

MINUTES

680th MEETING

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

Date: 18.12.2023

**MINUTES OF THE 680th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 18.12.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 679 th meeting of the Authority held on 13.12.2023.	-	The minutes of the 679 th meeting of the Authority held on 13.12.2023 was confirmed.
b)	The Action taken on the decisions of the 679 th meeting of the Authority held on 13.12.2023.		The Member Secretary informed that 679 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Construction of Hospital Building at S.F.Nos. 65/1A1B, 65/1F, 65/1G1B, 67/1A1, 67/1A2A, 67/1A2B, 67/1B, 67/2A, 67/2B, 67/2C1, 67/2C2, 67/2C3, 67/2C4, 67/2C5, 67/2C6, 67/2C7, 67/2C8, 67/2C9, 67/2D, 67/3A2A, 69/19A, 69/20A, 69/6A1, 69/16A, 69/16B & 69/17 of Uthamasolapuram Village, Salem South Taluk, Salem District, Tamil Nadu by M/s. Govel Trust – For Environmental Clearance. (SIA/TN/INFRA2/442569/2023)	10455	<p>The authority noted that this proposal was placed for appraisal in 424th SEAC meeting held on 16.11.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance to the proposal subject to the conditions as recommended by SEAC in addition to the following conditions in Annexure 'C' of this minutes.</p> <ol style="list-style-type: none"> 1. The project proponent shall dispose the biomedical waste through TNPCB authorized facilitator on daily basis without any accumulation. 2. The project proponent shall provide play area for the Childrens within the hospital premises. 3. All the construction of Buildings shall be energy efficient and conform to the green building norms.


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		<ol style="list-style-type: none"> 4. The proponent shall provide the adequate parking facility for the staffs working in the Hospital, and vehicles of patients, with clear traffic plan. 5. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances 6. All biosafety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP. 7. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities. 8. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly. 9. 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. 10. 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. 11. The proponent shall ensure that provision should be given for proper utilization of recycled water.
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			<p>12. The proponent shall ensure that all trees & biodiversity listed in EIA report to be protected within the premises.</p> <p>13. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.</p> <p>14. All the Buildings shall be energy efficient and confirm to the green building norms.</p> <p>15. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.</p> <p>16. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.</p> <p>17. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>18. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.</p> <p>19. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. There should be sufficient grass lawns and play facility for children.</p> <p>20. The proponent shall provide the emergency exit in the buildings.</p> <p>21. The proponent shall provide elevator as per rules CMDA/DTCP.</p> <p>22. The proponent shall provide adequate capacity of DG set (standby) for the proposed</p>
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			<p>STP so as ensure continues and efficient operation.</p> <p>23. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.</p> <p>24. The project proponent shall adhere to storm water management plan as committed.</p> <p>25. The project proponent shall appoint permanent medical officer in the proposed healthcare facility for continuous monitoring of proper management & regular/daily disposal of Bio-medical waste to TNPCB authorised common bio-medical waste treatment and disposal facility.</p>
2.	<p>Proposed Construction of Residential Building Complex at S. Nos. 476/14, 476/15, 476/16A1, 476/17B1A1A, 476/17B1B, 476/24A1, 476/25A1 & 476/32, Door No. 295, Rajiv Gandhi Road (Old Mahabalipuram Road) of Sholinganallur -1 Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s. Brigade Enterprises Limited – For Terms of Reference. (SIA/TN/INFRA2/446459/2023)</p>	10462	<p>The authority noted that this proposal was placed for appraisal in 424th SEAC meeting held on 16.11.2023, the committee has furnished its recommendations for granting Terms of Reference (ToR) subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) for undertaking the Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the following conditions and the conditions mentioned in 'Annexure D' of this minutes.</p> <p>1. The project proponent shall furnish Inundation certificate obtained from the competent authority and furnish the same along with EIA report.</p>


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			2. The project proponent shall provide play area within the residential complex and same shall be marked in the approved plan/map.
3.	Extension of validity for Environmental Clearance for the construction of residential Apartments at S.No 299/1A, 1B, 2A, 2B, 3A, 3B, 3C, 4B, 300/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 301/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12A, 12B in Pudupakkam Village & S.No. 611B/1A, 2, 3A, 3B, 4B & 612B in Padur village, Chengalpet Taluk, Kancheepuram District Tamil Nadu by M/s. Puravankara Limited – Extension of validity for Environmental Clearance. (SIA/TN/MIS/295419/2022)	1821	<p>The authority noted that the subject was appraised in the 424th (Part-1) meeting of SEAC held on 16.11.2023 and SEAC noted that the project proponent has requested for withdraw of this online proposal no. SIA/TN/MIS/295419/2022 Dt: 20.12.2022 seeking extension of validity for Environmental Clearance as per MoEF&CC OM 13.12.2022 stating that their management has planned for EC amendment and modernization of the existing project and informed that they submitted request for withdraw of this proposal through online vide Lr. Dt: 08.08.2023.</p> <p>Therefore, based on the presentation and documents furnished by the project proponent. SEAC decided to accept and recommend for the project proponents request for withdraw of this online proposal no. SIA/TN/MIS/295419/2022 Dt: 20.12.2022 seeking extension of validity for Environmental Clearance.</p> <p>The Authority after detailed discussions, decided to accept the recommendation of SEAC and decided to grant approval for the project proponents request for withdraw of this online proposal no. SIA/TN/MIS/295419/2022 Dt: 20.12.2022 seeking extension of validity for Environmental Clearance. Hence, this proposal seeking extension of validity for Environmental Clearance shall be closed and recorded.</p>
4.	Proposed Shopping Mall with Multiplex Building Project at	10435	The authority noted that the subject was appraised in the 424 th (Part-1) meeting of SEAC held on


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	Survey. No.110/2, Nanjanapuram Village, Erode Taluk, Erode District, Tamil Nadu by Mr. S. Rajesh – For Environmental Clearance. (SIA/TN/INFRA2/444933/2023)		16.11.2023 SEAC has furnished its recommendations to the authority for granting environmental clearance subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC & normal/standard conditions stipulated by MoEF&CC and the conditions in Annexure 'C' of this minutes.
5.	Proposed Expansion of Production Capacity of Textile Finishing Chemicals from 3682.032 TPA to 18,000 TPA at Plot No. 367, SIDCO Industrial Estate (North Phase), SF.No. 144, 152, 153, 161 & 162 of Ambattur Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu by M/s. Beva Silicones Private Limited - For grant of Terms of Reference. (SIA/TN/IND3/425929/2023)	10331	The authority noted that the subject was appraised in the 424 th SEAC meeting held on 16.11.2023. The project proponent was absent for the meeting. SEAC decided to defer the subject to a later date directing the project proponent to furnish the reason for not attending the meeting. 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 16.11.2023.
6.	Proposed construction of Residential Building – Non High Rise Group development at S.F.Nos. 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 of Goparasanallur Village, Poonamallee taluk, Thiruvallur District, Tamil Nadu by M/s. LML Homes LLP- For Environmental Clearance (SIA/TN/INFRA2/445283/2023)	10436	The Authority noted that the subject was appraised in the 424 th Meeting of SEAC held on 16.11.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to obtain the following details from the PP.


