

**MINUTES**

**523<sup>rd</sup> MEETING**

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

**Date: 21.06.2022**

**MINUTES OF THE 523<sup>rd</sup> MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD ON 21.06.2022.**

<b>Agenda No</b>	<b>Description</b>	<b>File No.</b>	<b>Minutes</b>
a)	Confirmation of the minutes of the 522 <sup>nd</sup> meeting of the Authority held on 20.06.2022.		The minutes of the 522 <sup>nd</sup> meeting of the Authority held on 20.06.2022 was confirmed.
b)	The Action taken on the decisions of the 522 <sup>nd</sup> meeting of the Authority held on 20.06.2022.		The Member Secretary informed that 522 <sup>nd</sup> Minutes uploaded in Parivesh website and action taken report will be put up ensuing meeting.
1.	Proposal seeking Environmental Clearance for the Proposed Fire Clay quarry over an extent of 17.945 Ha located at S.F. No, 24/3B, 24/3H, 26/1, 26/2,26/3, 27/1, etc., & Jaderi - 122/1, 122/2B, 122/2C, 122/2D1, etc., PeriyaKoil and Jader Village, Cheyyar Taluk, Tiruvannamalai District by M/s. Wienerberger India Private Limited	6896	The authority after detailed discussion decided to refer back the proposal to SEAC for consideration on the receipt of following details from the project proponent. i) Revised mining area with revised SF. No. and revised mineable fire clay quantity as per the recommendation of SEAC that leaving a safety distance of 100M from the Eri on the Northern side.
2.	To consider the proposal for the grant of Environmental Clearance for the Proposed Rough stone & gravel quarry lease over an extent of 1.17.5Ha (Patta Land) in S.F.Nos.96/2, 97,2B, 98/1 and	8881	The authority noted deviation in the restricted production quantity & depth in comparison with approved mine plan. In view of the above Authority after detailed discussion decided to refer back the proposal to SEAC for revised recommendation for restricted production quantity & depth as per mine plan.

  
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	98/2 of Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by M/s. Tmt. M. Ramalakshmi		
3.	Proposal seeking Environmental Clearance for the Proposed Rough stone & Gravel quarry lease over an extent of 1.90.0 Ha (Patta Land) in S.F.Nos. 298/2A(P), 2B(P), 2C(P), 2D(P), 2E(P), 2F, 2G(P), 2I,2J,2K(P), 717/5B1(P) & 5B2(P) of Irur Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru M. Baskaran	8887	<p>Authority noted that the subject was placed in the 277<sup>th</sup> meeting of SEAC held on 26.05.2022. SEAC has furnished its recommendations to the Authority for <b>granting Environmental Clearance to the Project</b> subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific conditions of SEAC, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan period for 5 years approved by the Department of Geology &amp; Mining subject to the conditions as recommended by SEAC in addition to the following conditions:</p> <ol style="list-style-type: none"> <li>1. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 10.0 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</li> <li>2. 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.</li> </ol>

  
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		<ol style="list-style-type: none"> <li>3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>4. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>5. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>7. 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.</li> <li>8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</li> <li>9. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</li> <li>10. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</li> <li>11. The proponent shall ensure that the activities undertaken do not result in</li> </ol>
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		<p>carbon emission, and temperature rise, in the area.</p> <p>12. 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.</p> <p>13. 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.</p> <p>14. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>15. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms.</p> <p>16. The proponent shall ensure that the activity does not result in invasion by invasive alien species.</p> <p>17. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>18. 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.</p> <p>19. The activities should not disturb the soil</p>
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		<p>properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health</p> <p>20. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>21. 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.</p> <p>22. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells.</p> <p>23. 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.</p> <p>24. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>25. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>26. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).</p> <p>27. The proponent shall ensure that the mine</p>
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		<p>restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>28. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.</p> <p>29. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>30. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>31. 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.</p> <p>32. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>33. The proponent shall ensure that the activities do not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
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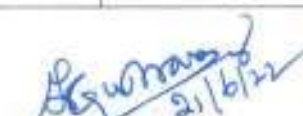
  
