematic mining <b>decided to grant Environmental Clearance Extension for the remaining quantity of 2,343.08 m<sup>3</sup> of Black Granite with ultimate depth of mining upto 31 m (including 11 m above ground level) as per the mine plan approved by the Department of Geology &amp; Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions</b></p>

  
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stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
6. The amount allocated for EMP should be kept in a separate account and both the capital and

  
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			recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
28.	Proposed Development of Industrial Park in an area of 425.55 ha (1051.10 Acres) at E.Kumaralingapuram Village SF.Nos.134/1, 134/2, 134/3, 134/4, 134/5, 154/1, 154/2, 154/4A, 154/3, 154/4B, 155/1, 155/2, 155/3, 155/4, 155/5, 155/6, 155/7, 156/1, 156/2, 156/3, 156/4, 156/5, 156/6, 156/7, 156/8, 219/1, 219/2, 219/3, 220/1, 220/2, 220/3, 228/1, 228/2, 215/1A, 215/1B, 215/2, 215/3, 216, 217, 234/1, 234/4, 234/2, 234/3, 235/1, 235/2, 235/3, 235/4, 235/5A, 235/5B, 231/1, 231/2, 231/3, 231/4, 231/5, 231/6, 232/1, 232/5, 232/2, 232/3, 232/4, 232/6A, 232/6B1, 232/6B2, 229/1, 229/2, 229/3, 229/4, 226/6A, 227/1, 227/2, 227/3, 227/4, 227/5, 222/1, 222/2A, 222/2B1, 223, 224, 225/1, 225/2A, 225/3, 225/4, 225/5, 225/6A1, 225/6B1A, 225/6B1B, 221/1, 221/2, 221/3, 230/1, 230/2, 230/3,	9262	<p>The authority noted that the subject was appraised in 380<sup>th</sup> meeting of SEAC held on 17.05.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. Subsequently, in the 627<sup>th</sup> authority meeting held on 06.06.2023, the authority decided to defer and decided the directs the PP to furnish certain additional particulars. In this connection, the project proponent has furnished reply vide Lr. Dt: 06.07.2023.</p> <p>In this connection, the proposal was placed in the 637<sup>th</sup> Authority meeting held on 11.07.2023. The Authority after detailed discussions accepted the recommendation of SEAC and decided to grant of Environmental Clearance subject to the conditions as recommended by SEAC &amp; normal condition in addition to the following conditions:</p> <ol style="list-style-type: none"> <li>1. The project proponent shall in-house only non - EIA attracting industries alone as committed especially Textile-wet processing unit &amp; Dry textiles (Apparel, Home Textiles) &amp; Other Non - EC attracting industries for the proposed SIPCOT plots as committed.</li> </ol>

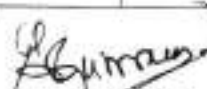
  
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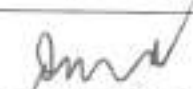
  