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			<ol style="list-style-type: none"> 1. The PP shall submit a commitment letter for supply of fresh water and disposal of waste water from the Competent Authority. 2. The PP shall obtain Demolition certificate for the existing building in the proposed project area and submit a plan for disposal of Construction debris. 3. The proponent shall furnish NOC for flood inundation point of view obtained from the Competent Authority. 4. The project proponent shall provide a detailed plan indicating entry and exit points for the OSR area, play area as per the norms for the public usage. 5. The proponent shall provide sufficient grass lawns and play facilities for children and submit a detailed plan for the same. 6. The PP shall conduct a detailed traffic congestion study through a reputed institution and furnish the report for the same.
7.	Proposed construction of Residential Building with 1008 Dwelling Units at East Cementary Road, S.Nos. 1651/2(p), Block No.23, Tandiarpot, Chennai District, Tamil Nadu by M/s. Tamil Nadu Urban Habitat Development Board- For Environmental Clearance. (SIA/TN/INFRA2/445145/2023)	10457	<p>The Authority noted that the subject was appraised in the 424th Meeting of SEAC held on 16.11.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to obtain the following details from the PP.</p> <ol style="list-style-type: none"> 1. The PP shall submit a commitment letter for supply of fresh water and disposal of waste water from the Competent Authority.


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			<ol style="list-style-type: none"> 2. The PP shall obtain Demolition certificate for the existing building in the proposed project area and submit a plan for disposal of Construction debris. 3. The proponent shall furnish NOC for flood inundation point of view obtained from the Competent Authority. 4. The project proponent shall provide a detailed plan indicating entry and exit points for the OSR area, play area as per the norms for the public usage. 5. The proponent shall provide sufficient grass lawns and play facilities for children and submit a detailed plan for the same. 6. The PP shall conduct a detailed traffic congestion study through a reputed institution and furnish the report for the same.
8.	Proposed Reconstruction of 8 blocks [G+04] Floors with 500 Residential units at Gandhinagar in T.SNo. 4 of Block no .7 and T.SNo. 4A of Block no. 8 of Ayanavaram Village, Perambur Taluk, Chennai District, Tamil Nadu by M/s. Tamil Nadu Urban Habitat Development Board - For Environmental Clearance. (SIA/TN/INFRA2/445023/2023)	10464	<p>The Authority noted that the subject was appraised in the 424th Meeting of SEAC held on 16.11.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to obtain the following details from the PP.</p> <ol style="list-style-type: none"> 1. The PP shall submit a commitment letter for supply of fresh water and disposal of waste water from the Competent Authority. 2. The proponent shall furnish NOC for flood inundation point of view obtained from the Competent Authority.

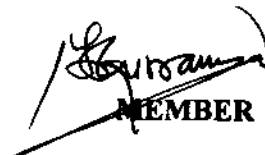

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			<p>3. The project proponent shall provide a detailed plan indicating entry and exit points for the OSR area, play area as per the norms for the public usage.</p> <p>4. The proponent shall provide sufficient grass lawns and play facilities for children and submit a detailed plan for the same.</p> <p>5. The PP shall conduct a detailed traffic congestion study through a reputed institution and furnish the report for the same.</p>
9.	Proposed Establishment of Common Bio Medical Waste Treatment Facility (CBMWTF) at S.F.No. 245(6pt, 7pt), Plot No. S8-A and S8-B, Ingur Village, SIPCOT Industrial Park, Perundurai Talluk, Erode District, Tamil Nadu by M/s. ECO Trees India Private Limited - For Term of Reference. (SIA/TN/INFRA2/439966/2023)	10339	The Authority noted that the subject was placed in the 424th meeting of SEAC held on 16.11.2023 and the SEAC has called for explanation from the PP for not attending the scheduled meeting for the second time consecutively.
10.	Proposed Expansion Construction of Warehouse & Industrial Shed Build-up Area from 84147.06 Sq.m to 419133.13 Sq.m at Mannur and Valarpuram Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. J. Matadee Free Trade Zone Private Limited - For Term of Reference. (SIA/TN/INFRA2/441603/2023)	10374	The Authority noted that the subject was placed in the 424 th meeting of SEAC held on 16.11.2023 and the SEAC has SEAC has furnished its recommendations for the grant of Terms of Reference (ToR) for EIA study subject to the conditions stated therein. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant Terms of Reference (ToR) based on studies, assessments and records to be produced as sought by the SEAC and SEIAA, for undertaking the Environment Impact Assessment Study and preparation of Environment Management Plan


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			subject to the conditions as recommended by SEAC & normal conditions and conditions in Annexure 'D' of this minutes.
11.	Proposed Construction of Residential building by M/s. Jain Builders and Developers Represented by its Authorized Signatory Mr. S. Palaniappan at S. No. 139/2C of Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu Tamil Nadu - For Environmental Clearance. (SIA/TN/INFRA2/444938/2023)	10445	<p>The authority noted that the subject was appraised in the 424th (Part-1) SEAC meeting held on 16.11.2023.</p> <p>The Committee discussed the matter and recommended a grant of environmental clearance. Authority after detailed deliberation, decided to call for additional details</p> <ol style="list-style-type: none"> 1. Based on the KML file submitted by the proponent in Parivesh Portal and google imagery, it is ascertained that <ol style="list-style-type: none"> (i) There is a building next to the proposed site in the name Anayna Phase I. <p>Hence, PP shall submit the following details as follows</p> <ol style="list-style-type: none"> (a) The Built-up area of the building which stands next to the proposed site. (b) The distance between the existing building and the proposed building. (c) The CTE and CTO obtained from TNPCB. (d) Building planning permission and Completion Certificate obtained from the competent authority. 2. The Proponent shall submit Environmental Management Plan for 10 years. <p>Upon the receipt of above said details, further deliberation shall be done.</p>
12.	Proposed Multi-Storied Residential Group Development by M/s.	10452	The authority noted that the subject was appraised in the 424 th (Part-1) SEAC meeting held on