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4.	<p>Proposal seeking Environmental Clearance for the Proposed Gravel quarry lease over an extent of 4.17.5 Ha (Patta Land) in S.F.Nos. 337/2C, 337/3C, 338/1, 338/2, 338/3 and 339/2 of Nodiyur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru R. Murugesan</p>	8888	<p>Authority noted that the subject was placed in the 277<sup>th</sup> meeting of SEAC held on 26.05.2022. SEAC has furnished its recommendations to the Authority for <b>granting Environmental Clearance to the Project</b> subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific conditions of SEAC, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan period for 2 years approved by the Department of Geology &amp; Mining subject to the conditions as recommended by SEAC in addition to the following conditions:</p> <ol style="list-style-type: none"> <li>1. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 2 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</li> <li>2. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>4. The proponent shall ensure that the operations shall not result in loss of soil</li> </ol>
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			<p>biological properties and nutrients.</p> <ol style="list-style-type: none"> <li>5. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>7. 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.</li> <li>8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</li> <li>9. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</li> <li>10. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</li> <li>11. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.</li> <li>12. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration</li> </ol>
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		<p>should be done with native species, and site restored to near original status.</p> <p>13. 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.</p> <p>14. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>15. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms.</p> <p>16. The proponent shall ensure that the activity does not result in invasion by invasive alien species.</p> <p>17. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>18. 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.</p> <p>19. 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</p> <p>20. Bio remediation using microorganisms should be carried out to restore the soil</p>
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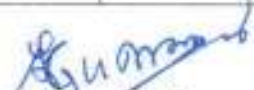
  
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		<p>environment to enable carbon sequestration.</p> <p>21. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.</p> <p>22. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells.</p> <p>23. 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.</p> <p>24. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>25. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>26. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).</p> <p>27. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>28. The proponent shall ensure that the</p>
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			<p>topsoil is protected and used in planting activities in the area.</p> <p>29. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>30. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>31. 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.</p> <p>32. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>33. The proponent shall ensure that the activities do not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
5.	To consider the proposal for the grant of Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 1.00.0Ha	8889	The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the depth and the quantity as per approved

  
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<p>(Government Poromboke Land) in S.F.No.328/2 (Block 6) of Kalpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Thiru S. Elumalai</p>	<p>mining plan issued by the Department of Geology &amp; Mining 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.</p> <ol style="list-style-type: none"> <li>1. As accepted by the project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School Neduvasal before obtaining CTO from TNPCB.</li> <li>2. The proponent shall shift (or) shall leave safety distance for the low/high tension line in the proposed mining area accordingly as recommended in precise area communication &amp; Mine plan approval before executing mine lease and CTO from the TNPCB.</li> <li>3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to</li> </ol>
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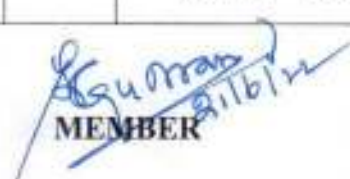
  
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		<p>micro climate alternations.</p> <p>7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</p> <p>8. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.</p> <p>9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</p> <p>10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>11. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>12. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>13. The proponent shall ensure that the mine closure plan are followed as per mining plan and the mine restoration should be done with native species, and site restored to near original status.</p> <p>14. The proponent shall ensure that</p>
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		<p>Monitoring be carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.</p> <p>15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>16. The proponent shall ensure that the activities shall not disturb the agro biodiversity and agro farms.</p> <p>17. The proponent shall ensure that the activity shall not result in invasion by invasive alien species.</p> <p>18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>19. The proponent shall ensure that activity shall not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soils and water.</p> <p>20. 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</p> <p>21. Bio remediation using an microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. The proponent shall ensure that all</p>
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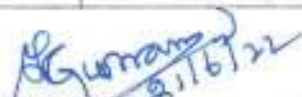
  
