

MINUTES

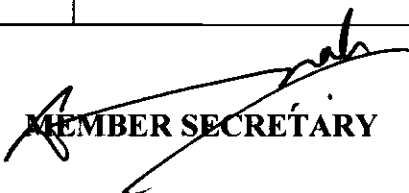
662nd MEETING

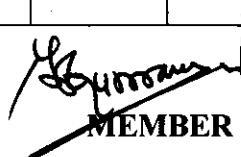
**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMIL NADU**

Date: 16.10.2023

**MINUTES OF THE 662nd MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 16.10.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 661 st meeting of the Authority held on 09.10.2023 & 10.10.2023.		The minutes of the 661 st meeting of the Authority held on 09.10.2023 & 10.10.2023 was confirmed.
b)	The Action taken on the decisions of the 661 st meeting of the Authority held on 09.10.2023 & 10.10.2023.		The Member Secretary informed that 661 st Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Existing Limestone Quarry Lease over an extent of 1.90.5 Ha at S.F.Nos. 833/4B, 836 (P) & 843/2 of Varavanai Village, Kulithalai Taluk, Karur District, Tamil Nadu by Thiru. S. Sekhar - For Environmental Clearance under violation category (SIA/TN/MIN/438560/2023)	6557	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. Based on the presentation and documents furnished by the proponent and considering the provisions of MoEF&CC's notifications and office memorandums, the Committee noted that</p> <ol style="list-style-type: none"> 1. The proponent's request to amend the earlier issued Terms of Reference under violation category to exempt from public hearing was rejected in the 298th SEAC meeting held on 22.07.2022. 2. Further, the proponent has not conducted public hearing despite the fact that the proponent's request to exempt from public hearing was rejected previously and subsequently, the proponent had submitted an EIA report in PARIVESH portal vide online proposal number SIA/TN/MIN/438560/2023 dt:30.07.2023 without public hearing. 3. Further, the proponent shall resubmit EMP after making changes wherever required based on public hearing.


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			<p>4. The proponent shall submit Scheme of Mining approved by IBM.</p> <p>Hence, the Committee decided to direct the proponent to (1) conduct public hearing and submit the public hearing minutes in PARIVESH portal and (2) revise EMP based on PH wherever required and submit it through Parivesh Portal.</p> <p>The Authority noted the minutes of SEAC.</p>
2.	<p>Proposed Rough stone and Gravel Quarry Lease over an extent of 2.41.0 Ha at S.F.Nos. 112/6A and 112/7A in Konganakkurichi village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. K. Bharathiraja - For Environmental Clearance.</p> <p>(SIA/TN/MIN/437939/2023)</p>	8552	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,05,480m³ of rough stone & 18,032m³ of gravel up to the depth of 32m Below Ground Level and the annual peak production should not exceed 13,640m³ of rough stone & of 6336m³ gravel. 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> <p>1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p>


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


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3.	Proposed Rough Stone & Gravel quarry lease over an extent of 2.22.0Ha at SF.No. 315/2D of Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru S.Thangavel - for Environmental Clearance. (SIA/TN/MIN/437984/2023)	8602	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects, and to ensure sustainable, scientific and systematic mining, SEIAA decided to grant Environmental Clearance for the quantity of 1,86,450m³ of Rough stone and 13,376m³ of Gravel up to the depth of mining 42m BGL and the annual peak production should not exceed 49,000m³ of Rough stone and 4,712m³ of Gravel. 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. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
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			<p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & 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>
4.	<p>Proposed Rough Stone quarry lease over an extent of 4.35.85Ha at SF.No. 315/1(P), 334/1A(P) & 334/1B(P) of Dharavendiram Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/S.AVS Tech Building Solutions - for Environmental Clearance. (SIA/TN/MIN/438852/2023)</p>	8707	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects, and to ensure sustainable, scientific and systematic mining, SEIAA decided to grant Environmental Clearance for the quantity of 8,88,230m³ of Rough stone up to the depth of</p>


