

MINUTES

601st MEETING

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

Date: 13.03.2023



**MINUTES OF THE 601st MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 13.03.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 600 th meeting of the Authority held on 07.03.2023.		The minutes of the 600 th meeting of the Authority held on 07.03.2023 was confirmed.
b)	The Action taken on the decisions of the 600 th meeting of the Authority held on 07.03.2023.		The Member Secretary informed that 600 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F. No. 45/2C (Part-6) of Atthipadi Village, Tiruvannamalai Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. S. Sathish Narayanan - for Environmental Clearance.	8366	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,18,504 cu.m. of Rough Stone and the annual peak production shall not exceed 24,050 cu.m. of Rough Stone by restricting the depth of mining upto 25m (5M AGL& 20M BGL) as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. The prior Environmental Clearance granted for this mining project shall be valid for the project</p>


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		<p>life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.</p> <ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEF&CC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability.
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			<p>5. The project proponent shall store/dump topsoil generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p> <p>6. The project proponent shall spend EMP cost of Rs. 24.25 Lakhs/ 5 Years as committed.</p> <p>7. 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. 5 Lakhs and the amount shall be spent for the committed activities for the Panchayat Union Middle School, Koppampatty Village as committed, before obtaining CTO from TNPCCB.</p>
2.	Proposed Fire Clay Deposit quarry lease over an extent of 1.78.11 Ha in S.F.No. S.F.Nos. 6/3, 6/4 in Managathi Village, 250/2B, 250/3A, 250/3B2, 250/3C, 250/4, 250/5 in Thathanur (west) Village at Managathi and Thathanur (west) Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by Tmt. R. Aruna- For Environmental Clearance.	7003	<p>The Authority noted that the subject was appraised in 355th meeting of SEAC held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of Fire Clay – 46343 Tonne by restricting the depth of mining up to 8m BGL (2m Topsoil + 6m Fire Clay) as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to</p>


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		<p>the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022. 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5
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			years till the project life to ensure environmental sustainability.
3.	Proposed gravel quarry lease over an extent of 1.32.0 Ha at S.F. Nos.215/8, 215/9, 227/2A, 227/2B, 227/7 & 227/9 of Keelaramanadhi village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu by Thiru. M. Vadivel - For Environmental Clearance.	7964	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. The SEAC noted the following:</p> <ol style="list-style-type: none"> 1. The soil test report dated.09.09.2022 submitted by the proponent obtained from NIT, Trichy indicates the total average % of sand present in the soil is above 40%, i.e. 56%. 2. A water tank is located at a distance of 370 m. 3. Acting on the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021, the Director of Geology and mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, has inter alia, issued the following directions: <ul style="list-style-type: none"> • No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition. • No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc., • No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year. • Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959.


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			<p>In the present case, the Committee, therefore decided not to recommend the proposal for grant of Environmental Clearance since the current proposal attracts the point (i) of letter No. 7240/MM6/2019 Dt. 30.7.2021 of Director of Geology and Mining, Govt of Tamil Nadu, as mentioned above.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per the 355th SEAC minutes. Further, Authority decided to close and record this proposal.</p>
4.	Proposed Rough stone, Jelly and Gravel quarry over a total extent of 2.59.0 Ha at S.F.Nos. 161/2A2, Kasthuriengapuram Part II Village, Tisaiyanvilai Taluk, Tirunelveli District by Thiru M. Subramanian - For Environmental Clearance.	8659	<p>The Authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity restricted to 405250 m³ of rough stone and 5427 m³ of gravel with an ultimate depth of mining upto 42m BGL as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. The prior Environmental Clearance granted for this mining project shall be valid for the</p>

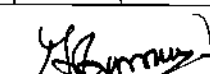

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			<p>project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.</p> <ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability.
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			<p>5. The project proponent shall store/dump Top soil, Weathered Rock & Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p> <p>6. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent towards the Govt Hr Sec School, Athukurichi Village, Tirunelveli District for the activities as committed, before obtaining CTO from TNPCB.</p>
5.	Proposed Rough Stone & gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 165/5(Part), Uttathur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by M/s. C S Mines -For Environmental Clearance	8675	<p>The Authority noted that this proposal was placed for appraisal in this 355th Meeting of SEAC held on 15.02.2023. During the meeting, the Committee noted that the project proponent is absent during the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.</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 15.02.2023.</p>
6.	Proposed Rough stone & Gravel quarry over a total extent of 1.44.0 Ha at S.F.Nos. 100/5, 100/6F, 100/6C, 100/6D & 100/6E of Girijapuram Village, Vembakkam Taluk, and Tiruvannamalai District	8777	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.23. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of</p>

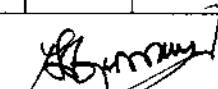

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	<p>by Thiru V.Gopalakrishnan - For Environmental Clearance.</p>	<p>84,020m³ of rough stone and 5244m³ of gravel up to the depth of mining 28m BGL as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022. 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEF&CC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions
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			<p>according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability.</p>
7.	<p>Proposed Rough stone quarry over a total extent of 3.25.0 Ha at S.F.Nos. 33/4, 5, 6, 7, 9, 10, 12, 16, 34/10, 11, 12, 13, 14, 15, 16, 17H, 17I, 17J, 17K, 18, 19A, 19B, 19C, 20, 21, 22A, 22B, 23 & 24(P), Vellanur Village, Kulathur Taluk, Pudukkottai District by Tmt. B. Pandiselvi, - For Environmental Clearance.</p>	8897	<p>The Authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 292665m³ of rough stone with an ultimate depth of mining upto 42m BGL as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent</p>


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		<p>authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.</p> <ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability. 5. The project proponent shall store/dump Top soil, Weathered Rock & Granite Waste generated within the earmarked area of the project site and the
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			<p>utilize the same for mine closure as per the approved mine closure plan.</p> <p>6. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent towards the Govt Primary School and Govt Hr Sec School, Cauvery Nagar, Pudukkottai District for the activities as committed, before obtaining CTO from TNPCB.</p>
8.	<p>Proposed Expansion in Manufacturing of Synthetic Organic Chemicals at Plot No.18, SIDCO Pharmaceutical Complex, S.F.No.237/1 part of Alathur Village, Thiruporur Taluk, Chengalpattu District, Tamil Nadu by M/s. Pure Organic Industries- For Environmental Clearance.</p>	8524	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC in addition to the following condition.</p> <ol style="list-style-type: none"> 1. The Proponent shall store the raw materials within the threshold limit adhering to the guidelines of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended. 2. The project proponent shall provide & maintain adequate capacity STP, ETP with ZLD, & APC measures with treatment & disposal arrangements & adequate storage area for raw materials/solvent/Hazardous/solid wastes, as committed in EMP adhering to the mode of