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		<p>mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.</p> <p>23. The proponent shall ensure that the activities should not impact the water bodies/wells in the neighbouring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities should not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity, nor impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities should not disturb the resident and migratory birds.</p> <p>27. The proponent shall ensure the area should be restored and rehabilitated with native trees as recommended SEAC Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration should be done using mycorrhizal VAM, vermicasting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil should be protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the</p>
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			<p>activities should not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities should not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. 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.</p> <p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that activities should not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
6.	To consider the proposal for the grant of Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 4.15.5Ha (Patta Land) in S.F.No.249, 250/1 & 250/5 of Nerkunapattu Village, Cheyyar	8890	The authority after detailed discussion decided to <u>refer back</u> the proposal to SEAC for consideration in regard to the complaint Dt: 26.05.2022 received to this office on 18.06.2022 from Villagers of Nerkunapattu requesting to take necessary action and to protect the burial ground within 200m from the proposed mine lease area.

  
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	Taluk, Chengalpattu District, Tamil Nadu by Thiru T. Rajendran		
7.	Proposed Rough stone & gravel quarry lease over an extent of 2.16.50 Ha (Patta Land) in S.F.Nos. 12/2A, 12/2B, 12/3A, 12/3B, 12/3C and 12/3D of Pazhaveri Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by Thiru R. Vinothsaravanan- For Environmental Clearance	8891	After detailed deliberation, the Authority decided to request the MS/SEIAA-TN to communicate the decision of the 277 <sup>th</sup> SEAC meeting held on 26.05.2022 to the Project Proponent.
8.	Proposal seeking Environmental Clearance for the Proposed Lime kankar quarry lease over an extent of 4.86.5 Ha (Patta Land) in S.F.Nos. 6/1B, 2, 3A, 3(B)p, 5A, 7/2, 4, 6 & 7/7 of Kruppur Senapathy Village Ariyalur Taluk, Ariyalur District, Tamil Nadu by Thiru S. Saravanan.	8892	Authority noted that the subject was placed in the 277 <sup>th</sup> meeting of SEAC held on 26.05.2022. SEAC has furnished its recommendations to the Authority for <b>granting Environmental Clearance to the Project</b> subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific conditions of SEAC, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan period for 5 years approved by the Department of Geology & Mining subject to the conditions as recommended by SEAC in addition to the following conditions: <ul style="list-style-type: none"> <li>1. All the HT and EB lines shall be shifted from the project site before obtaining CTO from TNPCB.</li> <li>2. As Karaivetti Bird Sanctuary is situated within 10km, cost of</li> </ul>

  
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		<p>mitigation measures of Rs.10lakh shall be deposited with DFO Ariyalur in lieu of CER.</p> <ol style="list-style-type: none"> <li>3. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 5.0 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</li> <li>4. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>5. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>6. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>7. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>8. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>9. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are</li> </ol>
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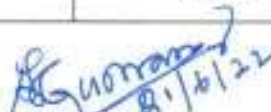
  
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		<p>sustainable that the soil structure composition is buildup, during the process of restoration.</p> <p>10. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</p> <p>11. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>12. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>13. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.</p> <p>14. 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.</p> <p>15. 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.</p> <p>16. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods</p>
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			<p>and services.</p> <p>17. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms.</p> <p>18. The proponent shall ensure that the activity does not result in invasion by invasive alien species.</p> <p>19. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>20. 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.</p> <p>21. 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</p> <p>22. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>23. 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.</p> <p>24. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells.</p>
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		<p>25. 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.</p> <p>26. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>27. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>28. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).</p> <p>29. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>30. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.</p> <p>31. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>32. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>33. The proponent should ensure that there is</p>
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			<p>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.</p> <p>34. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>35. The proponent shall ensure that the activities do not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
9.	<p>To consider the proposal for the grant of Environmental Clearance for the Proposed Multi Colour Granite quarry lease over an extent of 1.56.0Ha (Patta Land) in S.F.No.782/2 of R. Vellodu Village, Vedasandur Taluk, Dindigul District, Tamil Nadu by M/s. Sawariya Rocks</p>	8893	<p>The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the depth and the quantity as per approved mining plan issued by the Department of Geology &amp; Mining 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.</p> <p>1. As accepted by the Project proponent the revised CER cost is Rs. 10 Lakhs and the amount shall be spent for the following activities in Panchayat Union Primary</p>