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	<p>Alliance Budget Housing India Pvt Ltd at S.F.Nos 88/2, 89/2 pt, 90/2 pt, 91/2 pt, 92/2 pt, 95 pt, 96/1 pt, 96/2 pt, 97/1 pt, 97/2 pt, 98 pt, 129/2 pt, 130/1, 130/2, 131, 132/1, 132/2, 132/3, 133/1, 133/2, 133/3, 133/4, 134/2, 134/1A, 134/1B, 143pt, Plot No. 17-1 of Mahindra World City, Paranur Village, Chengalpattu Taluk, Chengalpattu District, Tamil Nadu - For Environmental Clearance. (SIA/TN/INFRA2/445880 /2023)</p>		<p>16.11.2023.</p> <p>The Committee discussed the matter and recommended a grant of environmental clearance. Authority after detailed deliberation, decided to call for additional details</p> <ol style="list-style-type: none"> 1. Based on the documents furnished by the proponent in Parivesh Portal, it is ascertained that <ol style="list-style-type: none"> (i) Paranur Lake is at a distance of 0.05 Km. (ii) Tirutteri Reserved Forest is at a distance of 0.14 Km. <p>Hence, PP shall submit the following details as follows</p> <ol style="list-style-type: none"> (a) Impact on the above-mentioned Lake and Reserved Forest and appropriate mitigation measures. (b) The proponent shall submit Inundation certificate obtained from TN-WRD. <ol style="list-style-type: none"> 2. The Proponent shall submit Environmental Management Plan for 10 years. <p>Upon the receipt of above said details, further deliberation shall be done.</p>
13.	<p>Proposed Expansion of Existing mall (Mall, Multiplex, Restaurant, Food Court) and Proposed Guest House & Residential Development at Survey Nos. 199/1A, 200, 201, 206 & 205 Part of Saravanampatti Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by</p>	10432	<p>The authority noted that the subject was appraised in the 424th SEAC (Part-1) meeting held on 16.11.2023. Based on the presentation and details furnished by the project proponent, the Committee decided to call for the following additional details from the project proponent to decide further on the proposal:</p> <ol style="list-style-type: none"> i) The project proponent shall submit a Certified Compliance Report as per the MoEF&CC


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	<p>M/s. Alliance Mall Developers Co Pvt. Ltd - For Environmental Clearance (SIA/TN/INFRA2/445436/2023)</p>		<p>O.M dated.08.06.2022 for the previous EC obtained from SEIAA dated.03.05.2013 & from MoEF&CC dated.06.01.2017.</p> <p>ii) Commitment letter from competent authority for supply of fresh water shall be furnished.</p> <p>iii)The proponent shall furnish details of energy consumption met through green energy.</p> <p>iv)The proponent shall complete the green belt development as specified in the earlier ECs dated.03.05.2013 & 06.01.2017 and shall furnish a detailed roadmap for the development of greenbelt with 3895Nos. of trees.</p> <p>v) The proponent shall furnish affidavit of undertaking duly signed by the signatory authority as specified in Point no. 13 of the schedule circulated.</p> <p>vi)The proponent shall furnish details on the existing Solid Waste Management practices.</p> <p>The authority noted the minutes of SEAC.</p>
<p>14.</p>	<p>Proposed Construction of additional residential and public buildings in Existing Township "Anuvijay Township" Kudankulam Nuclear Power Project at S.No. 51/85, 470/475, 482, 483, 518/532 etc of Chettikulam Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by M/s. Nuclear Power Corporation of India Ltd (NPCIL) - For Amendment in Environmental</p>	<p>3296</p>	<p>The authority noted that this proposal was placed for appraisal in 424th meeting of SEAC held on 16.11.2023. The SEAC noted that the project proponent has not attended 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 16.11.2023.</p>


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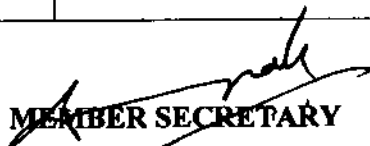
	Clearance. (SIA/TN/MIS/295756/2022)		
15.	Expansion of high-rise residential building at S.F.Nos.108B/2, 109/1, 109/2, 109/4A3, 109/4A4, 111/1CIA, 111/1CIB, 112/1, 112/2, 112/4, 112/5, 113/1, 113/2, 113/3, 114/2, 114/3A, 114/3B, 114/3C, 114/4, 114/5, 114/6, 114/7, 115/1, 115/2, 115/3, 115/4, 116, 117/1, 117/2, 117/3, 117/4, 117/5, 117/6, 120/1, 121/2, 122/1A, 122/1B, 122/2, 123/1, 123/2, 123/3, 123/4, 123/5, 123/6, 123/7, 124/2, 124/3, 124/4, 124/5, 125/1A, 125/1B, 125/2A, 125/2B, 126, 127/1, 127/2, 127/3A, 127/3B, 128/1, 128/2, 128/3, 128/4, 128/5, 129/1, 129/2, 130/1, 130/2A, 130/2B1, 130/2B2, 130/3, 130/4, 131, 132/2A, 132/2B, 133/1, 133/2, 134/1, 134/2A, 134/2B, 134/2C, 136/1 & 136/2 of Melakottaiyur Village, Vandalur Taluk, Chengalpet District, Tamil Nadu by M/s. Casagrand Magnum Private Limited - For Environmental Clearance. (SIA/TN/INFRA2/443505/2023)	10398	<p>The authority noted that the subject was appraised in the 424th SEAC (Part-1) meeting held on 16.11.2023. The SEAC noted that, earlier the PP has applied for expansion vide Proposal No. SIA/ TN/ INFRA2/ 443505/ 2023 dated 08.09.2023. Now the PP request for modification and amendment in the existing proposal. The PP stated that he will withdraw expansion application and apply for modification of EC. Hence the committee decided that the PP shall apply a fresh application for modification of EC.</p> <p>The authority noted that subsequently, the proponent has submitted an application in the PARIVESH Portal seeking amendment in the earlier issued EC dated.04.03.2023 (File No.9420) vide Proposal No. SIA/TN/MIS/306487/2023 dated.17.11.2023. The above proposal was forwarded to SEAC for seeking remarks.</p> <p>In view of the above, the authority decided to defer this proposal until SEAC furnishes it's remarks on the amendment request of the proponent in the Proposal No. SIA/TN/MIS/306487/2023 dated.17.11.2023 (Offline No. 9420).</p>
16.	Proposed production enhancement from 2.00 MTPA to 6.97 MTPA (ROM-Limestone & Marl) in existing limestone quarry (GO	9739	The authority noted that earlier, the subject was placed in 674 th Authority meeting held on 20.11.2023. The Authority noted that vide minutes dated 02.11.2023 of 420 th meeting of SEAC, the