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		<p>disposal & discharge standards prescribed by the CPCB/TNPCB.</p> <ol style="list-style-type: none"> 3. The project proponent shall provide STP & ETP in the elevated closed area above the ground level. 4. The project proponent shall operate & maintain the STP & ETP with ZLD continuously & efficiently so as to comply with the discharge standards prescribed by the CPCB/TNPCB. 5. No untreated sewage, treated/untreated effluent shall be discharge inside & outside the project premises at any time. 6. The project proponent shall periodically monitor treated/untreated sewage, treated/untreated effluent, Noise levels & AAQ/Stack emission/VOC through the TNPCB laboratory and shall upgrade adequate mitigation measures, safety measures & monitoring mechanism as and when recommended by the competent authority. 7. The project proponent shall provide online/offline sensors/ analyzers for air quality parameters (AAQ/Stack emission), VOC, water quality parameters (sewage/Effluent) linked up to CAC/WQW websites of CPCB/TNPCB for continuous & effective monitoring as recommended by the CPCB/TNPCB before obtaining CTO and shall periodically calibrate the said sensors/ analyzers and submit report to TNPCB. 8. The project proponent shall periodically dispose the Hazardous waste generated as per provisions of Hazardous and Other Wastes
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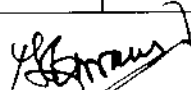

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		<p>(Management and Transboundary Movement) Amendment Rules, 2016 as amended.</p> <p>9. The project proponent shall periodically dispose the solid waste generated as per provisions of Solid waste Management Rules, 2016 as amended.</p> <p>10. The project proponent shall ensure that the project activities do not cause harm to the natural vegetation/water bodies and other natural resources.</p> <p>11. The project proponent shall ensure that the project activities do not cause any damage to the soil and natural seed banks.</p> <p>12. The project proponent shall provide medical facilities, possibly with a medical officer in the project site for continuously monitoring the health of construction workers during COVID and Post - COVID period.</p> <p>13. The project proponent shall ensure that there is no Green House Gases (GHG) emissions resulting in temperature rise and leading to climate changes.</p> <p>14. The project/ project activities should not impact the soil microflora and fauna, biodiversity and water regime of the surrounding area.</p> <p>15. There should not be any leakage or spillover from the project impacting the environment.</p> <p>16. As the plant operation involves sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through outsourced</p>
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			training from the experts available in the field of OHS for ensuring the health standard of persons employed.
9.	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 amendment	8761	<p>The proposal is placed in this 355th SEAC Meeting held on 15.02.2023.</p> <p>SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussion, the Authority with reference to specific condition (I) of SEAC, SEIAA decided to grant Environmental Clearance for production quantity of 27,780 m³ of Rough stone but not exceeding an annual peak production of 6,445 m³ of Rough stone up to an ultimate depth of 17m BGL as per the mine plan, for a period of 5 years as per the mine plan, approved by the Department of Geology & Mining subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'A'</p> <ol style="list-style-type: none"> 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022. 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to


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			<p>ensure that they have all been adhered to and implemented.</p> <p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability.</p>
10.	Proposed Rough Stone & Gravel quarry Lease over an extent of 2.90.5 Ha at S.F.No. 42/1, 42/2, 42/3, 42/4, 42/5 & 42/6 in Mooduthurai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru. A. Chandrasekar – For Environmental Clearance.	8776	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of</p>


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3,23,380m³ of rough stone and 2964m³ of gravel by restricting the depth of mining upto 37m Below Ground Level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.



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11.	Proposed expansion of Active Pharmaceutical Ingredients manufacturing in existing plant at S.F.No 61, Chinna Obulapuram Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu by M/s. Panvo Organics Private Limited - For Environmental Clearance.	8909	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. Based on the presentation and documents furnished by the project proponent, SEAC noted that the proponent has applied for NBWL Clearance since Pulicat Lake is situated within 10 km of the project site. Hence, the SEAC decided to consider the proposal after the submission of NBWL Clearance by the proponent obtained from the competent authority.</p> <p>In view of this, the authority after discussions decided to request Member Secretary, SEIAA to communicate the minutes of the 355th SEAC meeting to the project proponent.</p>
12.	Proposed Rough stone & gravel quarry lease over an extent of 3.47.5 Ha in S.F.No.67/2 & 69, Myleripalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Tmt. S. Selvamani - For Environmental Clearance.	8941	<p>The Authority noted that this proposal was placed for appraisal in this 355th Meeting of SEAC held on 15.02.2023. During the meeting, the Committee noted that the project proponent is absent during the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.</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 15.02.2023.</p>
13.	Proposed Rough Stone and Gravel quarry lease over an extent of 3.66.5 Ha in S.F. Nos. 219/3E(P), 219/3F2(P), 219/3G, 220/3D1, 220/3D2B, 220/3A, 220/3B & 220/3C of Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru T.T.	8950	<p>The proposal is placed in this 355th SEAC Meeting held on 15.02.2023.</p> <p>From the presentation and documents furnished by the project proponent, the SEAC had accepted the clarifications given for the earlier queries raised. However, based on the presentation made by the PP, the SEAC decided to call for the following details from the PP.</p>


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	<p>Satheesan- for Environmental Clearance</p>		<ol style="list-style-type: none"> 1. Since the site is surrounded by vegetation/trees, the PP shall enumerate the details of trees/vegetation around the site and implications of the proposed activity on them. 2. From the KML file it is noted that there are many structures around the site. The PP shall enumerate the details of the structures and its age, type & quality of construction of the structures/sheds with photographs located in 50m, 100m, 200m & 300m along with number of habitants, etc. <p>In addition to above queries, the proponent is requested to submit details for the following queries</p> <ol style="list-style-type: none"> 1. Impact on soil due to the mining activity. 2. Impact on Agriculture. 3. Impact on Water Table and underground water. 4. Impact on the productivity of the surrounding land. <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request SEAC to examine the above-mentioned queries in addition to the queries raised by SEAC. Hence, SEIAA decided to request Member Secretary, SEIAA-TN to communicate the minutes to the proponent.</p>
14.	<p>Proposed Rough Stone and Gravel quarry lease over an extent of 1.78.0 Ha in S.F.Nos. 419/2 & 421 of Kangarakottai Village, Vembkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru K.</p>	8952	<p>The authority noted that this proposal was placed for appraisal in 355th meeting of SEAC held on 15.02.2023 and the committee noted that there are many structures nearby which includes (i) Poultry Farm located at 65m from mine area (ii) Kanmai adjacent to the mine (iii) Crusher located 120m west.</p>


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	Niraj - For Environmental Clearance.		<p>The SEAC noted the provisions of the Tamil Nadu Minor Mineral Concession Rules, 1959 which states as.</p> <p>“....36 (1-A) (a) No lease shall be granted for quarrying stone within 300 metres (three hundred metres) from any inhabited site..”</p> <p>Hence the SEAC decided not to recommend the project.</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 15.02.2023.</p>
15.	Proposed Rough Stone & Gravel quarry lease over an extent of 3.77.0Ha at S.F.No. 409, Kodanthur (North)Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Tvl. Aravinth Blue Metals - For Environmental Clearance	8994	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.23. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 4,43,967m³ of rough stone and 19,032m³ of gravel by restricting the depth of mining upto 37m as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p>