  
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		<p>School and Government High School Vellodu.</p> <ol style="list-style-type: none"> <li>2. The proponent shall shift (or) shall leave safety distance for the low/high tension line in the proposed mining area accordingly as recommended in precise area communication &amp; Mine plan approval before executing mine lease and CTO from the TNPCB.</li> <li>3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>8. 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.</li> </ol>
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		<p>9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</p> <p>10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>11. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>12. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>13. The proponent shall ensure that the mine closure plan are followed as per mining plan and the mine restoration should be done with native species, and site restored to near original status.</p> <p>14. The proponent shall ensure that Monitoring be carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.</p> <p>15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>16. The proponent shall ensure that the activities shall not disturb the agro-</p>
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		<p>biodiversity and agro farms.</p> <p>17. The proponent shall ensure that the activity shall not result in invasion by invasive alien species.</p> <p>18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>19. The proponent shall ensure that activity shall not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soils and water.</p> <p>20. 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</p> <p>21. Bio remediation using an microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. 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.</p> <p>23. The proponent shall ensure that the activities should not impact the water bodies/wells in the neighbouring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities should not in any way affect the water quantity and quality in the</p>
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		<p>open wells and bore wells in the vicinity, nor impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities should not disturb the resident and migratory birds.</p> <p>27. The proponent shall ensure the area should be restored and rehabilitated with native trees as recommended SEAC Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration should be done using mycorrhizal VAM, vermicasting, Biofertilizers to ensure soil health and, biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil should be protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the activities should not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities should not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or</p>
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			<p>national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.</p> <p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that activities should not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
10.	<p>To consider the proposal for the grant of Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 4.93.0Ha (Patta Land) in S.F.No.602/1A (P), 604(P) &amp; 607/1(P) of Kasthuriengapuram Part I Village, Tisayanvilai Taluk, Tirunelveli District, Tamil Nadu by Thiru S. Petchimuthu</p>	8894	<p>The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the depth and the quantity as per approved mining plan issued by the Department of Geology &amp; Mining 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.</p> <ol style="list-style-type: none"> <li>1. As accepted by the Project proponent the revised CER cost is Rs. 10 Lakhs and the amount shall be spent for the following activities in Govt Hr Sec School, Tirunelveli.</li> <li>2. The proponent shall shift (or) shall leave safety distance for the low/high tension</li> </ol>

