

MINUTES

516th MEETING

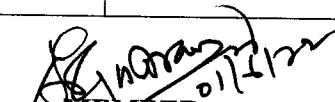
**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMIL NADU**

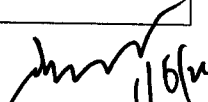
Date: 01.06.2022

MINUTES OF THE 516th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD ON 01.06.2022.

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 515 th meeting of the Authority held on 01.06.2022.		The minutes of the 515 th meeting of the Authority held on 01.06.2022 was confirmed.
b)	The Action taken on the decisions of the 515 th meeting of the Authority held on 01.06.2022.		The Member Secretary informed that 515 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed construction of Multiplex Commercial Complex at S.F. Nos. 542/2A, 542/2B & 543/2 Thirukachoor Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu M/s. A.V.R.N. Hotels Private Limited - For Environmental Clearance	8745	<p>The authority noted that this proposal was placed for appraisal in 271st meeting of SEAC held on 12.05.2022 and the SEAC decided to call for the following details from the project proponent.</p> <ol style="list-style-type: none"> 1. The PP shall furnish the commitment letter from competent authority/local body for fresh water supply and disposal of excess treated sewage water. 2. The details of E waste generation and its disposal shall be provided. 3. The entire roof of the building shall be covered with solar panels and the EMP may be revised accordingly. 4. The proponent company shall adopt 'Environment Policy' to be approved by the Board of the company and shall also create an Environment Management Cell to implement the Policy. 5. The PP has proposed surface car parking


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			<p>involving concretising large area of ground. Instead, the PP shall install a Multi-Level Car Parking (MLCP) and the space released shall be utilised for establishing additional green cover.</p> <p>6. The revised EMP shall include construction of a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, (2) as a flood control measure and (3) as a device which was crucial to the overall eco-system.</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 12.05.2022.</p>
2.	Proposed rough stone and gravel quarry lease area over an extent of 0.94.5 Ha at S.F. Nos. 95/22, 94/23 & 95/24 Chithannavasal Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu by Thiru. R. Sathiyamoorthy - For Environmental Clearance	8761	<p>The authority noted that this proposal was placed for appraisal in 271st meeting of SEAC held on 12.05.2022 and the SEAC decided to call for the following details from the project proponent.</p> <p>The project proponent shall furnish a NOC from Archaeological Survey of India, since the Chithannavasal Archaeological site is located in the vicinity of the proposed site.</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 12.05.2022.</p>


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3.	<p>Proposal seeking Environmental Clearance for the Proposed Rough stone quarry lease area over an extent of 3.45.5 Ha at S. F.Nos. 748/B Thennilai East Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. TPK Sand Crushers Pvt Ltd</p>	8779	<p>The Authority noted that the proposal was placed in the 271st meeting of SEAC held on 12.05.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.</p> <p>The Authority after detailed discussion decided to refer back the proposal to SEAC stating the following:</p> <p>As per the 500m Cluster letter issued by the Deputy Director, Geology & Mining, Karur vide Rc.No.145/Mines/2019 dated 27.08.2021, the total cluster area is above 5 Ha(i.e 3.45.5 Ha + 4.37.0 Ha). Whereas in the affidavit dated 01.07.2021 submitted by the Proponent, the other quarry present within the 500m radius of the proposed mine lease area has been omitted. Hence the said facts may be ascertained.</p>
4.	<p>Proposal seeking Environmental Clearance for the Proposed Rough stone & gravel quarry lease area over an extent of 2.32.0 Ha at S.F.Nos. 792/1, 792/2 & 798/2B Batalapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Royal Mines</p>	8791	<p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>i. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following</p> <ol style="list-style-type: none"> a) Soil health & bio-diversity. b) Climate change leading to Droughts, Floods etc. c) Pollution leading to release of