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		<ol style="list-style-type: none">1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEF&CC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC.4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines,
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			& TNPCB every 5 years till the project life to ensure environmental sustainability.
16.	Proposed Earth quarry lease over an extent of 0.97.72 Ha in S.F.Nos. 16/1, 16/2, 16/3, 16/4, 19/11, 19/17, 19/20 (Part) & 19/21 of Kiliyanur Village, Chidambarm Taluk, Cuddalore District, Tamil Nadu by Thiru R. Sivakumar- For Environmental Clearance	9019	<p>The Authority noted that the subject was appraised in 355th meeting of SEAC held on 15.02.2023. The Committee examined the proposal submitted by the proponent in the light of the Director of Geology and mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, has inter alia, issued the following directions:</p> <ul style="list-style-type: none"> • No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition. • No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc., • No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year. • Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959. <p>SEAC noted that the proposed mine lease area is situated close to River Vellar attracting the above direction of the Director of Geology and Mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021. Hence the Committee decided not to recommend for grant of Environmental Clearance for this project.</p> <p>The Authority decided to reject Environmental Clearance for the proposed project based on the recommendations of the Committee and to request the</p>


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			Member Secretary, SEIAA TN to communicate the aforesaid SEAC minutes to the Proponent.
17.	Proposed Ordinary Earth quarry lease over an extent of 0.97.0 Ha at S.F.Nos. 245/3, 245/4, 245/5, 245/4A, 258/1J & 258/3 of Vazhuthigaimedu Village, Ponneri Taluk, Tiruvallur District, Tamil Nadu by Thiru M.R.Prabu - For Environmental clearance.	9025	<p>The Authority noted that the subject was appraised in the 355thSEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 7486 cu.mof Ordinary Earthby restricting the depth of mining upto 2mBelow Ground Level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022. 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 1 year till the project life.


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			<p>They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC as per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 1 year to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be reviewed by the District Collector, AD mines, & TNPCB every 1 year till the project life to ensure environmental sustainability.</p>
18.	Proposed Gravel quarry over an extent of 1.28.0 Ha in S.F.No.116/1 of Thiruvanthipuum Village, Cuddalore Taluk, Cuddalore District, Tamil Nadu by Thiru. P. Muthukumaran- for Environmental Clearance.	9030	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The authority after detailed deliberations, decided to consider the proposal after obtaining the following details from the project proponent:</p>


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			<p>i) The PP shall furnish the detailed report regarding impact on the agriculture, horticulture, soil health, Bio diversity, drainage pattern and water table by this mining activity.</p> <p>ii) Garudan River is located in the vicinity of the project site, hence detailed study on impact to this river by this mining activity</p>						
19.	Proposed construction of Residential Development at R.S. No. 1841/3, Block No 31 of Tondiarpet Village, Division 11 & Zone01, Fort Tondiarpet Taluk, Chennai District, Tamil Nadu by M/S ISP Infrastructures Private Limited - for Environmental Clearance Amendment.	760	<p>The authority noted that the proposal was appraised in the 355th SEAC meeting held on 15.02.2023. The committee has furnished its recommendations to the authority for granting the amendment sought by PP in the EC issued earlier.</p> <p>After detailed deliberation, the Authority decided to accept the recommendations of SEAC and issue the following amendment to the Environmental clearance issued vide Lr.No.SEIAA-TN/F.No.760/EC/8(a)/177/2013 dated 13.06.2013 subject to the conditions mentioned below.</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Amendment issued</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Page 1</td> <td> <p>In Page 1 of 15- Para 2 May be read as</p> <p>It is noted, interalia that the project proposal involves to construct –</p> <p>Block A = 32 Flats Block B = 32 Flats Block C = 32 Flats Block E = 32 Flats Block F = 32 Flats Block G = 32 Flats Block H = 40 Flats Block I = 80 Flats Block J = 96 Flats Block K = 40 Flats</p> </td> </tr> </tbody> </table>	S.No	Description	Amendment issued	1.	Page 1	<p>In Page 1 of 15- Para 2 May be read as</p> <p>It is noted, interalia that the project proposal involves to construct –</p> <p>Block A = 32 Flats Block B = 32 Flats Block C = 32 Flats Block E = 32 Flats Block F = 32 Flats Block G = 32 Flats Block H = 40 Flats Block I = 80 Flats Block J = 96 Flats Block K = 40 Flats</p>
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					<p>Block L = 56 Flats Block M = 40 Flats Block N = 40 Flats Block O = 40 Flats Block P = 40 Flats Block Q = 32 Flats Block R = 40 Flats Block S = 32 Flats Block T = 38 (Residential) Flats</p>
				Page 2	<p>In page 2 of 15 – para 1 May be read as Total no.of dwellings is 806 units.</p>
				Page 2	<p>In page 2 of 15 – para 3 May be read as</p> <p>Solid Waste generation has been projected as 1450.8kd/day of Biodegradable waste – domestic (organic) & 54kg/day of Biodegradable waste – commercial (organic) will be decomposed through organic waste convertor and used as manure for gardening, 967.2 kg/day of Non-Biodegradable (Inorganic) – domestic waste & 36kg/day of Non-Biodegradable (Inorganic) – commercial</p>


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			<table border="1"> <tr> <td data-bbox="839 125 932 443"></td> <td data-bbox="932 125 1107 443"></td> <td data-bbox="1107 125 1493 443"> <p>waste will be handed over to Authorized recyclers and the organic sludge generation from STP of 80kg/day will be used as manure for gardening as reported.</p> </td> </tr> </table> <p>Conditions:</p> <p>i. All other conditions and validity mentioned in the EC dated 13.06.2013 will remain unchanged and unaltered.</p>			<p>waste will be handed over to Authorized recyclers and the organic sludge generation from STP of 80kg/day will be used as manure for gardening as reported.</p>
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20.	<p>Proposed Rough Stone Quarry lease over an extent of 0.70.96 Ha in S.F. Nos. 133/2A, 2B, 3A, 3B, 4 & 142/5C2, 6B, 7A, 7B, Keezhmidalam-A Village, Vilavancode Taluk, Kanniyakumari District by Thiru. C. Climond --For Extension of validity of Environmental Clearance.</p>	3985	<p>The Authority noted that this proposal was placed for appraisal in this 355th Meeting of SEAC held on 15.02.2023. During the presentation, the SEAC had observed the following:</p> <ol style="list-style-type: none"> 1. The proposed quarry site is located in an ecologically sensitive area of Western Ghats and is surrounded by thick vegetation and water bodies. 2. There are many structures located around the proposed site. 3. No proper accessibility to the proposed quarry site is observed. <p>Based on the documents and presentation made by the proponent, SEAC after detailed discussions decided not to recommend this project proposal considering that the site is located in an ecologically rich area with rich vegetation and depletion of fertile topsoil will lead to environmental degradation to flora and fauna in and around the area.</p> <p>In view of the above, the Authority accepted and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 15.02.2023.</p>			