  
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		<p>line in the proposed mining area accordingly as recommended in precise area communication &amp; Mine plan approval before executing mine lease and CTO from the TNPCB.</p> <ol style="list-style-type: none"> <li>3. 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.</li> <li>4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>8. 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.</li> <li>9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</li> </ol>
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		<p>10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>11. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>12. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>13. The proponent shall ensure that the mine closure plan are followed as per mining plan and the mine restoration should be done with native species, and site restored to near original status.</p> <p>14. The proponent shall ensure that Monitoring be carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.</p> <p>15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>16. The proponent shall ensure that the activities shall not disturb the agro biodiversity and agro farms.</p> <p>17. The proponent shall ensure that the activity shall not result in invasion by invasive alien species.</p>
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		<p>18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>19. The proponent shall ensure that activity shall not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soils and water.</p> <p>20. 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</p> <p>21. Bio remediation using an microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. 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.</p> <p>23. The proponent shall ensure that the activities should not impact the water bodies/wells in the neighbouring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities should not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity, nor impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous</p>
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		<p>trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities should not disturb the resident and migratory birds.</p> <p>27. The proponent shall ensure the area should be restored and rehabilitated with native trees as recommended SEAC Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration should be done using mycorrhizal VAM, vermicasting, Biofertilizers to ensure soil health and, biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil should be protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the activities should not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities should not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. 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.</p>
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			<p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that activities should not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
11.	Proposed Rough Stone and Gravel quarry lease over an extent of 3.86.0 Ha (Patta Land) in S.F.No. 1273 of Kannur Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru S. Deivendran-For Environmental Clearance	8896	After detailed deliberation, the Authority decided to request the MS/SEIAA-TN to communicate the decision of the 277 <sup>th</sup> SEAC meeting held on 26.05.2022 to the Project Proponent.
12.	Proposal for the grant of Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 3.25.0 Ha (Patta Land) in S.F.Nos.33/4, 5, 6, 7, 9, 10, 12, 16, 34/10, 11, 12, 13, 14, 15, 16, 17H, 17 I, 17 J, 17K, 18, 19A, 19B, 19C, 20, 21, 22A, 22B, 23,& 24(P) of Vellanur Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Tmt. B. Pandiselvi.	8897	<p>The authority noted that this proposal was placed for appraisal in this 277<sup>th</sup> meeting of SEAC held on 26.05.2022 and the SEAC decided to obtain following detail from the PP.</p> <ol style="list-style-type: none"> <li>1. The certified compliance report of the earlier EC issued in the name of Thiru K.R.N. Bose from MOEF&amp;CC/TNPCB.</li> <li>2. The PP shall furnish registered lease deed in the name of PP.</li> </ol> <p>On the receipt of the same further deliberation will be done.</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 26.05.2022.</p>

  
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13.	Proposal for the grant of Environmental Clearance for the Proposed Gravel quarry lease over an extent of 2.46.5 Ha (Patta Land) in S.F.Nos.485/3, 485/5 & 487/1 of Kondakuppam Village, Walajah Taluk, Ranipet District, Tamil Nadu by Thiru S. Thirumeni.	8898	<p>The authority noted that this proposal was placed for appraisal in this 277<sup>th</sup> meeting of SEAC held on 26.05.2022 and the SEAC decided call for the following details from the PP.</p> <ol style="list-style-type: none"> <li>1. The PP shall furnish the letter from DFO concerned, stating the exact distance of the Venugopalapuram Reserve Forest with respect to the shortest boundary of the project site.</li> <li>2. Soil testing report analysed through approved institution/agencies of Dept Mining &amp; Geology, Govt of Tamil Nadu.</li> </ol> <p>On the receipt of the same further deliberation will be done.</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 26.05.2022.</p>
14.	Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 1.58.0 Ha (Patta Land) in S.F.Nos. 183/3, 194/7 & 194/1 of Viruveedu Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Tmt. N. Susila- For Environmental Clearance	8899	<p>After detailed deliberation, the Authority decided to request the MS/SEIAA-TN to communicate the decision of the 277<sup>th</sup> SEAC meeting held on 26.05.2022 to the Project Proponent.</p>

  
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15.	Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 0.65.75 Ha (Patta Land) in S.F.No. 68/ 2B2 of Rengappanaickenpatty Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru N. Sundar- For Environmental Clearance	8900	After detailed deliberation, the Authority decided to request the MS/SEIAA-TN to communicate the decision of the 277 <sup>th</sup> SEAC meeting held on 26.05.2022 to the Project Proponent.
16.	Proposal for the grant of Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 0.55.5Ha (Patta Land) in S.F.No.267/5, Pogalur Village, Peranampattu Taluk, Vellore District, Tamil Nadu by Thiru G. Nagesh	8901	<p>The authority noted that this proposal was placed for appraisal in this 277<sup>th</sup> meeting of SEAC held on 26.05.2022 and the SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.</p> <p><i>" ... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".</i></p> <p>The Committee noted that the <b>Pullalakuppam Extn RF</b> is located within a distance of 1 km</p>