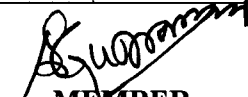

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		<p>Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.</p> <p>d) Possibilities of water contamination and impact on aquatic ecosystem health.</p> <p>e) Agriculture, Forestry & Traditional practices.</p> <p>f) Hydrothermal/Geothermal effect due to destruction in the Environment.</p> <p>g) Bio-geochemical processes and its foot prints including environmental stress.</p> <p>h) Sediment geochemistry in the surface streams.</p> <p>ii. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby water bodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>iii. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of</p>
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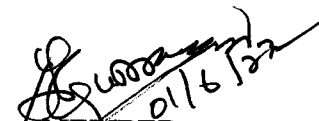

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			<p>mining activity & its related activities.</p> <p>iv. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.</p> <p>v. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>vi. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p>
5.	<p>Proposal seeking Environmental Clearance for the Proposed Rough stone & Gravel quarry lease area over an extent of 2.73.0 Ha at S.F.Nos. 1281/A3A2, 1281/A3B & 1284/1A Punnam Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru K. Arjunan</p>	8795	<p>Authority noted the following:</p> <p>The proposal was placed in the 271st meeting of SEAC held on 12.05.2022. 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 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:</p> <p>1. 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</p>


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			<p>revised CER cost is Rs. 5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes at Panchayat Union Middle School, Punnam Chatiram, Karur before obtaining CTO from TNPCB.</p> <ol style="list-style-type: none"> 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. 3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity. 4. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients. 5. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations. 6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area. 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. 8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.
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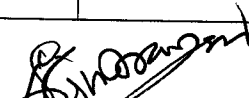

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		<p>9. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem.</p> <p>10. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground 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>
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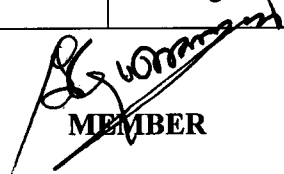

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		<p>17. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.</p> <p>18. The proponent shall ensure that activity does not deplete the indigenous soil seed bank and disturb 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 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</p>
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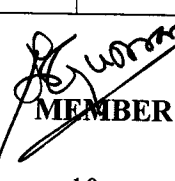
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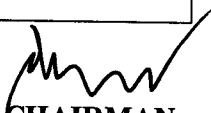


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		<p>trees species (Appendix as per the SEAC Minutes) to be planted.</p> <p>25. The proponent shall ensure that the activities do not disturb the resident and migratory birds.</p> <p>26. The proponent shall ensure the area is restored and rehabilitated 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 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>
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			<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>
6.	<p>Proposed modernization of Hospital S.F.Nos : 240/6, 240/7B, 240/8B, 240/8C, 240/9A, 240/9B, 240/10, 242/3A, 242/5A, 243/1, 243/2, 243/3, 243/4, 243/5, 245/1, 245/2, 245/3, 245/4A, 245/4B, 245/5A, 245/5B, 245/5C, 245/5D, 245/6A, 245/6B, 245/6D, 252/5A, 252/5B, 252/5C, 252/5D, 252/5E, 252/5F, 252/6D, 255/1A, 255/2A1, 255/2B2, 255/2C, 255/2D1, 256, 257/1A, 257/1B, 257/1C, 257/1D, 257/1E, 232/5 & 232/6A, in Irungalur Village, Manachanallur Taluk, Tiruchirapalli District, Tamil Nadu by</p> <p>M/s. SRM Institute of Science & Technology - For Environmental Clearance</p>	8802	<p>The authority noted that this proposal was placed for appraisal in 271st meeting of SEAC held on 12.05.2022 and the SEAC decided to call for the following details from the project proponent.</p> <ol style="list-style-type: none"> 1. The project proponent shall furnish the certified compliance report from MoEf&CC/TNPCB for the earlier EC. 2. Details of organisation's Environment policy and Environment Management Cell. 3. Green cover should be increased by constructing Muti Level Car Parking (MLCP) instead of open parking as proposed. 4. The revised water balance shall be furnished. 5. The PP shall furnish commitment letter from competent authority for fresh water supply and disposal of excess treated sewage water. 6. Floor-wise number of beds and per-bed space/area and whether it meets the norms set by the National Medical Commission. 7. PP has stated that the existing capacity STP & ETP will take care of proposed expansion. PP shall provide detailed supporting calculations. 8. Copies for CTEs and CTOs obtained from