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21.	Existing Grey Granite over an extent of 2.42.0 Ha in S.F.No. 372/3B2 (Part), 372/3B4 (Part), 372/3B5 (Part) & 377/1A (Part) at Jagadevipalayam Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by Thiru. A. V. Elamurugu - For Extension of Validity of Environmental Clearance.	4904	<p>The proposal is placed in this 355th SEAC Meeting held on 15.02.2023.</p> <p>Based on the above MoEF & CC Office Memorandum dated. 13.12.2022 and the presentations subsequently made by the PP, the SEAC decided to recommend the extension of validity of the Environmental Clearance, which PP had submitted the application for extension of validity as per EIA Notification 2006 as on the date of publication of Notification (12/04/2022), stand automatically extended to the validity period of the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, and subject to the terms and conditions stipulated under the provisions of EIA Notification 2006.</p> <p>Authority after detailed deliberation, decided to call for additional details</p> <ol style="list-style-type: none"> 1. The proponent is requested to submit EMP for the approved scheme of mining. 2. The proponent is requested to submit Certified Compliance Report as obtained from MoEF&CC. <p>On the receipt of the aforesaid details, further deliberation shall be done.</p>
22.	Proposed construction of Residential Complex at S.F. Nos. 552/1A1, 553/2B1A, 553/2B2A, 742/2, 743/3B, 744/1B, 744/1C, 745/1A, 745/1B & 745/2 of Sholinganallur Village, Sholinganallur Taluk,	5007	<p>The Authority noted that this proposal was placed for appraisal in this 355th Meeting of SEAC held on 15.02.2023. Based on the presentation and documents furnished by the project proponent, SEAC noted that there is an increase in the height of the buildings and hence this proposal will come under 'expansion' while the PP has applied under</p>


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	Kancheepuram District, Tamil Nadu by M/s. NCC Urban Infrastructure Limited- Amendment for Environmental Clearance.		<p>EC amendment category. The PP has requested for additional time to check with all relevant documents whether this proposal comes under Expansion Category or not. Therefore, SEAC decided to defer this proposal and take up this proposal in ensuing SEAC meeting.</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 15.02.2023.</p>						
23.	<p>Amendment in the earlier issued Environmental Clearance for the proposed Construction of Residential Building at S.F. No: 30/1 (O.S. No. 518/1 Part, 518/2 Part, 518/3 Part, 518/4 Part, 518/5 Part, 528A/1 Part, 528A/2A) of Thiruvottiyur Village, Thiruvottiyur Taluk, Chennai District, Tamil Nadu by M/s. Radiance Realty Developers India Ltd - For Amendment in Environmental Clearance</p>	8775	<p>The proposal is placed in this 355th SEAC Meeting held on 15.02.2023.</p> <p>Based on the presentation & documents furnished by the PP, SEAC decided to recommend for the grant of the following amendment in the Environmental Clearance, issued subject to following specific conditions.</p> <table border="1" data-bbox="837 1030 1500 1512"> <thead> <tr> <th>Description</th> <th>AS PER EC</th> <th>Amendment recommended</th> </tr> </thead> <tbody> <tr> <td>Quantity of Sewage KLD</td> <td>Grey Water Treatment Plant - 175 KLD Sewage Treatment Plant - 110 KLD</td> <td>STP capacity - 285 KLD</td> </tr> </tbody> </table> <ol style="list-style-type: none"> The PP shall operate & maintain the STP in the capacity of 285 KLD of SBR Technology for the period of 10 years. The remaining conditions as stipulated vide vide EC Letter No. SEIAA-TN/F.No. 	Description	AS PER EC	Amendment recommended	Quantity of Sewage KLD	Grey Water Treatment Plant - 175 KLD Sewage Treatment Plant - 110 KLD	STP capacity - 285 KLD
Description	AS PER EC	Amendment recommended							
Quantity of Sewage KLD	Grey Water Treatment Plant - 175 KLD Sewage Treatment Plant - 110 KLD	STP capacity - 285 KLD							


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			<p>8775/EC/8(a)/825/2021 dated: 13.04.2022 are unaltered.</p> <p>Authority after detailed deliberation, decided to call for additional details,</p> <p>1. The proponent is requested to submit revised EIA/EMP due to the change in the proposal for the earlier issued EC vide Letter No. SEIAA-TN/F.No. 8775/EC/8(a)/825/2021 dated: 13.04.2022.</p> <p>On the receipt of the aforesaid details, further deliberation shall be made.</p>						
24.	<p>Amendment in the earlier issued Environmental Clearance for the Proposed construction of high-rise residential building at S.F. Nos:152/1A1A1A1, 152/27& 152/2A1A1A, Valasaravakkam Village, Maduravoyal Taluk, Chennai District by M/s. Radiance Realty Developers India Ltd – For Amendment in Environmental Clearance</p>	8810	<p>The proposal is placed in this 355th SEAC Meeting held on 15.02.2023.</p> <table border="1"> <thead> <tr> <th>Description</th> <th>AS PER</th> <th>Amendment Recommended</th> </tr> </thead> <tbody> <tr> <td>Quantity of Sewage KLD</td> <td>Grey Water Treatment Plant – 140 KLD Sewage Treatment Plant – 85 KLD</td> <td>STP capacity – 225 KLD</td> </tr> </tbody> </table> <p>Based on the presentation & documents furnished by the PP, SEAC decided to recommend for the grant of the following amendment in the Environmental Clearance, issued subject to following specific conditions.</p> <p>1. The PP shall operate & maintain the STP in the capacity of 225 KLD of SBR Technology for the period of 10 years.</p>	Description	AS PER	Amendment Recommended	Quantity of Sewage KLD	Grey Water Treatment Plant – 140 KLD Sewage Treatment Plant – 85 KLD	STP capacity – 225 KLD
Description	AS PER	Amendment Recommended							
Quantity of Sewage KLD	Grey Water Treatment Plant – 140 KLD Sewage Treatment Plant – 85 KLD	STP capacity – 225 KLD							


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			<p>2. The remaining conditions as stipulated vide vide EC Letter No. SEIAA-TN/F.No. 8810/EC/8(a)/831/2022 dated: 12.05.2022 are unaltered.</p> <p>Authority after detailed deliberation, decided to call for additional details,</p> <p>1. The proponent is requested to submit revised EIA/EMP due to the change in the proposal for the earlier issued EC vide Letter No. SEIAA-TN/F.No. 8810/EC/8(a)/831/2022 dated: 12.05.2022.</p> <p>On the receipt of the aforesaid details, further deliberation shall be made.</p>
25.	Proposed Rough stone and Gravel Quarry lease over an Extent of 1.61.0 Ha (Patta land) in S.F.No. 182/2D at Vilangampadi Village, Tindivanam Taluk, Villupuram District, Tamil Nadu by Thiru. R.Manish- For Environmental Clearance.	9326	<p>The Authority noted that the subject was appraised in the 355thSEAC meeting held on 15.02.2022. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,55,560cu.m of rough stone and 24,290 cu.m of Gravel by restricting the depth of mining upto 20m (2m Gravel + 18m Rough stone) Below Ground Level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to</p>