  
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			<p>from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, <b>decided not to recommend the proposal.</b></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 26.05.2022.</p>
✓ 17.	<p>To consider the proposal for the grant of Environmental Clearance for the Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 1.66.5Ha (Patta Land) in S.F.No.1079, Keelancelithanallur Village, Sankarankovil Taluk, Tenkasi District, Tamil Nadu by M/s. Golden Mines</p>	8902	<p>The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the depth and the quantity as per approved mining plan issued by the Department of Geology &amp; Mining 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.</p> <ol style="list-style-type: none"> <li>1. As accepted by the Project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent for the following activities in Govt High School, Melancelithanallur.</li> <li>2. The proponent shall shift (or) shall leave safety distance for the low/high tension line in the proposed mining area accordingly as recommended in precise area communication &amp; Mine plan approval before executing mine lease and CTO from the TNPCB.</li> </ol>

  
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		<ol style="list-style-type: none"> <li>3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>8. 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.</li> <li>9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</li> <li>10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</li> <li>11. The proponent shall ensure that the activity does not disturb the water bodies</li> </ol>
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and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.

12. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.
13. The proponent shall ensure that the mine closure plan are followed as per mining plan and the mine restoration should be done with native species, and site restored to near original status.
14. The proponent shall ensure that Monitoring be carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.
15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.
16. The proponent shall ensure that the activities shall not disturb the agro biodiversity and agro farms.
17. The proponent shall ensure that the activity shall not result in invasion by invasive alien species.
18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.
19. The proponent shall ensure that activity

  
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		<p>shall not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soils and water.</p> <p>20. 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</p> <p>21. Bio remediation using an microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. 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.</p> <p>23. The proponent shall ensure that the activities should not impact the water bodies/wells in the neighbouring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities should not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity, nor impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities should not disturb the resident and migratory birds.</p>
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|  |  |  | <p>27. The proponent shall ensure the area should be restored and rehabilitated with native trees as recommended SEAC Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration should be done using mycorrhizal VAM, vermicasting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil should be protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the activities should not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities should not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. 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.</p> <p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that activities</p> |
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			should not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.
18.	Proposal for the grant of Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 0.92.0 Ha (Patta Land) in S.F.Nos.744/2(P) and 744(3)(P) of Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu by M/s Tirumala & Company	8905	<p>The authority noted that this proposal was placed for appraisal in this 277th meeting of SEAC held on 26.05.2022 and the SEAC noted that there are permanent structures located within 100 m from the boundary of the proposed quarry and around 20 houses are situated within 300 m radius of the proposed quarry site. SEAC, therefore, decided not to recommend the 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 26.05.2022.</p>
19.	Proposal for the grant of Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 1.58.5 Ha (Patta Land) in S.F.No.92/1B, Maveripatti Village, Harur Taluk, Dharmapuri District, Tamil Nadu by Thiru A. Thirumal.	8906	<p>The authority noted that this proposal was placed for appraisal in this 277<sup>th</sup> meeting of SEAC held on 26.05.2022 and the SEAC decided to obtain following details from the PP.</p> <ol style="list-style-type: none"> <li>1. The PP shall furnish certified EC compliance report obtained from MOEF&amp;CC/TNPCB.</li> <li>2. The PP shall furnish the details on the completion of fencing work around the existing quarry.</li> <li>3. It is found that the existing pit does not have benches. The PP shall, therefore, furnish slope stability action plan involving the realignment of benches (or) stability measures approved by the AD/Mines, DGM</li> </ol>