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			<p>TNPCB so far.</p> <p>9. Revised EMP and CER.</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 12.05.2022.</p>
7.	<p>Proposed rough stone & Gravel quarry lease area over an extent of 3.58.0 Ha S.F. Nos. 188(P) of Sholaicheri Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu by Thiru V.P. Gnana Vignesh Babu -For Environmental Clearance</p>	8806	<p>The authority noted that this proposal was placed for appraisal in 271st meeting of SEAC held on 12.05.2022 and the SEAC decided to call for the following details from the project proponent.</p> <p>The project proponent shall furnish a letter from Wild Life Warden, Srivilliputhur indicating the exact distance of the Grizzled Squirrel Sanctuary from the project site.</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 12.05.2022.</p>
8.	<p>Proposal seeking Environmental Clearance for the Proposed Rough stone & Gravel quarry lease area over an extent of 2.51.0 Ha at S.F.Nos. 79/2A (P), 79/2B (P), 81/1(P), 81/2(P), 83/1, 83/2(P), 84/1(P) & 85(P), Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru.G.</p>	8807	<p>Authority noted the following:</p> <p>The proposal was placed in the 271st meeting of SEAC held on 12.05.2022. 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 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</p>


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	Pandurangan	<p>by SEAC in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. 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 revised CER cost is Rs. 6 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes at Panchayath Union Primary School, Kundalapattai Village before obtaining CTO from TNPCB. 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. 3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity. 4. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients. 5. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations. 6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area. 7. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure
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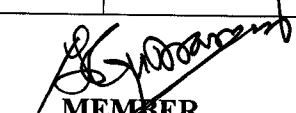

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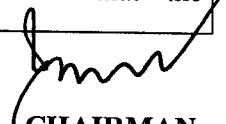

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		<p>composition is buildup, during the process of restoration.</p> <p>8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife.</p> <p>9. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & 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</p>
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			<p>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 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</p>
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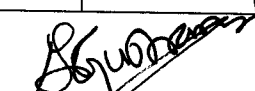
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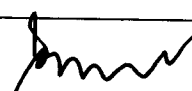


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		<p>water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels.</p> <p>24. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC 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 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,</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>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>
9.	<p>Proposal seeking Environmental Clearance for the Proposed Rough Stone quarry lease area over an extent of 4.00.0 Ha at S.F.No. 81(P), 89/13 & 91/1 Kamatchipuram Village, Thuraiyur Taluk, Tiruchirapalli District, Tamil Nadu by M/s. Kamatchipuram Magalir Kulu Kuttamaipu.</p>	8811	<p>The Authority noted that River Aiyaru is located at a distance of 120m from the proposed site. River Aiyaru is a rich riverine ecosystem. Quarrying activity close to such a river can result in ecological disaster. The free ranging wild life and the flow of water in the river may get impacted. Hence, such environmentally fragile areas, rich in water and Agriculture /Horticulture ecosystem should be completely protected.</p> <p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent.</p> <ul style="list-style-type: none"> To furnish study report on the impact of proposed mining activity on River Aiyaru and nearby fresh water bodies & ground water sources.
10.	<p>To consider the proposal for the grant of Environmental</p>	8814	<p>The Authority noted that the proposal was placed in the 271st meeting of SEAC held on</p>