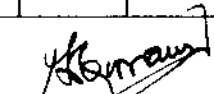

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		<p>the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022. 2. The EC granted is subject to review by District Collector, AD mines and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CCas per the O.M of MoEFCC dated 08.06.2022 while executing a review of the mining plan every 5 years to District Collector, AD mines and TNPCB. If any violation/ non-compliance is observed, the concerned authority shall take necessary action against the project proponent and it shall also be brought to the notice of SEIAA for taking appropriate actions according to the Acts, Regulations, Notifications and Judgements in force. A copy of the review shall be sent to SEIAA/SEAC. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and this should be
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			reviewed by the District Collector, AD mines, & TNPCB every 5 years till the project life to ensure environmental sustainability.
26.	Proposed Punganthurai Magnesite & Dunite Mine Project over an extent of 3.63.5 ha in S.F.No. 527/B1 at Punganthurai Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Er. A. S. Shankar Ganesan – For Terms of Reference.	7589	<p>The Authority after detailed discussion accepts the recommendation of 355th SEAC meeting held on 15.02.2023 and the Authority has decided to grant Terms of Reference (Under violation Category) subject to the additional specific ToRs in addition to the Standard Tor as follows</p> <ol style="list-style-type: none"> 1. Copy of valid mining lease approval obtained from the competent Authority. 2. Letter stating that the quarry lease deed has not been cancelled or terminated and is subsisting as on date. 3. Copy of request letter submitted to the competent authority (Dept. of Geology and Mining / IBM) for renewal of review of scheme of mining plan. 4. Copy of approved review of scheme of mining plan by the competent authority (Dept. of Geology and Mining / IBM). 5. The project proponent shall submit excess mined out quantity during the violation period after 15.01.2016 along with details of existing pit within the proposed mining area and copy of total penalty levied by the AD/DD, Dept of Geology and Mining, Villupuram District and copy of remittance of total penalty by PP. 6. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.


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| | | <ol style="list-style-type: none"> 7. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site. 8. The project proponent shall submit details of case filed against the project proponent under Section 19 of the Environment (Protection) Act, 1986. 9. The limestone quarry involves raw material extraction, transportation and comminution. Therefore, large quantity of diesel and electricity are supposed to be consumed in the production. The diesel fuel and electricity to be consumed to be furnished. 10. What are the green mining technologies to be adopted for reducing GHG/CO₂ emissions and lowering the carbon footprint in the limestone mining. 11. Strategies adopted for safety and healthy mining operations. 12. What are the transparency and accountability system in place during the operation and post-operation period of the project. 13. What are the In-House environmental performance and evolution tools to understand negative impacts of mining. 14. Detailed study to be made on material flow analysis and Life Cycle Assessment (LCA) in the process of production. 15. Through a chart illustration, clarify the cradle to grave approach for extraction of limestone and anticipated emissions, environmental |
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			<p>threats in every stage and mitigation strategy at every stage.</p> <p>16. Project Proponent to study impacts on human health viz respiratory impacts, toxicity impacts and radiation impacts.</p> <p>17. Study to be made on aquatic, terrestrial toxicity, aquatic eutrophication including detailed terrestrial toxicity and their impacts of wildlife and biodiversity.</p> <p>18. What is the total water withdrawal consumption, likely temperature rises and climate change impacts.</p> <p>19. What are the chemical exposures in the limestone mining and risks anticipated to environmental and human health.</p>
27.	Existing Limestone Mine lease over an extent of 4.15.8 Ha Limestone Mine in S.F.No. 824/1B(P), 824/2(P), 824/3(P), 825/1B(P), 825/2B & 825/3B in Varavanai Village, Kadavur Taluk, Karur District, Tamil Nadu by Shri.N.Krishnamoorthy - For Environmental Clearance under Violation.	6221	<p>The authority noted that the subject was appraised in 355th SEAC meeting held on 15.02.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to inform the proponent to furnish the following particulars as recommended by SEAC in the Minutes of 355th SEAC meeting held on 15.02.2023 and also other additional particulars mentioned below:</p> <p>1. Accordingly, the amount prescribed for Ecological remediation (Rs. 4.68 Lakhs), natural resource augmentation (Rs. 3.50 lakhs) & community resource augmentation (Rs. 3.50 Lakhs), totals to Rs. 11.68 Lakhs. Hence the SEAC decided to direct the project proponent</p>


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to remit the amount of **Rs. 11.68 Lakhs** in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. Hence, the proponent shall furnish the same. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.

2. The amount committed by the Project proponent for CER (Rs. 5.00 lakhs) shall be remitted in the form of DD to the beneficiary for the activities as committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
3. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Ac, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
4. 'No Dues Certificate' obtained from the State Government (i.e. Department of Geology & Mining) for the penalty levied by the District Collector, based on the outcome of the Interim Stay ordered by the Madras High Court.
5. The project proponent shall furnish the reason for the delay in developing the green belt and action now being taken to complete the targets.
6. The project proponent shall furnish details on the study made on hydrogeological connectivity.


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			<p>7. Out of the 4.15.8 ha, how much has been already restored under progressive mine closure plan?</p> <p>8. The project proponent shall furnish detailed action plan on mine closure.</p> <p>9. The project proponent shall furnish details on the agricultural productivity in the last 10 years in the surrounding area.</p> <p>10. Map of the mined area, if available shall be furnished.</p> <p>On receipt of the above details, the Member Secretary is requested to place the proposal before the Authority for further course of action.</p>
28.	Proposed Construction of residential buildings at S.Nos. 104/1A, 105/1D1A, 105/1D2, 105/1C1 of Karanai Village, Vandalur Taluk, Chengalpet District by M/s. Casa Grande Danub Homes Pvt Limited- For Environment Clearance.	9637	<p>The Authority noted that,</p> <ol style="list-style-type: none"> 1. The proposal was appraised in the 345th meeting of SEAC held on 10.01.2023. The SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. 2. On perusal of the documents, it was noticed that the project report furnished by the NABET consultant is devoid of requisite information to assess the environmental impact. Further the report is mere a mimeograph of other such construction project reports. Hence the PP/NABET consultant is hereby directed to take sincere effort in preparation of the Conceptual plan and furnish data relevant to the project concerned. 3. The Authority further noted that land documents have not been furnished.


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		<p>After detailed discussions, the Authority directed the proponent to furnish a detailed report on the following within ten working days:</p> <ol style="list-style-type: none"> 1) The proponent shall furnish details on the actions taken to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities. 2) The proponent shall furnish details on the strategies adopted to decarbonize the building. 3) The proponent shall furnish measures taken to mitigate the impact on critically endangered species, biodiversity, etc, due to the modification of the habitat. 4) The proponent shall develop emergency response plan in addition to the disaster management plan. 5) The proponent shall furnish details on building-friendly pest control strategies developed using non chemical measures so as to control the pest population thereby not losing beneficial organisms. 6) The proponent shall furnish the measures taken to prevent the spread of invasive species. 7) The proponent shall furnish detailed plan adopted to reduce carbon footprints and also strategies for climate proofing and climate mitigation. 8) The proponent shall furnish details on strategies developed to ensure the buildings in blocks don't trap heat and become local urban heat islands. 9) The proponent shall furnish details on the sustainability criteria adopted to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.
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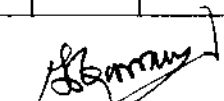