  
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			<p>for the existing quarry.</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 26.05.2022.</p>
20.	<p>Proposed Gravel quarry lease over an extent of 4.58.5 Ha (Patta Land) in S.F.Nos. 341/1, 341/2, 341/3, 341/5, 342/2, 342/3, 342/4, 342/5, 342/6, 342/7, 342/8 &amp; 342/9 of Manganur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru R. Manoharan- For Environmental Clearance</p>	8907	<p>After detailed deliberation, the Authority decided to request the MS/SEIAA-TN to communicate the decision of the 277<sup>th</sup> SEAC meeting held on 26.05.2022 to the Project Proponent.</p>
21.	<p>Proposal seeking Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 1.92.5 Ha (Patta Land) in S.F.Nos. 88/3, 88/4, 88/8(P) 88/9(P) &amp; 88(10) of Guruppeedapuram Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu by M/s. TVL Oriental Structural Engineers Pvt. Ltd.</p>	8984	<p>The proposal was placed in the 523<sup>rd</sup> Authority meeting held on 21.06.2022. Authority noted that the subject was placed in the 277<sup>th</sup> meeting of SEAC held on 26.05.2022. SEAC has furnished its recommendations to the Authority for <b>granting Environmental Clearance to the Project</b> subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific conditions of SEAC, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan period for 5 years approved by the Department of Geology &amp; Mining subject to the conditions as recommended by SEAC in addition to the following conditions:</p>

  
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		<ol style="list-style-type: none"> <li>1. The EB lines shall be shifted from the project site before executing lease deed.</li> <li>2. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 6.5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</li> <li>3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>8. 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</li> </ol>
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		<p>process of restoration.</p> <p>9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</p> <p>10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>11. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>12. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.</p> <p>13. 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.</p> <p>14. 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.</p> <p>15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>16. The proponent shall ensure that the</p>
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		<p>activities do not disturb the agro biodiversity and agro farms.</p> <p>17. The proponent shall ensure that the activity does not result in invasion by invasive alien species.</p> <p>18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>19. 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.</p> <p>20. 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</p> <p>21. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. 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.</p> <p>23. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities do not in any way affect the</p>
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			<p>water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>27. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations,</p>
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			<p>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.</p> <p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that the activities do not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
22.	<p>Proposal seeking Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 2.93.5 Ha (Patta Land) in S.F.No. 164/9 of Koondaloor Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu by M/s. RS Development and Constructions India Private Limited</p>	9028	<p>Authority noted that the subject was placed in the 277<sup>th</sup> meeting of SEAC held on 26.05.2022. SEAC has furnished its recommendations to the Authority for <b>granting Environmental Clearance to the Project</b> subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific conditions of SEAC, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan period for <b>5 years</b> approved by the Department of Geology &amp; Mining subject to the conditions as recommended by SEAC in addition to the following conditions:</p> <p>1. As per the MoEF&amp; CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the</p>