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	Clearance for the Proposed Rough stone quarry lease area over an extent of 1.09.0Ha at S.F.No.7/4B Perundururai village, Thirumayam Taluk, Pudukkottai District, Tamil Nadu by Thiru. A. Shahul Hameed		12.05.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussions the Authority decided to request the Member Secretary, SEIAA TN to refer back the proposal to SEAC TN stating the following reasons: On perusal of the mining plan, it was noticed that the geological depth of the mine is 50m and the mineable depth is 20m for a period of 5 years. However in the SEAC minutes it is mentioned that the ultimate depth of mining is 56m BGL The said facts may be ascertained.
11.	Proposal seeking Environmental Clearance for the Proposed Rough stone quarry lease area over an extent of 1.37.0 Ha at S.F.No. 275/3, 275/4, 276.1A, 277/2, 277/3A, 277/3C & 277/3D, Chinnaluppoi Village, Gujiliyamparai taluk, Dindigul District, Tamil Nadu by Thiru. V. Perumal	8815	The Authority noted that the proposal was placed in the 271 st meeting of SEAC held on 12.05.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussions the Authority decided to request the Member Secretary, SEIAA TN to refer back the proposal to SEAC TN stating the following reasons: On perusal of the mining plan, it was noticed that the geological depth of the mine is 42m and the depth of proposed mining also is 42m for a period of 5 years. Further there exists a pit to a depth of 6m from the previous mining activity. The said facts may be ascertained.
12.	To consider the proposal for the grant of Environmental	8818	The Authority noted that the proposal was placed in the 271 st meeting of SEAC held on


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<p>Clearance for the Proposed Rough stone & gravel quarry lease area over an extent of 2.42.0Ha at S.F.No.162/5 (P), 162/6 (P) & 162/7(P) Kumbikulam Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tmt P. Selva Azhagi</p>	<p>12.05.2022. 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 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:</p> <ol style="list-style-type: none"> 1. 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 revised CER cost is Rs. 10 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes at Panchayat Union Primary School, Samooga Rengapuram Village before obtaining CTO from TNPCB. 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. 3. The proponent shall ensure that the activities should in no way result in disturbance to forest and trees in vicinity. 4. The proponent shall ensure that the operations shall not result in loss of soil biological properties and nutrients. 5. The activity should not result in Co₂
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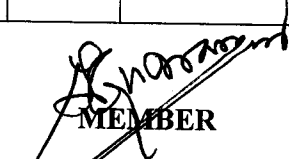

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			<p>release and temperature rise and add to micro climate alternations.</p> <ol style="list-style-type: none"> 6. The mining closure plan should be strictly adhered with appropriate soil rehabilitation measures to ensure ecological stability of the area. 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. 8. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. 9. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. 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. 11. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area. 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. 13. The proponent shall ensure that
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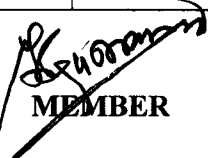

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		<p>Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.</p> <p>14. The proponent shall ensure that the area is ecologically 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 environment to enable carbon sequestration.</p> <p>21. The proponent shall ensure that all</p>
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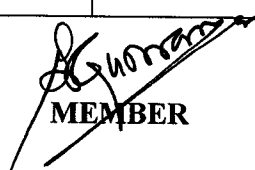

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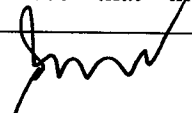

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		<p>mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.</p> <p>22. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and 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 topsoil is protected and used in planting activities in the area.</p> <p>29. The proponent shall ensure that the</p>
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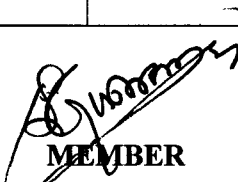

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			<p>activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.</p> <p>30. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoin reserve forests and areas around.</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>
13.	Proposed rough stone & gravel quarry lease area over an extent of 4.19.0 Ha at S.F.Nos. 193/1, 193/2 & 193/3, Chennimalai Village, Perundurai Taluk, Erode District,Tamil Nadu by Thiru. P. Thamilarasu -For Environmental Clearance	8819	<p>The authority noted that this proposal was placed for appraisal in 271st meeting of SEAC held on 12.05.2022 and the SEAC noted that, the PP was not present, hence SEAC decided to defer 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 12.05.2022.</p>