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		<p>mining 36m BGL and the annual peak production should not exceed 1,08,140m³ of Rough stone. 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. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
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			<p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & 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>
5.	<p>Proposed Rough Stone & Gravel quarry lease over an extent of 2.40.0Ha at SF.Nos. 324/1A, 324/1B1, 324/1B2, 324/2A, 324/2B, 324/2C1, 324/2C2, 324/3, 324/8A, 324/9A and 324/9B2 of Sirudhamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru.M.Ganesan- for Environmental Clearance. (SIA/TN/MIN/439424/2023)</p>	8966	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects, and to ensure sustainable, scientific and systematic mining, SEIAA decided to grant Environmental Clearance for the quantity of 2,69,555m³ of Rough stone and 33,312m³ of Gravel up to the depth of mining 42m BGL and the annual peak production should not exceed 32,350m³ of Rough stone and 13,280m³ of Gravel. 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> <p>1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p>


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		<ol style="list-style-type: none">2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.6. The amount allocated for EMP should be kept in a separate account and both the capital and 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.
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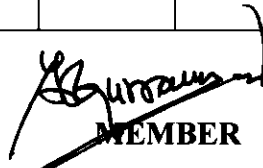

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6.	Proposed expansion of grey and ductile iron castings manufacturing at S.F Nos. 256 Part, 270 Part of Pappankuppam Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu by M/s Danblock Brakes India Pvt Ltd - For Environmental Clearance. (SIA/TN/IND1/435843/2023)	9176	<p>The authority noted that this proposal was placed for appraisal in 410th meeting of SEAC held on 22.09.2023. Based on the presentation and details furnished by the project proponent, SEAC decided to defer and call for additional particulars as follows,</p> <ol style="list-style-type: none"> 1. As per MoEF&CC Office memorandum vide FC-11/119/2020-FC Dated: 17.05.2022, the proposed site attracts NBWL clearance as per the provisions contained in para 5 of the above-mentioned OM. Hence, the proponent shall submit NBWL Clearance as stated in the ToR issued earlier. 2. The PP shall conduct energy audit of the existing facility through an accredited BEE consultant and submit the report along with the action taken report on the recommendations made by the consultant. 3. The PP shall furnish point wise ToR compliance. 4. The PP furnish an action plan for either produce 50% of its energy consumption or buy green energy from TNEB or combination of both. 5. The PP shall furnish protective measures to arrest fugitive emission. 6. The PP shall complete all plantation and shall furnish photographs and video proof in this regard. 7. The PP furnish an action plan for adopting ITI in Gummidipoondi to improve its software and hardware infrastructure. 8. PP shall identify local youth in that area and impart skill training and also discuss with
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			<p>local panchayat and furnish an action plan to meet its commitment, with reference to points raised in public hearing.</p> <p>9. The PP shall furnish RoA of STP/ETP.</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 22.09.2023.</p>
7.	Proposed Rough Stone and Gravel quarry lease area over an extent of 2.80.5 Ha at S.F.Nos. 15/1 & 15/2 of Sivayam (North) Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu by Tvl. Navamani Mines Private Limited - For Environmental Clearance. (SIA/TN/MIN/439433/2023)	6993	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority further noted as follows:</p> <ol style="list-style-type: none"> 1. Original Application No. 148/2022 has been filed in the Hon'ble NGT, Southern Zone and the case is pending before the Hon'ble NGT, Southern Zone. 2. A complaint petition was received from Dr.R.Sushmitha against the quarry of M/s. Navamani Mines Private Limited at S.F. Nos. 15/1 & 15/2, Sivayam (North) Village, Krishnarayapuram Taluk, Karur District regarding illegal mining and crushing operations vide letter dated 12.10.2023. <p>In view of the above, the Authority decided to refer back the proposal to SEAC to furnish remarks.</p>
8.	Proposed Rough Stone and Gravel quarry lease area over an extent of 1.10.5 Ha at S.F.Nos. 293/1A(P) & 293/2B(P) of Mellur-Duraisampuram Village,	8743	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. Based on the presentation made and documents submitted and from the KML file uploaded in the PARIVESH Portal, SEAC noted the following.</p>