  
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		<p>revised CER cost is Rs. 7.5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</p> <ol style="list-style-type: none"> <li>2. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed come quarry site the trees may be transplanted in the Greenbelt zone.</li> <li>3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.</li> <li>4. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.</li> <li>5. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.</li> <li>6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.</li> <li>7. 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.</li> <li>8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</li> <li>9. The proponent shall ensure that the</li> </ol>
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		<p>activity does not disturb the biodiversity, the flora &amp; fauna in the ecosystem.</p> <p>10. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.</p> <p>11. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.</p> <p>12. 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.</p> <p>13. 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.</p> <p>14. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>15. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms.</p> <p>16. The proponent shall ensure that the activity does not result in invasion by invasive alien species.</p> <p>17. Actions to be taken to promote agro</p>
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		<p>forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>18. 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.</p> <p>19. 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</p> <p>20. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>21. 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.</p> <p>22. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells.</p> <p>23. 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.</p> <p>24. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC</p>
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		<p>Minutes) to be planted.</p> <p>25. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>26. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).</p> <p>27. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.</p> <p>28. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.</p> <p>29. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>30. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>31. 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.</p> <p>32. The proponent shall ensure that topsoil</p>
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			<p>to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>33. The proponent shall ensure that the activities do not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattles.</p>
✓ 23.	To consider the proposal for the grant of Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 2.02.5Ha (Patta Land) in S.F.No.148/1B1, 148/1A & 148/2B of Olagalampoondi Village, Vikravandi Taluk, Villupuram District, Tamil Nadu by Tmt. V. Sasikala	9127	<p>The Authority after detailed discussion accepts the recommendation of SEAC and the Authority has decided to grant Environmental Clearance 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</p> <ol style="list-style-type: none"> <li>1. As accepted by the Project proponent the revised CER cost is Rs. 10 Lakhs and the amount shall be spent for the following activities in Panchayat Union Middle School, Olagalampoondi before obtaining CTO from TNPCB.</li> <li>2. The proponent shall shift (or) shall leave safety distance for the low/high tension line in the proposed mining area accordingly as recommended in precise area communication &amp; Mine plan approval before executing mine lease and obtaining CTO from the TNPCB.</li> <li>3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed</li> </ol>

  
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come quarry site the trees may be transplanted in the Greenbelt zone.

4. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity.
5. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients.
6. The activity should not result in CO<sub>2</sub> release and temperature rise and add to micro climate alternations.
7. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area.
8. 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.
9. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.
10. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem.
11. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.

  
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|  |  | <p>12. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>13. The proponent shall ensure that the mine closure plan are followed as per mining plan and the mine restoration should be done with native species, and site restored to near original status.</p> <p>14. The proponent shall ensure that Monitoring be carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.</p> <p>15. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.</p> <p>16. The proponent shall ensure that the activities shall not disturb the agro biodiversity and agro farms.</p> <p>17. The proponent shall ensure that the activity shall not result in invasion by invasive alien species.</p> <p>18. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>19. The proponent shall ensure that activity shall not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result</p> |
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		<p>in eutrophication of soils and water.</p> <p>20. 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</p> <p>21. Bio remediation using an microorganisms should be carried out to restore the soil environment to enable carbon sequestration.</p> <p>22. 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.</p> <p>23. The proponent shall ensure that the activities should not impact the water bodies/wells in the neighbouring open wells and bore wells.</p> <p>24. The proponent shall ensure that the activities should not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity, nor impact the water table and levels.</p> <p>25. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>26. The proponent shall ensure that the activities should not disturb the resident and migratory birds.</p> <p>27. The proponent shall ensure the area should be restored and rehabilitated with native trees as recommended SEAC</p>
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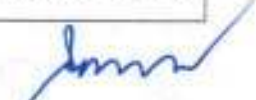
  
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		<p>Minutes (in Appendix).</p> <p>28. The proponent shall ensure that the mine restoration should be done using mycorrhizal VAM, vermicasting, Biofertilizers to ensure soil health and, biodiversity conservation.</p> <p>29. The proponent shall ensure that the topsoil should be protected and used in planting activities in the area.</p> <p>30. The proponent shall ensure that the activities should not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>31. The proponent shall ensure that the activities should not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</p> <p>32. 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.</p> <p>33. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.</p> <p>34. The proponent shall ensure that activities should not impact greenlands/grazing fields of all types surrounding the mine lease area which are food source for the</p>
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			grazing cattles.
24.	Note to consider for Clarification letter received from TNPCB regarding the Industries -EIA Notification, 2006- Industrial estates/parks/complexes, export processing zones (EPZs), Special Economic Zones (SEZ s), Biotech Parks, Leather Complexes- clarification requested on the applicability of EC or Non EC-Reg	C.No: 000780 /2022	After detailed deliberations, the authority decided forwarded the clarification requested by TNPCB and Guidance Bureau to SEAC for the comments and recommendations.

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21/6/22  
MEMBER

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