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14.	<p>Proposal seeking Environmental Clearance for the Proposed Gravel quarry lease area over an extent of 1.15.0 Ha at S. F. Nos. 281/5B & 318/2A Keelaramanathi Village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.G.Ramamoorthy</p>	8820	<p>The Authority noted that the proposal was placed in the 271st meeting of SEAC held on 12.05.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.</p> <p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent.</p> <ol style="list-style-type: none"> 1. Between Block A and Block B of the proposed mining lease area, other patta lands are located. Hence the proponent is directed to furnish no objection letter from the owners of the patta lands situated in between the Block A and Block B of the proposed mining lease area. 2. Further three water bodies are located nearby the proposed mine lease area. Hence the Proponent shall furnish study report on the impact of proposed mining activity on the said water bodies & ground water sources.
15.	<p>To consider the proposal for the grant of Environmental Clearance for the Proposed Gravel quarry lease area over an extent of 1.95.0 Ha at S. F. Nos. 217/2 Soodiyur Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.E. Moses</p>	8821	<p>The Authority noted that the proposal was placed in the 271st meeting of SEAC held on 12.05.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.</p> <p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent.</p>


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			<ol style="list-style-type: none"> 1. River Vaigai and three other water bodies are located nearby the proposed mine lease area. Hence the Proponent shall furnish study report on the impact of proposed mining activity on River Vaigai, fresh water bodies & ground water sources. 2. Study report on biodiversity in the vicinity, coastal and marine ecosystem.
16.	To consider the proposal for the grant of Environmental Clearance for the Proposed Quartz & Feldspar quarry lease area over an extent of 1.21.5Ha at S.F.No.131/1C Senapathipalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. E. Suresh	8822	<p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <ol style="list-style-type: none"> i. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following <ol style="list-style-type: none"> a) Soil health & bio-diversity. b) Climate change leading to Droughts, Floods etc. c) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people. d) Possibilities of water contamination and impact on aquatic ecosystem health. e) Agriculture, Forestry & Traditional practices. f) Hydrothermal/Geothermal effect due to destruction in the Environment. g) Bio-geochemical processes and its foot


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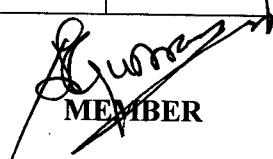

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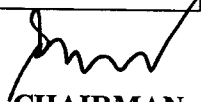
		<p>prints including environmental stress.</p> <p>h) Sediment geochemistry in the surface streams.</p> <p>ii. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby water bodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>iii. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.</p> <p>iv. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.</p> <p>v. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>vi. Detailed Environment Management Plan includes adaptation, mitigation & remedial</p>
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			strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
17.	Proposal seeking Environmental Clearance for the Proposed Black granite quarry lease area over an extent of 1.02.5 Ha at S.F.Nos. 190/1B(Part), 190/1C2(Part) & 191/1(Part) Kathiripatti Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. U.V.R. Granite Exports	8823	<p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>i. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following</p> <ol style="list-style-type: none"> Soil health & bio-diversity. Climate change leading to Droughts, Floods etc. Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people. Possibilities of water contamination and impact on aquatic ecosystem health. Agriculture, Forestry & Traditional practices. Hydrothermal/Geothermal effect due to destruction in the Environment. Bio-geochemical processes and its foot prints including environmental stress. Sediment geochemistry in the surface streams. <p>ii. Hydro-geological study considering the contour map of the water table detailing the</p>

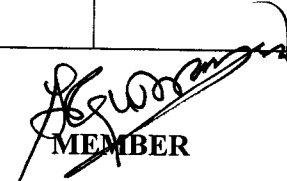

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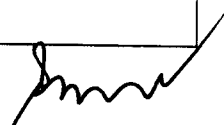

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			<p>number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby water bodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>iii. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.</p> <p>iv. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.</p> <p>v. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>vi. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p>
18.	Proposed rough stone &	8824	The authority noted that this proposal was