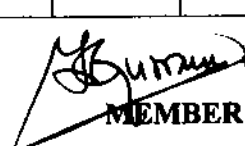

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<p>No.76) over an extent of 166.005 Ha at S.F Nos. 39/8, 40, 41/1, 47/1, 47/3, 47/4, 47/11, 49, 50, 51, 52, 53/1, 55/1 (P), 55/15, 101, 102/20, 104/1A, 104/15, 104/24, 110/2, 110/3, 110/4, 110/15, 111/1, 111/2, 112/1, 112/8, 112/11B, 112/12, 112/14A, 112/15, 113/1, 113/3, 114/1, 114/6, 114/7, 114/11, 114/12, 114/13, 114/14, 114/15, 114/17A, 114/17B, 114/18, 114/19, 115/1, 115/3, 115/4, 115/6, 115/7, 115/9, 115/10, 116/1, 116/2, 116/3, 117/1, 117/2, 117/3, 117/4, 117/5, 117/6, 117/7, 117/8, 118/1, 118/3A, 118/3C, 118/5, 118/10, 119/1, 119/19B, 120, 121/1, 121/7A, 121/18, 121/19, 122, 135/1, 135/2, 136/1, 136/3, 136/7, 136/10, 136/11, 136/12, 136/13, 136/14, 137/1, 137/2, 137/3, 137/6, 137/7, 138/1, 138/2, 139/1, 139/2, 139/3, 139/4, 139/5, 139/6, 139/7, 140/1, 140/2, 140/3, 140/4, 140/6B, 252, 254/4, 254/7, 254/8, 254/9, 254/10, 254/11, 254/12, 254/13, 258/1, 259/6, 260/3, 260/7, 260/9, 260/13, 260/16, 260/18, 268/1(P), 403 of Kallakudi Village (97.955 Ha), S.F Nos. 54/1, 54/2, 55, 56, 57, 58(P), 59/1B(P), 60, 61/8, 72/1, 72/3(P), 73/1, 73/3, 73/5, 74/1, 75, 77/4(P), 78/5(P), 78/7(P), 78/8A, 79/1A(P), 79/1B, 79/2, 79/6,</p>	<p>Committee has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>After detailed discussions and based on the details provided by the proponent and on review of the KML file uploaded in the Parivesh portal, the Authority has decided to sought the following additional details from the Project Proponent:</p> <ol style="list-style-type: none"> 1) It is mentioned that the depth of Water table is at 60m-65m BGL (Post Monsoon), 70m BGL (Pre-Monsoon) and the depth of Quarrying is 47m to 118.5m BGL. As mining at 118 mtrs will intersect the water table at 45 mtrs what are the innovative, sustainable and precautionary principles additionally adopted to prevent disturbance to ground water table and to support effective ground water management. 2) Has there been another study conducted on hydrogeological, hydrological, geothermal and hydrothermal conditions besides the current study. 3) Will the deep mining impact the soil structure stability impacting biodiversity, adjoining patta lands, agriculture and livelihood. 4) Innovative technologies and sustainable mining practices being adopted to prevent water, air and noise pollution 5) Anticipated tectonic disruptions, changes to water courses and adjacent water basins due to mining. 6) Will disturbance to the gypseous, phosphoric nodules and minerals of chemical origin result
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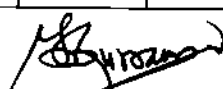

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<p>80/1, 81/1B, 81/3, 81/4, 82, 83, 85/2, 86/1, 87, 88/1, 89/1, 92(P), 93/1D, 94/7(P), 95/8(P), 140A/1, 147/1 of Kovandakurichi Village (66.820 Ha) and S.F No. 32 of Venkatachalapuram Village (1.230 Ha), Lalgudi Taluk, Trichy District, Tamil Nadu by M/s. Dalmia Cement (Bharat) Limited - For Environmental Clearance. (SIA/TN/MIN/443674/2023)</p>	<p>- - -</p>	<p>in evaporates adding to air and water pollution and disturbance to the topsoil and red earth.</p> <p>7) Effective actions planned for management of dump wastes.</p> <p>8) The PP shall furnish NOC-Ground water clearance obtained from the competent authority (SG & SWRDC, WRD, Tharamani) for carrying out the dewatering operations during mining.</p> <p>9) The PP shall furnish the "Temporary Guidelines" details submitted to the Government for issuance of NOC to Mining industries in the State by the Department.</p> <p>10) The PP shall furnish the water quality monitoring data for the Surface water, Ground water & Drinking water quality by taking water samples at different locations in and around the quarry site and in the core zone and analyse the same through NABL accredited laboratory and furnish the report.</p> <p>11) The PP shall obtain prior permission from the Competent Authority of State Government for extraction of ground water and furnish the same. The PP has to construct the recharge structures/borewell in the nearby areas within the core zone of 1 km and formation of percolation ponds/deepening of existing ponds to improve ground water regime and furnish the report before applying for CTE.</p> <p>12) The PP shall furnish a Standard Operating Procedures (SoP) for carrying out the transportation of mineral from the mines to the concerned plants located at Dalmiapuram &</p>
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		<p>Ariyalur enumerating the deployment of watch guards to manage the traffic at critical junctions, speed governance of trucks, etc.,</p> <p>13) The PP has informed about the Carbon Footprint in Mining. In this regard the PP has to furnish the details regarding different Carbon capture methods and how to reduce the Carbon footprint during mining operation and whether any projects initiated by the project proponent and furnish the same.</p> <p>The proponent vide letter dated 16.12.2023 has replied to the above details sought by SEIAA. In view of this, it was again placed in this 680th SEIAA meeting held on .12.2023.</p> <p>The Authority after examining the reply/details furnished by the proponent and also 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 3,48,50,000 T of Limestone & Marl up to the ultimate depth of 118.5m below ground level and the annual peak production should not exceed 69,70,000 T of Limestone & Marl. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. The PP shall adopt innovative, sustainable and precautionary principles to prevent disturbance to ground water table and to support effective ground water management.
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2. The PP shall maintain the soil structure stability, biodiversity and ensure that no disturbance to the adjoining patta lands, agriculture and livelihood due to its mining activity.
3. The PP shall maintain the hydrogeological, hydrological, geothermal and hydrothermal conditions as per norms during its mining activity.
4. The PP shall adopt innovative technologies and sustainable mining practices to prevent water, air and noise pollution.
5. The PP shall ensure that no disturbance to the water courses and adjacent water basins due to its mining activity.
6. The PP shall adhere to the air and water environment standards in and around mining area.
7. The PP shall maintain proper management of dump wastes.
8. The PP shall furnish NOC-Ground water clearance obtained from the competent authority (SG & SWRDC, WRD, Tharamani) for carrying out the dewatering operations during mining before applying for CTO.
9. The PP shall furnish the "Temporary Guidelines" details submitted to the Government for issuance of NOC to Mining industries in the State by the Department.
10. The PP shall monitor the water quality for Surface water, Ground water & Drinking water by taking water samples at different