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		<p>10) The proponent shall furnish details on the strategies developed to prevent bird hits.</p> <p>11) The proponent shall furnish details on the provisions made to ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.</p> <p>12) The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan during emergencies.</p> <p>13) The proponent shall furnish details on the strategies adopted to maintain the health of the inhabitants in high rise buildings.</p> <p>14) The proponent shall explain the methodology adopted to control thermal environment and other shocks in the building.</p> <p>15) The proponent shall provide details on the provisions for controlled ventilation and lighting systems.</p> <p>Also, the copy of approval from Competent Authority for source of fresh water source and disposal of treated sewage for avenue plantation or into public sewer shall be furnished.</p> <p>The Project Proponent furnished the details sought vide letter dated: 27.02.2023. Hence, the proposal was placed in the 601st meeting of Authority held on 13.03.2023. After detailed discussions, the Authority accepted the reply finished by the Project Proponent and decided to grant Environmental Clearance as recommended by the SEAC in its 345th meeting of SEAC held on 10.01.2023. subject to the conditions as stated therein & normal conditions stated in Annexure C</p>
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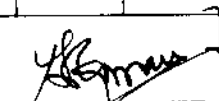

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29.	Proposed to Construction of residential building at S.Nos. 5/1B, 5/2, 18/2A, 18/2B, 18/3, 19/1, 19/2, 21/1, 21/3, 21/4A, 22/1 of Agaramthen Village, Tambaram Taluk, Chengalpet District by M/s Casa Grande Civil Engineering Pvt Ltd,- For Environment Clearance.	9539	<p>The Authority noted the following:</p> <ol style="list-style-type: none"> 1. The proposal was appraised by SEAC in its 344th meeting held on 06.01.2023 and that the Committee has furnished its recommendation for the grant of Environmental Clearance for the project subject to the conditions stated therein. 2. On perusal of the documents, it was noticed that the project report furnished by the NABET consultant is devoid of requisite information to assess the environmental impact. Further the report is mere a mimeograph of other such construction project reports. Hence the PP/NABET consultant is hereby directed to take sincere effort in preparation of the Conceptual plan and furnish data relevant to the project concerned. <p>After detailed discussions, the Authority directed the proponent to furnish a detailed report on the following within ten working days:</p> <ol style="list-style-type: none"> 1. The proponent shall furnish details on the actions taken to reduce anthropogenic GHGs such as CO, CH4, nitrous oxide, etc., resulting from human activities. 2. The proponent shall furnish details on the strategies adopted to decarbonize the building. 3. The proponent shall furnish measures taken to mitigate the impact on critically endangered species, biodiversity, etc, due to the modification of the habitat. 4. The proponent shall develop emergency response plan in addition to the disaster management plan.
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		<ol style="list-style-type: none"> 5. The proponent shall furnish details on building-friendly pest control strategies developed using non chemical measures so as to control the pest population thereby not losing beneficial organisms. 6. The proponent shall furnish the measures taken to prevent the spread of invasive species. 7. The proponent furnish detailed plan adopted to reduce carbon footprints and also strategies for climate proofing and climate mitigation. 8. The proponent shall furnish details on strategies developed to ensure the buildings in blocks don't trap heat and become local urban heat islands. 9. The proponent shall furnish details on the sustainability criteria adopted to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements. 10. The proponent shall furnish details on the strategies developed to prevent bird hits. 11. The proponent shall furnish details on the provisions made to ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues. 12. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan during emergencies. 13. The proponent shall furnish details on the strategies adopted to maintain the health of the inhabitants in high rise buildings.
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			<p>14. The proponent shall explain the methodology adopted to control thermal environment and other shocks in the building.</p> <p>15. The proponent shall provide details on the provisions for controlled ventilation and lighting systems.</p> <p>Also, the copy of approval from Competent Authority for source of fresh water source and disposal of treated water for avenue plantation shall be furnished.</p> <p>The Project Proponent furnished the details sought vide letter dated: 28.02.2023.</p> <p>Hence, the proposal was placed in the 601st meeting of Authority held on 13.03.2023. After detailed discussions, the Authority accepted the reply furnished by the Project Proponent and decided to grant Environmental Clearance as recommended by the SEAC in its 344th meeting held on 06.01.2023 subject to the conditions as stated therein & normal conditions stated in Annexure C.</p>
30.	Construction of residential complex at S.F.No. 24/1, 24/3A1A, 24/3A1B, 24/9, 24/10 & 26/3 of Sundharacholavaram Village, Poonamallee Taluk, Thiruvallur District, Tamilnadu by M/s. R.M.K Construction & Housing - For Amendment in Environmental Clearance	964	<p>The authority noted that the subject was appraised in 350th SEAC meeting held on 02.02.2023. The committee has furnished its recommendations to the authority for granting the amendment sought by PP in the EC issued earlier.</p> <p>The Authority during discussions, noted the following:</p> <ol style="list-style-type: none"> 1. The Project Proponent was issued with Environmental Clearance vide Letter No. SEIAA/TN/F.964/EC/ 8(a)/ 174 /2013 dated: 11.06.2013 in the name of M/s. R.M.K Construction & Housing. 2. Subsequently the PP was issued with


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			<p>amendment in the above said Environmental Clearance vide Letter No. SEIAA/TN/F.964/A/8(a)/2013 dt:16.07.2013.</p> <p>3. Further, the proponent was issued with extension of validity of Environmental Clearance vide Letter No. SEIAA/TN/F.964/A/8(a)/EC-174/2013 dt:17.06.2022.</p> <p>4. Now, the proponent has submitted an application requesting for amendment in the extension EC issued earlier dated.17.06.2022.</p> <p>5. Earlier, the proposal was placed for appraisal in the 595th meeting of the authority. The Authority during discussions noted that there is a discrepancy in the online application submitted by the proponent. Hence, the authority after detailed discussions decided to defer the proposal.</p> <p>6. Accordingly, the proponent has rectified and submitted a fresh amendment proposal in the PARIVESH Portal vide Proposal number SIA/TN/MIS/297900/2023. dated.21.02.2023.</p> <p>In view of this, the authority after detailed deliberations decided to forward the proposal to SEAC for appraisal and remarks.</p>
31.	Proposed Grey Granite Quarry over an extent of 2.10.5 Hectare at S.F.No: 248/3A1B(P) & 248/3B1(P) of Soolamalai Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.C.Rajendran - For Environmental Clearance.	5010	<p>The authority noted that the subject was appraised in the 339th SEAC meeting held on 22.12.2022. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>Earlier, The authority in its 584th meeting held on 12.01.2023, decided to consider the proposal after obtaining the following from the project proponent:</p>


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i) The proponent has stated that the next scheme of mining is submitted for approval from the competent authority and as per the **Rule 12 (5) of MCDR 1988** ".....If approval or refusal of the scheme of mining is not conveyed to the holder of the mining lease within the stipulated period the scheme of mining shall be deemed to have been provisionally approved and such approval shall be subject to final decision whenever communicated....",

In this regard, the proponent shall furnish a copy of the acknowledgement issued by the Dept. of Geology & Mining for the submission of next scheme of mining for approval so as to consider it deemed to be approved.

ii) A letter from the Director/ Assistant Director of Department of Geology and Mining regarding the existing, proposed, lease expired, and abandoned quarries situated within 500m radial distance of the proposed quarry.

iii) A letter obtained from Village Administrative Officer stating the habitations, river bodies, temples, school/colleges and other structures of importance, etc situated in the radius of 300m from the proposed site.