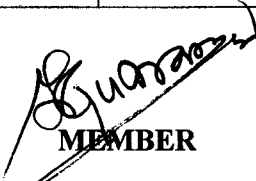

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	<p>gravel quarry lease area over an extent of 1.32.0 Ha at S. F.Nos. 367/27 & 367/2B of Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru. A. Murugan-For Environmental Clearance</p>		<p>placed for appraisal in 271st meeting of SEAC held on 12.05.2022 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>“ ... 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”.</p> <p>The Committee noted that the Balamathi RF and Punganur RF are located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, 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 12.05.2022.</p>
19.	Proposed rough stone quarry lease area over an extent of 1.32.0 Ha at S. F. Nos. 450/3	8826	The authority noted that this proposal was placed for appraisal in 271 st meeting of SEAC held on 12.05.2022 and the SEAC decided to


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	(P), Periyamanjuveli Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Ms M. Devi Renuka-For Environmental Clearance		<p>call for the following details from the project proponent.</p> <p>The project proponent shall furnish the registered lease document from all the owners, since it is joint property.</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 12.05.2022.</p>
20.	To consider the proposal for the grant of Environmental Clearance for the Proposed Rough stone and gravel quarry lease area over an extent of 1.03.62Ha at S. F F. Nos. 51/1B (P),1C(P) & 1D (P), Vittamanaickenpatti village, Namakkal Taluk, Namakkal District, Tamil Nadu by Thiru. B. Vasanth	8829	<p>The Authority after detailed discussion decided to refer back the proposal to SEAC after the receipt of following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>i. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following</p> <ol style="list-style-type: none"> Soil health & bio-diversity. Climate change leading to Droughts, Floods etc. Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people. Possibilities of water contamination and impact on aquatic ecosystem health. Agriculture, Forestry & Traditional practices. Hydrothermal/Geothermal effect due to destruction in the Environment.



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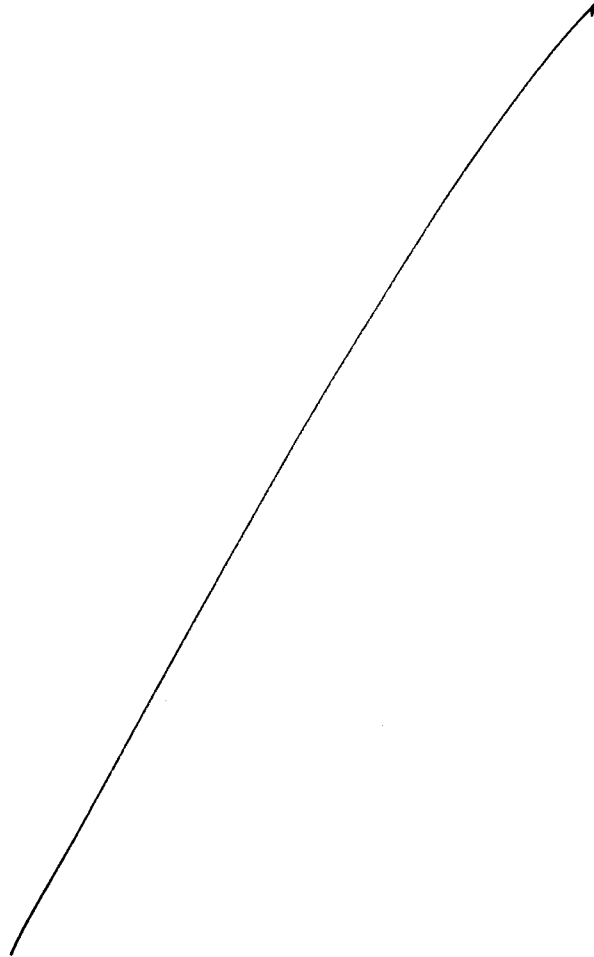
		<p>g) Bio-geochemical processes and its foot prints including environmental stress.</p> <p>h) Sediment geochemistry in the surface streams.</p> <p>ii. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby water bodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>iii. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.</p> <p>iv. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.</p> <p>v. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.</p> <p>vi. Detailed Environment Management Plan</p>
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			includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
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