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<p>230/4, 230/5, 230/6, 230/7, 206, 207, 233/1, 233/2A, 233/2B, 233/2C, 233/2D, 233/2E, 233/2F, 233/3, 235/6, 236, 237, 238/1, 238/2, 238/3, 238/4, 239/1A, 239/1B, 239/2, 239/3, 239/4, 239/5, 240, 263/1, 263/2, 263/3, 263/4A1, 263/4A2, 263/4B, 263/5A1, 263/5A2, 263/5A3, 263/6A1, 263/6B1, 263/6C1, 263/7, 263/8A, 263/9A, 263/10A, 263/11, 263/12A, 264/1, 264/2, 264/3, 264/4, 264/5, 264/6, 264/7, 265/2, 265/3, 265/4, 265/5, 266/1, 266/2, 266/3, 266/4, 266/5, 266/6, 266/8, 266/7, 266/9, 266/10, 266/11, 266/12, 266/13, 266/14, 266/15, 267/1, 267/2, 267/3, 267/4, 267/5, 268/1A, 268/1B, 268/1C, 268/1D, 268/2, 268/3, 268/4, 269/1, 269/2, 269/3, 269/4, 269/5, 269/6, 269/7, 270/1, 270/2, 270/3, 270/4, 270/5, 270/6, 270/7, 270/8, 271/1, 271/2, 271/3, 271/4A, 271/4B, 271/5, 271/6, 271/7, 271/8, 271/9, 271/10, 272/1, 272/2, 272/3, 272/4, 272/5, 272/6, 272/7, 272/8, 272/9, 273/1, 273/2, 273/3, 273/4, 273/5, 273/6, 273/7, 273/8, 273/9, 273/10, 274/1, 274/2A, 274/2B, 274/3, 274/4, 275/1, 275/2, 275/3, 276/1, 276/2, 276/3, 276/4, 276/5, 277/1, 277/2A, 277/2B, 277/3, 277/4, 278/1,</p>	<ol style="list-style-type: none"> <li>2. The project proponent shall obtain and maintain valid permission all time for supply of fresh water as committed.</li> <li>3. The project proponent shall ensure that non - EIA attracting Industries to be in-housed shall treat the effluent generated by providing adequate individual ZLD followed by reject management system and shall reuse the treated effluent for the process activity.</li> <li>4. The project proponent shall ensure that non - EIA attracting Industries to be in-housed shall treat the Sewage generated by providing adequate individual STP and shall reuse the treated sewage for the toilet flushing &amp; green belt/gardening as committed.</li> <li>5. The project proponent shall provide adequate capacity of Sewage treatment plant as committed for the proposed industrial housing facility and shall maintain &amp; operate continuously to achieve the standards prescribed by the TNPCB/CPCB.</li> <li>6. The project proponent shall provide adequate capacity of CETP with ZLD for the proposed industrial activities as committed and shall maintain &amp; operate continuously to achieve the standards prescribed by the TNPCB/CPCB.</li> <li>7. The project proponent shall ensure that non - EIA attracting Industries &amp; proposed industrial housing facility to be in-housed shall provide elevated STP&amp; elevated CETP of adequate capacity &amp; its utilities above the ground level with adequate height considering highest rainfall &amp; flood level /inundation point of view</li> </ol>
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<p>278/2A, 278/2B, 278/3, 278/4, 278/5, 279/1, 279/2, 279/3, 279/4, 279/5A, 279/5B, 279/6, 279/7, 279/8, 279/9, 280/1, 280/2A, 280/2B, 280/3, 280/4, 280/5, 280/6, 280/7, 280/8, 281/1, 281/2, 281/3, 281/4, 281/5A, 281/5B, 281/6, 281/7, 281/8, 281/9, 281/10, 282/1, 282/2A, 282/2B, 282/2C, 283/1, 283/2A1, 283/2C1, 283/3A, 283/4A, 283/5, 283/6A, 80/1, 80/2A, 80/2B, 81/1, 81/2, 81/3, 81/4, 81/5A, 81/5B, 81/6, 81/7, 82/1, 82/2, 82/3, 82/4, 82/5, 82/6, 82/7, 82/8, 82/9, 83/1, 83/2, 83/3, 83/4, 83/5, 83/6, 83/7A, 83/7B, 83/8, 84/1, 84/2, 84/3, 84/4, 84/5A, 84/5B, 84/6, 84/7, 85/1, 85/2, 85/3, 85/4, 86/2, 86/3, 86/4, 86/5, 86/6, 99/1A, 99/1B, 99/1C, 99/1D, 99/1E, 99/2A, 99/2B, 99/2C, 99/3, 99/4, 99/5, 99/6, 99/7, 100/1, 100/2, 101/1, 101/2, 101/3, 101/4, 101/5, 101/6A, 101/6B, 101/6C, 101/6D, 101/6E, 101/6F, 171, 172, 173/1, 173/2, 173/3, 173/4, 173/5, 173/6, 173/7, 173/8, 173/9, 174/1, 174/2, 174/3, 174/4, 174/5, 174/6, 174/7, 174/8, 175/1, 175/2, 175/3, 175/4, 175/5A, 175/5B, 175/6, 176/1, 176/2, 176/3A, 176/3B, 176/4, 177/1, 177/2, 177/3, 177/4, 177/5, 177/6, 177/7, 177/8,</p>	<p>as recommended by the competent authority for the proposed project site.</p> <ol style="list-style-type: none"> <li>8. The project proponent shall ensure that non - EIA attracting Industries to be in-housed shall provide roof top solar panel to harness solar energy.</li> <li>9. The project proponent shall ensure that proposed industrial housing facility and other buildings shall be energy efficient and confirming to IGBC standards.</li> <li>10. The project proponent shall ensure that the industries to be in-housed shall ensure buildings constructed are energy efficient and conform to the green building norms.</li> <li>11. The project proponent shall provide &amp; maintain OWC of adequate capacity as committed for the proposed industrial housing facility.</li> <li>12. The project proponent shall provide &amp; maintain green fuel-based DG sets as committed.</li> <li>13. The PP shall conduct periodic training to the industrial employees in regard to emergency evacuation plan.</li> <li>14. The structural stability of STP &amp; CETP provided shall be periodically certified by the reputed academic institute or concerned competent authority.</li> <li>15. The proponent shall continuously adopt carbon neutral strategies to confirm carbon neutrI environment.</li> <li>16. The project proponent shall ensure that non - EIA attracting Industries to be in-housed shall provide adequate elevated closed area earmarked for collection, segregation, storage</li> </ol>
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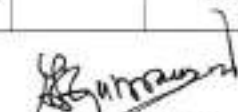
  