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<p>Rajapalayam Taluk, Virudhunagar District, Tamil Nadu by Thiru. K.A. Rajagopal - For Environmental Clearance. (SIA/TN/MIN/438048/2023)</p>	<ul style="list-style-type: none"> i) Highly sensitive Nellai Wildlife Sanctuary is located close to the project site. ii) Srivilliputhur – Megamalai Tiger Reserve is located close to the project site. iii) Two residential educational institutes, namely, (i) Stella Mary’s B.Ed., College and (ii) Stella Mary’s Teachers Training College are located within the blasting danger zone (500m from the lease) as prescribed by DGMS Circular: (SOMA)/(Tech) Cir No. 2 of 2003, Dt. 31/01/2003. iv) Two waterbodies, namely (i) Periyakulam Kanmai and (ii) Odai are located at a distance of 240 m from the quarry site. v) Brick chamber is located at a distance of 145m from the project site and Hollow blocks manufacturing unit is located at a distance of 60m from the project site. vi) A Government Hospital and a Government School are located close to the project site. vii) Residential Houses and other structures are also located nearby the project site. viii) Public village road is located at a distance of 60m from the project site and Devipattanam Road is located at a distance of 170m from the project site. ix) Tenkasi – Madurai Road is located on the eastern side of the project area at a distance of 500m.
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			<p>In view of the above sensitivities, the Committee decided not to recommend the proposal for grant of Environmental Clearance.</p> <p>The Authority, after discussions, accepted the decision of SEAC, rejected the proposal and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per 410th SEAC minutes. Further, Authority decided to close and record this proposal.</p>
9.	<p>Proposed of Rough stone & Gravel Quarry lease over an extent of 1.42.0Ha by Thiru. P.A.Raja in S.F.Nos. 225/1B of Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.P.A.Raja - For Environmental Clearance. (SIA/TN/MIN/437634/2023)</p>	8583	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,59,680m³ of Rough Stone & 19,712m³ of Gravel and the annual peak production shall not exceed 19,440 m³ of Rough Stone & 7,168 m³ of Gravel by restricting the ultimate depth of mining up to 33m BGL. 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> <p>1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p>

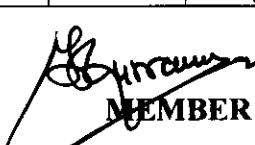

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		<ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. 6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections. 7. The PP shall carryout transplantation/ plantation/ afforestation of tall native saplings in the
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			<p>ratio 1:10 in regard to existing the trees cut down (or) 500 Nos. of Trees per hectare of mining lease area all along the periphery within the proposed mining area and as well as avenue plantation as committed.</p> <p>8. To carry out mining activity with utmost attention to ensure no threat to flora & fauna in and around the proposed mining lease area.</p> <p>9. To carry out mining activity without causing public nuisance / attracting public grievance by adopting utmost safety & sustainable mining practices recommended by the concerned authorities and all the public grievance shall be addressed as and when raised.</p>
10.	<p>Proposed Rough Stone & Gravel Quarry lease over an extent of 1.98.0Ha at S.F.No.320/1A, 320/1B & 320/2 of Siruthamur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru.M.Ganesan - For Environmental Clearance. (SIA/TN/MIN/439401/2023)</p>	8968	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 1,03,520 m³ of rough stone & 22338m³ of Gravel by maintaining and the annual peak production shall not exceed 23,000 m³ of Rough Stone & 8750 m³ of Gravel by restricting the ultimate depth of mining up to 32m BGL. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following</p>

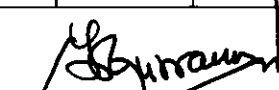

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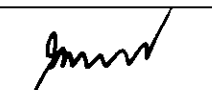