The proponent vide letter dated.23.02.2023, has submitted the above details sought by the Authority. In view of this, the proposal is again placed in this 601st authority meeting.

The Authority after detailed discussions decided to forward the proposal to SEAC for the following:

i) From the details furnished by the proponent, it is noted that the proponent has


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			<p>submitted draft copies of scheme of mining to the Director, Dept. of Geology & Mining for approval on 20.06.2018. The proponent shall furnish details on repeated correspondence made to Dept.of Geology & Mining, if any, for approval after the date of submission.</p> <p>ii) It is not known whether the Director of Geology & Mining department has made any remarks/ objections to the plan submitted. The same shall be verified through relevant proofs/documents.</p> <p>iii) The Committee shall review the other additional details furnished by the proponent and furnish its remarks/recommendations.</p>
32.	Note for the grant of Amendment for Environmental Clearance for the proposed construction of High rise building for residential purpose at S.F.NO: 280/2A1, 280/2B1, 280/5A, 280/5B & 280/5C OF Kottivakkam Village, Sholinganallur Taluk, Kanchipuram District, Tamil Nadu by Thiru.Ramesh Krishnan	8734	<p>The authority noted the following:</p> <p>i) Thiru.Ramesh Krishnan was issued with EC vide Letter No.SEIAA/TN-F.No.8734/EC/8(a)/819/2022 dated 11.04.2022 for the construction of high rise building for residential purpose in S.Nos.280/2A1, 280/2B1, 280/5A, 280/5B & 280/5C of kottivakkam Village, Sholinganallur Taluk, Kanchipuram District, Tamilnadu.</p> <p>ii) Now, he has submitted an application requesting to transfer the EC to 'M/s. Appaswamy Real Estates Limited' vide PARIVESH Online proposal number SIA/TN/MIS/281848/2022.</p>


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			The Authority during discussions noted that the proponent has not submitted the undertaking by the transferee regarding the acceptance of the terms and conditions of EC granted. Hence the authority decided that the proponent shall furnish the same within 15 days from the date of this meeting so as to further process the proposal.								
33.	Proposed Black Granite quarry lease over an extent of 16.72.0 Ha at Yellikaradu (Bit-II),Palamalai RF Village, Mettur Range & Taluk, Salem District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance	4415	<p>The authority noted the following:</p> <p>i) EC was accorded to the project proponent TAMIN vide Lr.No.SEIAA-TN/F.No.4415/1(a)/ EC.No:3889/2016 dated:14.11.2016.</p> <p>ii) Subsequently the PP was issued with amendment in the above said Environmental Clearance vide Letter No. SEIAA/TN/F.No.4415/EC/1(a)/3889A/2022 dt:12.01.2023.</p> <p>iii) Now, the proponent has submitted an application seeking corrigendum in the above amendment EC granted vide letter dated.12.01.2023 as follows:</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>As per Amendment EC dated. 12.01.2023</th> <th>Page No. in EC</th> <th>Corrections requested</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>All other conditions and validity mentioned in the EC dated 14.11.2016 will remain</td> <td>Page no.5 Conditions SI No.4</td> <td>All other conditions mentioned in the EC dated 14.11.2016 will remain unchanged</td> </tr> </tbody> </table>	S.No	As per Amendment EC dated. 12.01.2023	Page No. in EC	Corrections requested	1	All other conditions and validity mentioned in the EC dated 14.11.2016 will remain	Page no.5 Conditions SI No.4	All other conditions mentioned in the EC dated 14.11.2016 will remain unchanged
S.No	As per Amendment EC dated. 12.01.2023	Page No. in EC	Corrections requested								
1	All other conditions and validity mentioned in the EC dated 14.11.2016 will remain	Page no.5 Conditions SI No.4	All other conditions mentioned in the EC dated 14.11.2016 will remain unchanged								


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			<table border="1"> <tr> <td>unchanged and unaltered.</td> <td></td> <td>and unaltered.</td> </tr> </table> <p>In view of this, the proposal is again placed in this 601st Authority meeting. The Authority after detailed deliberations decided to issue the above-requested corrigendum subject to the condition that all other conditions mentioned in the EC dated 14.11.2016 & amendment EC dated.12.01.2023 will remain unchanged and unaltered.</p>	unchanged and unaltered.		and unaltered.
unchanged and unaltered.		and unaltered.				
34.	To consider the proposal for the grant of Environment Clearance for the Rough Stone and Jelly Quarry lease for over an extent of 0.56.66Ha in S.F.Nos. 508/2B3 & 2B4 at Thengapattanam Village, Vilavancode Taluk, Kanniyakumari District, Tamil Nadu by Thiru. K. P. Harichandran	7324	<p>The Authority noted that earlier this proposal was placed in the 146th meeting of SEAC held on 29.02.2020. Based on the presentation made by the proponent and documents furnished, the committee decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the conditions stated therein.</p> <p>Subsequently, this proposal was placed in the 375th Meeting of Authority held on 18.05.2020. After detailed discussion, the Authority decided to defer the proposal for want of clarification on the earlier EC obtained for the same project.</p> <p>The file was once again placed before the 377th meeting of the SEIAA held on 27.05.2020. After detailed discussion the Authority decided to call for the following details from the project proponent,</p> <ol style="list-style-type: none"> 1. The SEAC during 146th meeting decided the following among other things "Based on the google map verification, it was noticed that Bay of Bengal is located at a distance about 500 m from the project site. Hence, the project proponent Hence, the project proponent is requested to clarify whether the proposed 			


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quarrying site falls in the CRZ or not from the competent Authority before placing the subject to SEIAA-TN"

Hence PP shall obtain and furnish a letter from the competent authority regarding the distance of CRZ from the project site.

2. The Assistant Director, Department of Geology and Mining, Kanyakumari vide letter Rc No 190/G&M/2015 dated 06.11.2019, shows that in the proposed area is not in the name of the project proponent and is given as Thiru K.P.Ravichandran and survey numbers are different.

Hence, the PP to obtain and furnish the revised letter from the Assistant Director, Department of Geology and Mining, Kanyakumari, with the correct details.

3. In the approved modified mining plan issued vide letter No 190/G&M/2015 dated 21.07.2017, valid for three years and eight months, ie up to 05.12.2020, submitted by the PP shows that SEIAA has issued EC vide letter No SEIAA-TN / F.No.4260/ EC/1(a)/2413/2015 dated 19.11.2015(Valid for five years'), for SF No 508/283 & 508/284 in Thengapattinam village, Vilaavancode taluk, Kanyakumari District, for an extent of 0.56.6 Ha and production quantity of 25270 m3.