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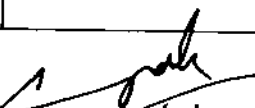
			<p>locations in and around the quarry site and in the core zone and analyse the same through NABL accredited laboratory and furnish the report at regular intervals.</p> <p>11. The PP shall obtain prior permission from the Competent Authority of State Government for extraction of ground water and furnish the same. The PP has to construct the recharge structures/borewell in the nearby areas within the core zone of 1 km and formation of percolation ponds/deepening of existing ponds to improve ground water regime and furnish the report before applying for CTE.</p> <p>12. The PP shall always comply the Standard Operating Procedures (SoP) for carrying out the transportation of mineral from the mines to the concerned plants located at Dalmiapuram & Ariyalur and deployment of watch guards to manage the traffic at critical junctions, speed governance of trucks, etc.,</p> <p>13. The PP shall adopt suitable Carbon capture methods to reduce the Carbon footprint during mining operation.</p> <p>14. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p> <p>15. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to</p>
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			<p>ensure that they have all been adhered to and implemented.</p> <p>16. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.</p> <p>17. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCCB, SEIAA & IRO of MoEF&CC once in every 6 months.</p> <p>18. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCCB, SEIAA & IRO of MoEF&CC.</p> <p>19. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.</p> <p>20. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCCB, SEIAA & IRO of MoEF&CC.</p>
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		<p>21. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>22. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>23. The proponent shall take mitigation measures for all the suggestions made by the Public.</p>
17.	<p>File No: 10255/2023</p> <p>Proposed Gravel quarry lease over an extent of 2.47.0 Ha at S.F.Nos. 85/4 and 85/5A of Malaikandan village, Karaikudi Taluk, Sivagangai District, Tamil Nadu by Thiru. R.Suresh Kumar - For Environment Clearance. (SIA/TN/MIN/437583/2023)</p> <p>The Authority noted that the subject was placed in the 412th meeting of SEAC held on 29.09.2023 and the SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein. After detailed discussions, the Authority decided to calling for the following additional particulars from the PP:</p> <p>1. KML file reveals there is intensive agriculture surrounding the proposed project site which will be impacted by the proposed mining activity. Hence the PP shall furnish the letter obtained from the Director, Department of Agriculture stating the productivity status and productive potential of the proposed mine lease area.</p>	


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2. PP shall elaborate the "own purpose" for mining Gravel.

The PP furnished the reply vide letter dated 07.12.2023. Hence the subject was taken up for discussion in this 680th meeting of Authority held on 18.12.2023. The Authority noted that the PP has furnished the following reply among other things:


SEIAA Query	PP's reply
PP shall elaborate the "own purpose" for mining Gravel.	As mentioned in page No.92 of PFR, 29 of Form -1, 12 of form -1 M "the excavated Gravel will be used for construction industries for Government & Public sector projects besides catering domestic housing and infrastructure projects" and not used for own purpose. In case any where in the report submitted by us if it is mentioned as "own Purpose", I would like to humbly submit that it is a mistake and may please be ignored.

After detailed discussions, the Authority decided to refer back the subject to SEAC for furnishing remarks on the above reply of PP.