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<p>177/9, 178/1, 178/2, 178/3, 178/4, 178/5A, 178/5B, 179/1, 179/2, 179/3A, 179/3B, 179/4, 179/5, 179/6, 202/1, 202/2A, 202/2B, 202/3, 202/4, 202/5A, 202/5B, 202/6A, 202/6B, 203/1, 203/2, 203/3A1, 203/3A2, 203/3B, 203/4, 204/1, 204/2, 204/3, 204/4, 205/1, 205/2, 205/3, 205/4, 205/5, 208/1, 208/2, 208/3, 208/4, 208/5, 208/6, 208/7, 209/1, 209/2, 209/3, 209/4, 209/5, 209/6, 210/1, 210/2A, 210/2B, 210/2C, 210/2D, 210/3, 210/4A1, 210/4A2, 210/4A3, 210/4A4, 210/4A5, 210/4B, 210/5, 211/1, 211/2, 211/3A, 211/3B, 211/4A, 211/4B, 211/4C, 211/4D, 211/5, 212/1A, 212/1B1, 212/1B2, 212/2A, 212/2B, 212/3, 212/4A, 212/4B, 212/5, 213/1, 213/2, 213/3A, 213/3B, 213/3C, 213/3D, 213/3E, 213/3F, 213/3G, 213/4, 213/5, 213/6, 180/1A, 180/1B, 180/1C, 180/1D, 180/2, 180/3, 181/1, 181/2, 181/3A, 181/3B, 181/4, 181/5, 181/6, 182/1, 182/2, 183/1A, 183/1B, 183/2, 184/1, 184/2, 184/3, 185/1, 185/2, 185/3, 185/4, 186/1, 186/2, 186/3, 187/1, 187/2, 187/3A, 187/3B, 187/3C, 187/4, 188/1, 188/2, 189/1, 189/2, 189/3, 189/4, 189/5, 189/6, 189/7, 190/1, 190/2,</p>		<p>&amp; disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, &amp; Batteries (Management and Handling) Rules, 2001.</p> <p>17. The project proponent shall ensure that the industries to be in-housed shall adhere that no treated or untreated trade effluent/sewage is discharged outside the premises under any circumstances.</p> <p>18. The project proponent and the non - EIA attracting Industries to be in-housed shall provide &amp; ensure that the utilities/ arrangements for fresh water supply, Storm/rain water management, and for reuse of treated sewage/effluent as proposed.</p> <p>19. The project proponent shall provide &amp; maintain adequate storm water management &amp; rain water harvesting structures as committed for the project site.</p> <p>20. The project proponent shall provide adequate arrangements for disposal of excess storm water and shall obtain necessary permission from the competent authority before obtaining CTO.</p> <p>21. The project proponent shall ensure that industries to be in-housed shall operate and</p>
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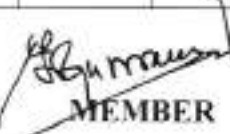
  