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		<p>conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. 6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under
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			<p>EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The PP shall carryout transplantation/plantation/afforestation of tall native saplings in the ratio 1:10 in regard to existing the trees cut down (or) 500 Nos. of Trees per hectare of mining lease area all along the periphery within the proposed mining area and as well as avenue plantation as committed.</p> <p>8. To carry out mining activity with utmost attention to ensure no threat to flora & fauna in and around the proposed mining lease area.</p> <p>9. To carry out mining activity without causing public nuisance / attracting public grievance by adopting utmost safety & sustainable mining practices recommended by the concerned authorities and all the public grievance shall be addressed as and when raised.</p>
11.	<p>Proposed Rough stone & Gravel quarry lease over an extent of 1.00.0ha at S.F.No. 309/2B(Part) of Akkalampatti Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.N.Selvarasu – For Environmental Clearance. (SIA/TN/MIN/438574/2023)</p>	7779	<p>The Authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 55,920 m³ of rough stone & 3,030 m³ of Gravel up to the depth of 32m BGL and the annual peak</p>


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production should not exceed 12,380 m³ of rough stone. 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.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
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			recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
12.	Proposed Rough stone quarry lease over an extent of 1.44.0 Ha at S.F.No.95/12, 16, 18, 20(P) & 21(P) of Chithannavasal Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu by Tmt.K. Indirani – For Environmental Clearance. (SIA/TN/MIN/437540/2023)	8885	<p>The Authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. 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.</p> <p>The Authority noted the following,</p> <ol style="list-style-type: none"> 1. As per the kml uploaded in the Parivesh Portal, The Sithanavasal Cave (Archaeological site) is located at a distance of 520m and some stretches are closer to the proposed mining area. 2. In this connection, the president of Ahimsa Walk Chennai has sent a representation with objection for grant of Environmental Clearance to the subject quarry. 3. Further, the study report submitted by the PP has no Authentication. <p>After detailed discussions, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action.</p> <ol style="list-style-type: none"> 1) Since the Sithanavasal Cave (Archaeological site) is located at a distance of 520m, the PP shall carry out the


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			<p>scientific studies, to design the controlled blast parameters for reducing the blast-induced ground/air- vibrations and eliminating the fly rock from the blasting operations carried out in the proposed quarry, by involving anyone of these reputed Research and Academic Institution such as CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, IIT-Madras, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus. A copy of such scientific study report shall be submitted to the SEIAA for further course of action.</p> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
13.	<p>Existing Rough stone & gravel quarry lease over an extent of 1.15.5Ha at S.F.Nos.197/1, 197/2, 197/10, 197/11 & 201/2 of Ichipatti Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. S.Balakumar, - Environment Clearance for next scheme of mining. (SIA/TN/MIN/438110/2023)</p>	8767	<p>The Authority noted that the subject was placed in the 410th meeting of SEAC held on 22.09.2023 and the SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 32800 m³ of Rough stone upto the restricted depth of 32m BGL and the annual peak production should not exceed 7475 m³ of Rough stone as per the approved mining plan. This is also subject to the standard conditions as per Annexure - (I) of SEAC</p>


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		<p>minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The PP shall at all times comply with the conditions imposed in the NOC issued by the EE, PWD/WRO, Aliyar Basin Division vide letter dated 02.07.2021. 3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of mine plan period till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 4. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 5. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 6. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed
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			<p>compliance module in the PARIVESH Portal from the respective login.</p> <p>7. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & 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>
14.	Proposed Rough Stone quarry lease area over an extent of Extent 2.13.0 Ha at SF.No. 4/3A, 4/4B, 7/4A &7/4B of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. M. Baskaran - For Environmental Clearance. (SIA/TN/MIN/439356/2023)	7165	<p>The proposal was placed in the 410th SEAC Meeting held on 22.09.2023.</p> <p>Based on the presentation and documents furnished by the project proponent, SEAC decided to call for additional details</p> <ol style="list-style-type: none"> 1. The proponent shall submit Certified Compliance Report obtained from IRO, MoEF&CC, Chennai for the earlier obtained Environmental Clearance. <p>Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 410th SEAC Meeting held on 22.09.2023 to the project proponent.</p>
15.	Proposed Rough Stone quarry lease area over an extent of Extent 1.34.0 Ha at SF. No. 217/3A, 217/20,	8551	<p>The proposal was placed in the 410thSEAC Meeting held on 22.09.2023.</p>