18.	Existing Area Development Project at S.No:179B, 209/2B, 209B/3, 210/2B, 210/3, 213, 214, 302/2, 304, 305/1, 306/2, 307, 308, 309, 311/2A, 311/2B, 377, 379, 382, 383, 384, 385/2, 385/3, 395/1, 395/2, 395/3, 396, 397/1, 397/2, 399/1, 399/2, 400, 401/1, 401/2, 402, 403, 404, 405/1, 405/2, 406, 407, 408, 409, 410/1, 410/2, 411, 412, 413, 414/1, 414/2, 415, 416, 420, 421/1, 422, 423, 424, 425/1, 425/2, 427, 430, 431, 432, 433, 435, 436/1, 436/2, 436/3, 436/4, 437, 438/1, 439/1, 442/1, 443/1, 443/2, 426, 428, 429 of G.Kallupatti, Ganguvarpatti Village, Periyakulam Taluk, Theni District,	10217	The subject was earlier placed in the 657 th meeting of Authority held on 25.09.2023. The Authority noted that the subject was placed in the 406 th meeting of SEAC held on 01.09.2023 and the SEAC has furnished its recommendations for the grant of Terms of Reference for the EIA study under violation category subject to the conditions stated therein. The Authority after detailed discussion decided to seek the following additional details from the PP: 1. Remittance details of Environment Compensation of Rs.3,00,00,000/- (Rupees Three Crore only) to the Tamil Nadu Pollution Control Board within a period of 3 (Three) Months as directed by the Hon'ble National Green Tribunal (SZ) vide its order dated 01.08.2022.
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<p>Tamil Nadu by M/s. Bahri Estates Private Limited— Terms of Reference under violation. (SIA/TN/INFRA2/436311/2023)</p>	<ol style="list-style-type: none"> 2. Action plan prepared by the Tamil Nadu Pollution Control Board in coordination with the District Collector – Theni District for carrying out the restoration or remediation activities (if any) required in that area as directed by the Hon'ble National Green Tribunal (SZ) vide its order dated 01.08.2022. 3. Mitigation measures suggested by the National Board for Wildlife to minimize the impact of the project activity on Kodaikanal Bird Sanctuary and the same shall be carried out by the PP under the supervision of the Principal Chief Conservator of Forest or an officer not below the rank of Chief Conservator of Forest and Chief Wildlife Warden as designated by the Principal Chief Conservator of Forest (HoFF) and Chief Wildlife Warden, State of Tamil Nadu, as directed by the Hon'ble National Green Tribunal (SZ) vide its order dated 01.08.2022. 4. MS-SEIAA TN to address the Principal Chief Conservator of Forest requesting him to furnish the status of compliance of the Mitigation measures suggested by the National Board for Wildlife to minimize the impact on Kodaikanal Bird Sanctuary. 5. NOC obtained from the District Forest Officer, Kodaikanal Forest Division for total land area of the project site. 6. DTCP approval obtained for the project and copy of land documents for all the survey numbers of the project site.
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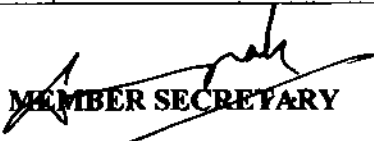
		-	<p>7. Details of all the water bodies located in/ passing through the project site.</p> <p>The PP furnished the reply vide letter dated 14.12.2023 Hence the subject was taken up for discussion in this 680th meeting of Authority held on 18.12.2023. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant Terms of Reference (ToR) ^{under violation} based on studies, assessments and records to be produced as sought by the SEAC and SEIAA, for undertaking the Environment Impact Assessment Study and preparation of Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions and conditions in Annexure 'D' of this minutes and the following conditions:</p> <p>The PP shall comply with all the directions issued by the Hon'ble National Green Tribunal (SZ) vide its orders dated 01.08.2022 in O.A. No. 149 of 2016(SZ) & M.A. No. 46 of 2017 (SZ) and necessarily furnish the supporting documents for all the directions issued by the Hon'ble Court along with the EIA report.</p>
19.	Proposed Expansion of Existing Paints and Water-based polymers manufacturing industry at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Asian Paints Limited –For Environmental Clearance under	5700	The Authority noted that the subject was appraised in the 404 th SEAC meeting held on 25.08.2023. The SEAC has observed that the Expansion of Existing Paints and Water-based polymers manufacturing industry at Plot No. E6, E7, F6 pt, F7 pt, F11, F12 & F13, SIPCOT Industrial Park, Pondur, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu under violation Category comes under the “High level Ecological damage category” as per the


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	<p>Violation- (SIA/TN/IND2/21322/2016)</p>	<p>report submitted by the sub-committee. Hence, The Committee decided to recommend the proposal for grant of Environmental Clearance subject to the conditions stated therein, in addition to the normal conditions. 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 404th SEAC meeting held on 25.08.2023.</p> <ol style="list-style-type: none"> 1. The project proponent shall remit the amount prescribed for Ecological remediation (Rs. 300 lakhs), natural resource augmentation (Rs. 300 lakhs) & community resource augmentation (Rs. 282 lakhs), totaling Rs. 882 lakhs shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control board, before obtaining Environmental Clearance and submit the acknowledgement of the same to SEIAA-TN. The funds should be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report. 2. 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. <p>The proponent vide letter dated: 11.12.2023 furnished a reply to the details sought by SEIAA. In view of the</p>
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		<p>above, the proposal is again placed in this 680th Authority meeting held on 18.12.2023. The Authority noted the following:</p> <ul style="list-style-type: none"> i) The proponent vide letter dated.11.12.2023 has furnished the copy of Bank Guarantee obtained in favour of TNPCB as recommended by SEAC. ii) Further, TNPCB has filed a court case against the proponent in the Judicial Magistrate Court, Sriperumbudur vide case Number: CC/9832/2023. <p>In view of the above, the Authority accepted the recommendation of SEAC and decided to grant post Environmental Clearance subject to the conditions as recommended by SEAC, normal/standard conditions stipulated by MoEF&CC, in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. The project Proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a Period of one year as committed. If not, the bank guarantee will be forfeited to TNPCB without further notice. 2. Industry shall also operate ETP & APC measures and to provide appropriate monitoring mechanism to ensure continuous operation. 3. At no point of time the Industry should not discharge treated/untreated effluent inside / outside the premises. 4. The proponent shall ensure the zero-liquid discharge.
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			<ol style="list-style-type: none"> 5. The project proponent shall maintain the Green belt area not less than 33% of the land area all along the periphery of the unit and maximum green belt shall be maintained. Selection of plant species shall be as per the CPCB guidelines in consultation with the District Forest officer. 6. The project proponent, their activities should not cause harm to the natural vegetation/water bodies and other natural resources. 7. The project proponent shall ensure the activities should not cause any damage to the soil and natural seed banks. 8. The project proponent shall provide medical facilities, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period. 9. The project proponent, there should be no Green House Gases (GHG) emissions. The result in temperature rise and leading to climate changes.
20.	Proposed Rough Stone Quarry lease over an extent of 5.00.0 Ha at S.F. Nos: 329(Part-4) of Halekottah Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by Thiru.P. Subramani for Environmental Clearance (SIA/TN/MIN/54924/2020)	7688	<p>The Authority noted that the subject was earlier appraised in the 396th meeting of SEAC held on 28.07.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. Subsequently, the subject was placed in 647th meeting of Authority held on 21.08.2023. The Authority noted the following</p> <ol style="list-style-type: none"> 1. Earlier, The PP has obtained quarry lease for a period of Ten Years from 22.05.2008 to 21.05.2018. Due to forest objection, the issue