4. In view of valid EC, lease available and valid mining plan period available for the same survey number, extent and production quantity, the PP may clarify as to why the present application has been made for the same survey numbers in the


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		<p>same village, same extent and almost same production quantity.</p> <p>5. The PP may also clarify whether the existing EC can be cancelled in case the existing application is considered for new EC.</p> <p>As directed by the Authority, the letter was sent to the proponent, requesting him to submit the same.</p> <p>The reply of the proponent vide his letter No Nil dated 12.08.2020 was placed before the 395th SEIAA meeting held on 11.09.2020. It was noted by the Authority that the proponent had not replied to the following vital question raised by it in the 377th meeting.</p> <p>In view of valid EC, lease available and valid mining plan period available for the same survey number, extent and production quantity, the PP may clarify as to why the present application has been made for the same survey numbers in the same village, same extent and almost same production quantity.</p> <p>Hence, this proposal was placed in the 395th Meeting of Authority held on 11.09.2020. After detailed discussion the Authority decided to request the MS, SEIAA to call the proponent for a technical presentation before the next Authority meeting.</p> <p>The proponent had appeared before the 396th SEIAA meeting held on 15.09.2020. The proponent had not presented any technical presentation before the Authority. The proponent was not able to present proper replies to the questions raised during the meeting. Hence, the Authority decided to request the MS, SEIAA to call for the following details from the proponent. The proponent to obtain the following</p>
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		<p>details from the DD/AD Mines. Kanyakumari and to furnish the same.</p> <ul style="list-style-type: none"> • The total quantity of year wise production achieved during the EC period till date. • The mineable resources available at present in this quarry as per the approved mining plan. • The time period of the approved Modified Mining period. • The status of existing EC already issued. • Details of the permit issued during the EC period. <p>The above said details so far have not been submitted by the PP. Further, it is submitted that vide letter dated 03.03.2023, the Additional Chief Secretary to Government has requested to furnish remarks on the request of Commissioner of Geology and Mining vide lt.dt: 12.01.2023 to give exemption from obtaining Environmental Clearance by considering this project as linear project as stipulated under Notification issued in S.O.No.1224 (E) dated:28.03.2020 issued by the Ministry of Environment, Forest and Climate Change. With the above remarks, the Authority decided to forward the proposal to SEAC to furnish remarks for further course of action.</p>
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Annexure-'A'

EC Compliance

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.


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3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).
4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Applicable Regulatory Frameworks

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

Safe mining Practices

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


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important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

Water Environment – Protection and mitigation measures

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

Air Environment – Protection and mitigation measures

17. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations.


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18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.
19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

Soil Environment – Protection and mitigation measures

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

Noise Environment – Protection and mitigation measures

28. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
29. The sound at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages


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located close to mining operations. Hence, the PP shall ensure that the biological clock of the villages are not disturbed because of the mining activity.

Biodiversity - Protection and mitigation measures

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

Climate Change

35. The project activity should not in any way impact the climate and lead to a rise in temperature.
36. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
37. Intensive mining activity should not add to temperature rise and global warming.
38. Operations should not result in GHG releases and extra power consumption leading to Climate Change.


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39. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
40. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
41. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
42. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

Reserve Forests & Protected Areas

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

Green Belt Development

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

Workers and their protection


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54. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.
55. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
56. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

Transportation

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

Storage of wastes


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

CER/EMP

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

Directions for Reclamation of mine sites

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


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67. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
68. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.
69. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.
70. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.
71. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
72. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
73. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. The land disturbed should be reshaped for long term use. Mining should be as far as possible be eco-friendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
74. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish


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following the succession process allowing pioneer species to establish. The other approach i.e plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.

75. Action taken for restoration of the site should be specifically mentioned in the EC compliances.

Annexure 'B'

Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual quarry in the form of route map and network.
5. The committee shall deliberate on risk management plan pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the environmental policy devised shall be given in detail.
7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
8. The committee shall furnish the Emergency Management plan within the cluster.
9. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public.
10. The committee shall furnish an action plan to achieve sustainable development goals with reference to water, sanitation & safety.
11. The committee shall furnish the fire safety and evacuation plan in the case of fire accidents.

Impact study of mining


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12. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following

- a) Soil health & soil biological, physical land chemical features .
- 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 prints including environmental stress.
- h) Sediment geochemistry in the surface streams.

Agriculture & Agro-Biodiversity

13. Impact on surrounding agricultural fields around the proposed mining Area.
14. Impact on soil flora & vegetation around the project site.
15. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
16. The Environmental Impact Assessment should study the biodiversity, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
17. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
18. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

Forests

19. The project proponent shall detailed study on impact of mining on Reserve forests free ranging wildlife.
20. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
21. The Environmental Impact Assessment should study impact on standing trees and the existing trees should be numbered and action suggested for protection.


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22. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

Water Environment

23. 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 waterbodies 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 entire mine lease period.
24. Erosion Control measures.
25. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
26. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
27. The project proponent shall study and furnish the details on potential fragmentation impact on natural environment, by the activities.
28. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
29. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
30. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.

Energy

31. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

Climate Change

32. The Environmental Impact Assessment shall study in detail the carbon emission and also suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.
33. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock.

Mine Closure Plan


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34. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

EMP

35. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued.

36. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

Risk Assessment

37. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

Disaster Management Plan

38. 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 covering the entire mine lease period as per precise area communication order issued.

Others

39. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.

40. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

41. The project proponent shall study and furnish the possible pollution due to plastic and microplastic on the environment. The ecological risks and impacts of plastic & microplastics on aquatic environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.

Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.


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2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.
5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
8. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

Health

10. The proponent shall adopt strategies to maintain the health of the inhabitants.

Energy

11. The proponent shall adopt strategies to reduce electricity demand and consumption.
12. The proponent shall provide provisions for automated energy efficiency.
13. The proponent shall provide provisions for controlled ventilation and lighting systems.
14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
15. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
16. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

Regulatory Frameworks

17. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended,


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Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

18. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.
19. The proponent shall provide elevator as per rules CMDA/DTCP.

Database maintenance & audits

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.
21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

Biodiversity

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,.
23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.
24. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.
25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
26. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.
27. The proponent shall adopt strategies to prevent bird hits.

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.
29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.


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30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.
31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
32. The proponent shall provide the emergency exit in the buildings.
33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

Water/Sewage

34. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
35. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
36. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
37. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
38. The proponent shall ensure that provision should be given for proper utilization of recycled water.
39. The project proponent shall adhere to storm water management plan as committed.

Parking

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.

Solid waste Management

41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
42. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

EMP


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43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.

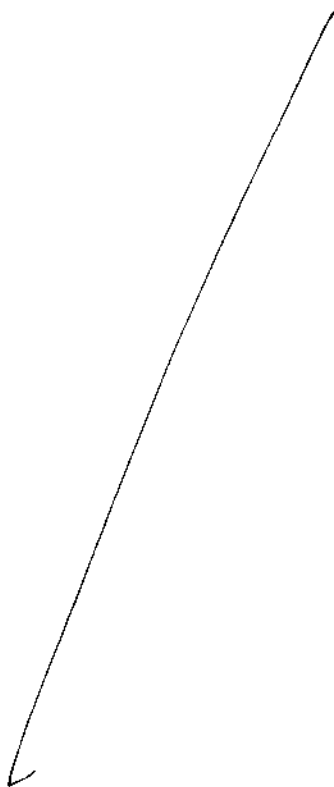
44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.

45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.

Others

46. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.

47. The project proponent shall adhere to height of the buildings as committed.




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