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<p>190/3, 190/4, 191/1, 191/2, 191/3, 191/4, 191/5A, 191/5B, 191/6, 191/7, 192/1, 192/2, 192/3, 192/4A, 192/4B, 193/1, 193/2, 193/3, 193/4, 193/5, 193/6, 194/1, 194/2, 194/3, 195/1, 195/2, 195/3, 196/1A, 196/1B, 196/2, 196/3, 197/1, 197/2, 197/3, 197/4, 197/5A, 197/5B, 198/1, 198/2, 199/1, 199/2, 199/3, 199/4, 200, 201/1A, 201/1B, 201/2A, 201/2B, 201/3.</p> <p>E.Muthulingapuram Village SF.Nos. 14/1, 14/2, 14/3, 14/4, 14/5, 14/6, 14/7, 15/1, 15/2, 15/3, 62/1, 62/2, 62/3, 62/4, 63/1, 63/2, 63/3, 64, 67, 68/1, 68/2, 69/1, 69/2, 69/3, 69/4, 71/1, 71/2, 71/3, 71/4.</p> <p>Thulukapatty Village SF.Nos. 239/1, 239/2, 239/3, 239/4, 239/5, 239/6, 239/7, 239/8, 239/9, 239/10, 239/11, 240/1A, 240/1B, 240/2A, 240/2B, 240/2C, 240/3B, 240/3C, 240/3D, 240/4A, 240/4B, 240/4C, 240/4D, 240/6A, 240/6B, 240/7A, 240/7B, 240/8, 240/9A, 240/9B, 240/10A, 240/10B, 240/11, 240/12, 240/13, 241/1, 241/2, 241/3, 241/4A, 241/4B, 241/5, 241/6, 241/7, 241/8, 241/9, 242/1, 242/2, 242/3A, 242/3B, 242/4A, 242/4B, 242/5A, 242/5B, 242/5C, 242/6, 243/1A, 243/1B, 243/1C, 243/1D, 243/2, 243/3, 244, 245/1,</p>		<p>maintain the proposed STP / CETP efficiently and continuously to bring the quality of treated sewage/effluent to satisfy the discharge standards prescribed by the CPCB at all times.</p> <p>22. The project proponent &amp; the Industries to be in-housed shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/equipment/utilities for operation &amp; maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.</p> <p>23. The project proponent shall ensure Industries to be in-housed shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.</p> <p>24. The project proponent shall adhere to the approval obtained for the source of fresh water supply from the competent Authority.</p> <p>25. The project proponent &amp; the industries to be in-housed shall strictly adhere to all biosafety standards, hygienic standards and safety norms of working staff and patients to be strictly from time to time as guidance of competent authority.</p>
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<p>245/2, 247/1, 247/2, 247/3A, 247/3B, 247/4, 247/5, 248/1, 248/2, 248/3A, 248/3B, 248/4A, 248/4B, 248/4C, 248/5, 248/6, 248/7A, 248/7B, 248/8, 248/9, 248/10, 248/11, 250/1A, 250/1B, 250/2, 250/4, 250/5B, 250/6, 250/7A, 250/7B, 250/8A, 250/8B, 250/9, 250/10, 250/11, 250/12, 250/13, 250/14, 250/15, 250/16, 250/17 Sattur &amp; Virudhunagar Taluks, Virudhunagar District Tamil Nadu By M/s. State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT) – For Environmental Clearance.</p>	<p>26. The project proponent &amp; the industries to be in-housed shall strictly adhere to the disaster management and disaster mitigation measures/standards to avoid any calamities.</p> <p>27. The project proponent &amp; the industries to be in-housed shall strictly adhere to the EIA/EMP and disaster management plan.</p> <p>28. The activities should in no way cause emission and build-up Green House Gases. All actions to be ecofriendly and support sustainable management of the natural resources within and outside the campus premises.</p> <p>29. The project proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.</p> <p>30. The project proponent &amp; the industries to be in-housed shall ensure proper arrangement &amp; utilization of recycled water.</p> <p>31. The project proponent &amp; the industries to be in-housed shall ensure that all trees &amp; biodiversity listed in EIA report to be protected within the premises.</p> <p>32. The project proponent &amp; the industries to be in-housed shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.</p> <p>33. The project proponent &amp; the industries to be in-housed shall ensure almost safety for the existing biodiversity, trees, flora &amp; fauna shall not disturb under any circumstances.</p>
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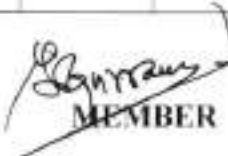
  