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			<p>of transport permits was stopped and PP had been directed to stop the quarrying activity in the proposed area.</p> <ol style="list-style-type: none"> 2. Subsequently, the District Forest Officer, Hosur after verification had Stated that the S.F.No.329 of Halekottah Village of Hosur Taluk had been classified as unassessed waste in Revenue records and further he had stated that the Forest Department has no objection for carrying out rough stone quarrying activity in S.F.No.329. 3. Hence the lessee Thiru. P. Subramani had been allowed to continue the quarrying activity in the said area and dispatch slip had been issued to him from 28.02.2013 up to the lease period. 4. The Hon'ble High Court Madras vide the order dated 11.03.2019 in W.M.P.No.40403 & 40404/2018 in W.P No.34852/2018 had allowed the writ petition with a direction to the respondents to extend lease for the non-operative period of four years (2009 to 2013). 5. Subsequently, District Collector, Krishnagiri in the precise area letter no. Roc.126/2018/Mines dated 29.07.2019 extended the lease period for a further period of Four Years from the date of issue of transport permit. 6. The mining plan is for the period of four years (01.08.2019 to 31.07.2023) & production is 499018m³ of Rough stone. The ultimate depth is 71m (36m AGL & 35m BGL).
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		<p>After detailed discussions, the Authority decided to obtain the following details from the Proponent for further course of action.</p> <ol style="list-style-type: none"> 1. From the kml uploaded by the PP in the parivesh portal and the documents furnished by the PP, it is construed that the proposed site has been quarried after 2016. Hence, the PP shall submit a letter from AD mines reporting the current environmental conditions of the project site and details/status/work carried out during earlier lease period. 2. The proponent shall submit the Year wise bulk transport permit (as per appendix XII – TNMMCR, 1959) issued by the competent authority and last permit details. 3. The proponent shall furnish the Copy of Environmental Clearance and CTO obtained for the earlier lease period if any. 4. The PP shall furnish a letter from AD/DD mines stating that the project will not fall under violation category. 5. The PP shall furnish the details of W.P No.34852/2018. 6. The mining plan is for the period of four years (01.08.2019 to 31.07.2023) got expired. Hence, the PP shall submit a Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining. 7. As per the mining plan, the quarry was not operated for the period from 06.05.2009 to 08.05.2013 and lease was granted for a non-
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		-	<p>operative period of Four Years from the date of issue of transport permit. What is the quantity to be quarried in the non-operative period. Is the quantity to be quarried in the non-operative period same as the quantity to be quarried in the proposed further period of Four Years.</p> <p>8. The PP shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological structures etc.,</p> <p>Based on the Proponent's reply vide letter dated:08.12.2023, the subject was again placed before the 680th Authority meeting held on 18.12.2023. Further the Authority noted the following from the letter obtained from the DD (G&M) vide lr. dated:20.11.2023,</p> <p><i>"...During violative period i.e 15.01.2016 to 10.01.2017 the project proponent had transported 45000 cbm of rough stone from the subject project without obtained EC, hence it falls under violative category and for the same, deemed notice was issued to the tune of Rs.1462500/- vide District Collector letter Rc.No.1042-1/2018/Mines and so far the ex-lessee has not remitted the penalty amount."</i></p> <p>After detailed discussion, the Authority decided to request the Member Secretary SEIAA-TN to refer back the proposal to SEAC-TN to obtain remarks on the reply submitted by the PP for the above queries.</p>
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			In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.
21.	Proposed Construction of High Rise Residential Building at S.F.No. 108B/2, 109/1, 109/2, 109/4A3, 109/4A4, 111/1C1A, 111/1C1B, 112/1, 112/2, 112/4, 112/5, 113/1, 113/2, 113/3, 114/2, 114/3A, 114/3B, 114/3C, 114/4, 114/5, 114/6, 114/7, 115/1, 115/2, 115/3, 115/4, 116, 117/1, 117/2, 117/3, 117/4, 117/5, 117/6, 120/1, 121/2, 122/1A, 122/1B, 122/2, 123/1, 123/2, 123/3, 123/4, 123/5, 123/6, 123/7, 124/2, 124/3, 124/4, 124/5, 125/1A, 125/1B, 125/2A, 125/2B, 126, 127/1, 127/2, 127/3A, 127/3B, 128/1, 128/2, 128/3, 128/4, 128/5, 129/1, 129/2, 130/1, 130/2A, 130/2B1, 130/2B2, 130/3, 130/4, 131, 132/2A, 132/2B, 133/1, 133/2, 134/1, 134/2A, 134/2B, 134/2C, 136/1 & 136/2 Melakottaiyur Village, Vandalur Taluk, Chengalpet District, Tamilnadu by M/s. Casagrand Magnum private limited - For Environmental Clearance Amendment.	9420	<p>The authority noted the following:</p> <p>i) EC was issued to the project proponent vide Lr. No. SEIAA-TN/F.No.9420/EC. No:926/2023, dated: 03.04.2023 under project category 'B1', Schedule 8(b) of EIA notification, 2006, as amended.</p> <p>ii) Now, the proponent has submitted an application in Form-4 vide Proposal No. SIA/TN/MIS/306487/2023 dated.17.11.2023, seeking amendment in the total land area, total built-up area, dwelling units, project description, total water requirement, sewage generation, STP capacity, greenbelt, solid waste generation, total project cost, etc., mentioned in the EC dated.03.04.2023.</p> <p>iii) Further on perusal of the file, it was found that as per the earlier EC issued dated.03.04.2023, the project involves construction of 4 blocks with combined basement & stilt floor for Block - 1,2 & 3 and whereas the proponent now seeks amendment for constructing 4 blocks with combined double basement for block 1, 2, 3 & 4.</p> <p>iv) Further, it was found that the proponent has previously submitted a fresh proposal vide File.10398 (Online number:</p>

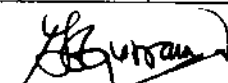

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			<p>SIA/TN/INFRA2/443505/2023, Dated: 08.09.2023) seeking expansion in the earlier EC dated.03.04.2023.</p> <p>v) The File.10398 was placed in the 424th SEAC meeting held on 16.11.2023. During the meeting, the PP stated that he will withdraw expansion application and apply for modification of EC. Hence the committee decided that the PP shall apply a fresh application for modification of EC.</p> <p>vi) As per MoEF&CC O.M dated.05.05.2022, “..... 5. Accordingly, matter has been examined and it has been decided that any change in Configuration/planning/design of the appraised Building Project for which EC was granted Shall not require Amendment of EC, Subject to no Change in (i) Built Up Area (ii) Floor Area Ratio (FAR) (iii) Change in exterior Spaces/green belts, parking, walkways and driveways that are Covered including attics and outdoor sports courts. Further there shall be no Change in the designated use of the Building, Number dwelling Units, height of the Building, Number of floors & basement and total excavation of Earth of the Building/Construction</p>
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			<p><i>/township/area development Project so as not to require any Change in the already approved Environmental impact Analysis (EIA) and Environmental management Plan (EMP)</i></p> <p>6. <i>The above dispensation Shall be applicable Subject to the project Proponent filling an Application in prescribed format on PARIVESH Portal and obtaining a Self-generated acknowledgement to this effect from Portal.</i></p> <p>7. <i>Any addition, alteration, modification in the Conceptual plan, as Stated at para- 6 of the EIA Notification 2006, for which Prior EC was Granted other than the Changes Falling under the Category of permissible Change as explained in para 5 Above which result in the increase in pollution of any type beyond the approved levels necessitating fresh EIA/EMP shall be treated as Violation and Shall be dealt with accordingly as per the Provisions of the Office memorandum sated 7th July 2021...."</i></p> <p>In view of the above, the authority noted that:</p> <ol style="list-style-type: none"> 1. The proponent has modified the project plan to which EC was granted previously vide Lr. No. SEIAA-TN/F.No.9420/EC. No:926/2023, dated: 03.04.2023.
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2. Earlier, the proponent proposed to construct combined basement of 1 floor + stilt + 36 floors. Now, the proponent is proposing to construct combined basement of 2 floors + Ground Floor + 36 floors. Hence, it is ascertained that the PP is proposing to construct additional basement below ground level with respect to earlier issued EC. Though the PP is claiming that there is no increase in Built-up area in the earlier issued EC, **PP is proposing to increase the number of basements (floors) below the ground level.**

Since there is increase in the number of basements, **quantity of earth to be excavated will be higher** when compared to the earlier submitted EIA Report for which ToR was issued.

3. Further, from the NOC issued by the PWD Department, it was ascertained that the proposed land area forms part of Melakotaiyur Eri's Nanjai Land.

Further, it was noted that the PWD inundation letter was with respect to the Melakotaiyur Eri which is located 1km (as per the details furnished by the proponent in the PPT uploaded in the PARIVESH Portal) from the project site. However, it was noted from the PPT submitted by the proponent in the PARVESH Portal that a Periya Eri is located at a distance of 40m from the project site.

Hence, the proponent may obtain a fresh inundation letter from PWD/whichever


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		<p>competent department to which the lake Periya Eri belongs to as additional basement is being proposed.</p> <p>4. Further, additional safety measures to be adopted during the construction phase with respect to soil stability due to the proposed double basement has not been furnished by the proponent.</p> <p>5. Since, double basement is proposed, additional soil test may have to be carried out and examined as the foundation will be deeper when compared with the earlier proposed plan to which EC dated.03.04.2023 was issued.</p> <p>In view of the above, the authority is of the opinion that the current modified plan will completely alter the earlier approved Environment Impact Analysis & the Environment management plan. Further, the authority is of the view that the current proposal involves modification of single basement to double basement has to be treated as expansion since it is an expansion below the ground level (sub-structure).</p> <p>Hence the authority decided that the SEAC may furnish its remarks on whether the proponent's modification request can be processed as amendment or requires fresh ToR study & EIA report in the light of MoEF&CC O.M.dated.05.05.2022.</p> <p>In view of the above, the authority decided to forward proposal to SEAC for seeking remarks on the above mentioned points.</p>
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Annexure 'A'

a) **EC Compliance**


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

b) 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, Biological diversity Rules, 2004 & TN Forest Act, 1882 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

c) 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


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Institutions as a safety precautionary measure to avoid untoward accidents during mining operation.

8. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

d) 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.

e) Air Environment – Protection and mitigation measures


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17. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations.
18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.
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.

f) 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.
28. Activities should not result in invasion of site by exotic and alien plant and animal species and disturb the native biodiversity and soil micro flora and fauna.

g) Noise Environment – Protection and mitigation measures


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

h) Biodiversity - Protection and mitigation measures

31. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
32. 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.
33. 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.
34. 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.
35. 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.

i) Climate Change

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


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39. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
40. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
41. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
42. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
43. 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.

j) Reserve Forests & Protected Areas

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

k) Green Belt Development

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


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l) Workers and their protection

55. 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.
56. 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.
57. 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.

m) Transportation

58. 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.
59. 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.

n) Storage of wastes


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

o) CER/EMP

61. The CER should be fully implemented and fact reflected in the Half-yearly compliance report.

62. The EMP shall also be implemented in consultation with local self-government institutions & Govt. departments.

63. The follow-up action on the implementation of CER Shall be included in the compliance report.

p) Directions for Reclamation of mine sites

64. 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.

65. 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.

66. 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.

67. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.

68. 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.


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69. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.
70. 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.
71. 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.
72. 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.
73. 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.
74. 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.
75. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following the succession process allowing pioneer species to establish. The other approach i.e plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.
76. Action taken for restoration of the site should be specifically mentioned in the EC compliances.


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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

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.


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- 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.
- 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


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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

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.


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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.
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.


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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.

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


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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 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

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


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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.

Annexure - 'D'

1. Impacts on Energy requirement.
2. Impacts on living System (air ,water ,soil & micro organism).
3. Impacts on terrestrial & aquatic within and surrounding areas.
4. 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 furnish the detailed EMP mentioning all the CER activities as committed with the action plan.
5. All the construction of Buildings shall be energy efficient and confirm to the green building norms.
6. The proponent shall provide adequate parking facility for vehicles of all the workers & visitors.
7. The proponent shall ensure that no treated or untreated trade effluent/sewage discharged outside the premises under any circumstances.
8. The disaster management and disaster mitigation standards to be seriously adhered to avoid of calamities.
9. The proponent shall provide the action taken for reduction of green house gas emissions to support the climatic action to make it sustainable buildings.
10. The project proponent shall furnish the action taken to provide adequate parking space for visitors of all inmates including clean traffic plan.
11. The project proponent shall furnish the action taken to improve water usage efficiency in the building.
12. The project proponent shall conduct detailed study of biodiversity flora & fauna including invasives /endemic vulnerable species.
13. The project proponent shall furnish NOC obtained from competent authority that there is no encroachment of water bodies (including canals).
14. The project proponent shall furnish impact of Green House Gases emissions and climate change likely due to activities.
15. The project proponent shall conduct detailed soil investigation including microflora /fauna.
16. The project proponent shall study impact on livelihoods of locals.
17. The project proponent shall furnish List of trees available in the area.
18. The project proponent shall study impact of activities on water bodies/wetlands.
19. The project proponent shall conduct studies on invasive and alien species.


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