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		<p>34. The project proponent &amp; the industries to be in-housed shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.</p> <p>35. The project proponent &amp; the Industries to be in-housed shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>36. The project proponent &amp; the industries to be in-housed shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.</p> <p>37. The project proponent &amp; the industries to be in-housed shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.</p> <p>38. The project proponent &amp; the industries to be in-housed shall ensure to provide the emergency exit in the buildings.</p> <p>39. The project proponent &amp; the industries to be in-housed shall ensure to provide elevator as per rules CMDA/DTCP.</p> <p>40. The proponent &amp; the industries to be in-housed shall ensure to provide adequate capacity of DG set (standby) for the proposed STP so as ensure continues and efficient operation.</p> <p>41. The proponent &amp; the industries to be in-housed shall adhere to the provision and norms regard to fire safety prescribed by competent authority.</p> <p>42. The project proponent &amp; the industries to be in-housed shall adhere to storm water management plan as committed.</p>
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29.	Existing Black Granite Quarry at S.F No. 4/4B & 2/3, 52/4, 52/5, 52/6, 52/7, 52/8, 52/9, 52/10, 59/1, 59/3, 59/4A, 59/4B, 59/4C, 59/6B, 59/9, 59/10A, 59/10B, 59/11, 59/12, 59/13A, 59/13B, 59/14, 59/15, 59/16, 59/17, 59/18, 59/19, 59/22, 59/23, 59/24 (Patta land) of Vengamoor & Hanumanthapuram Village. Villupuram Taluk, Villupuram District by Tvl. Gem Granites- For Environmental Clearance	5512	The Authority, after detailed discussions decided to refer back the proposal to SEAC along with the following remarks:  The project Proponent vide letter dated 23.06.2023 has submitted a new scheme of mining and has sought Environmental Clearance and therefore the subject is referred back to SEAC for furnishing recommendations.
30.	Proposed Black Granite Quarry at S.F Nos. 189/1A & 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, & 189/1J of Thachampattu Village, Gingee Taluk, Villupuram District by Tvl. Imperial Granites private Limited.- For Environmental Clearance	5514	The authority noted that the project Proponent vide letter dated 23.06.2023 has submitted a new scheme of mining and has sought Environmental Clearance. In this regard, the authority decided to refer the proposal to SEAC for furnishing remarks/recommendations on the proposal.

**Annexure-'A'**

**EC Compliance**

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.
3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change,

  
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Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).

4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

#### **Applicable Regulatory Frameworks**

5. The project proponent shall strictly adhere to the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments. Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957. National Commission for protection of Child Right Rules, 2006. Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002 and Biological diversity Rules, 2004 and Rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter

#### **Safe mining Practices**

6. The AD/DD, Dept. of Geology & Mining shall ensure operation of the proposed quarry after the submission slope stability study conducted through the reputed research & Academic Institutions such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc.
7. The AD/DD, Dept. of Geology & Mining & Director General of Mine safety shall ensure strict compliance and implementation of bench wise recommendations/action plans as recommended in the scientific slope stability study of the reputed research & Academic Institutions as a safety precautionary measure to avoid untoward accidents during mining operation.
8. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

#### **Water Environment – Protection and mitigation measures**

  
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9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.
11. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.
12. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA.
15. Regular monitoring of ground water level and water quality shall be carried out around the mine area during mining operation. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
16. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

**Air Environment – Protection and mitigation measures**

17. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.
18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.

  
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19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

**Soil Environment – Protection and mitigation measures**

20. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.
21. The proponent shall ensure that activity does not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soil and water.
22. The activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.
23. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.
24. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.
25. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.
26. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.
27. The top soil shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

**Noise Environment – Protection and mitigation measures**

28. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
29. The sound at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Hence, the PP shall ensure that the biological clock of the villages are not disturbed because of the mining activity.

  
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### **Biodiversity - Protection and mitigation measures**

30. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
31. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.
32. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
33. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.
34. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

### **Climate Change**

35. The project activity should not in any way impact the climate and lead to a rise in temperature.
36. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
37. Intensive mining activity should not add to temperature rise and global warming.
38. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
39. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.

  
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40. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
41. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
42. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

#### **Reserve Forests & Protected Areas**

43. The activities should provide nature based support and solutions for forest protection and wildlife conservation.
44. The project activities should not result in forest fires, encroachments or create forest fragmentation and disruption of forest corridors.
45. There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.
46. The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.
47. The project activities should not alter the geodiversity and geological heritage of the area.
48. The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora.
49. The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.
50. The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds.
51. The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.

#### **Green Belt Development**

52. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) are planted.
53. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).

#### **Workers and their protection**

54. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site

  
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should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

55. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
56. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

#### **Transportation**

57. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
58. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

#### **Storage of wastes**

59. The project proponent shall store/dump the granite waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.

#### **CER/EMP**

  
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60. The CER Should be fully Implemented and fact reflected in the Half-yearly compliance report.
61. The EMP Shall also be implemented in consultation with local self-government institutions.
62. The follow-up action on the implementation of CER Shall be included in the compliance report.

**Directions for Reclamation of mine sites**

63. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.
64. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.
65. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.
66. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.
67. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
68. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.

  
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69. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.
70. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.
71. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
72. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
73. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. The land disturbed should be reshaped for long term use. Mining should be as far as possible be eco-friendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
74. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following the succession process allowing pioneer species to establish. The other approach i.e plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.
75. Action taken for restoration of the site should be specifically mentioned in the EC compliances.

  
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