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	<p>217/21, 217/22 & 217/24 of Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Thiru. C. Rengaraj - For Environmental Clearance. (SIA/TN/MIN/438713/2023)</p>		<p>Based on the presentation and documents furnished by the project proponent, SEAC decided to call for additional details</p> <p>1. The proponent shall submit Certified Compliance Report obtained from IRO, MoEF&CC, Chennai for the earlier obtained Environmental Clearance. Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 410th SEAC Meeting held on 22.09.2023 to the project proponent.</p>
<p>16.</p>	<p>Proposed Rough Stone & Gravel quarry lease area over an extent of Extent 2.48.0 Ha at S.F.No. 80/2B(P) & 81/2(P) of Karunchamigoundenpalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. K. Vazhaithotta Gounder - For Environmental Clearance. (SIA/TN/MIN/438293/2023)</p>	<p>8733</p>	<p>The proposal was placed in the 410thSEAC Meeting held on 22.09.2023.</p> <p>Based on the presentation and documents furnished by the project proponent, SEAC decided to call for additional details</p> <p>1. The proponent shall submit Certified Compliance Report obtained from IRO, MoEF & CC, Chennai for the earlier obtained Environmental Clearance. Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary</p>


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			to communicate the minutes of 410 th SEAC Meeting held on 22.09.2023 to the project proponent.
17.	Proposed Rough Stone & Gravel quarry lease over an extent of 3.02.50 Ha in S. F. Nos. 104/1A, 104/1B1, 104/1B2, 104/2A, 104/2B, 104/3, 104/4A1, 104/4A2, 104/4B, 104/4C, 104/5A, 104/5B, 104/6A, 104/6B, 104/7A, 104/7B, 104/8A, 104/8B, 104/8C, 104/8D& 104/8E, Konganakkurichi Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.K.Balamurugan - For Environmental Clearance. (SIA/TN/MIN/437906/2023)	8996	<p>The authority noted that the subject was appraised in the 410th SEAC meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 3,67,570 m³ of rough stone & 1,23,924 m³ of Gravel by maintaining and the annual peak production shall not exceed 40,650 m³ of Rough Stone & 29,016 m³ of Gravel by restricting the ultimate depth of mining up to 46m BGL. 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. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.

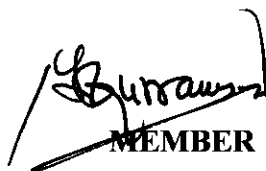

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		<ol style="list-style-type: none"> 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. 6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections. 7. The PP shall carryout transplantation/plantation/afforestation of tall native saplings in the ratio 1:10 in regard to existing the trees cut down (or) 500 Nos. of Trees per hectare of mining lease area all along the periphery within the proposed mining area and as well as avenue plantation as committed.
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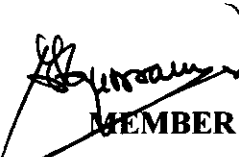

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			<p>8. To carry out mining activity with utmost attention to ensure no threat to flora & fauna in and around the proposed mining lease area.</p> <p>9. To carry out mining activity without causing public nuisance / attracting public grievance by adopting utmost safety & sustainable mining practices recommended by the concerned authorities and all the public grievance shall be addressed as and when raised.</p>
18.	Proposed Rough Stone quarry lease area over an extent of Extent 2.70.0 Ha at S.F.No. 471/1 of Chockalingapuram Village, Melur Taluk, Madurai District, Tamil Nadu by Thiru. G. Karuppanan - For Environmental Clearance. (SIA/TN/MIN/438191/2023)	9382	<p>The proposal was placed in the 410th SEAC Meeting held on 22.09.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity 3,28,975m³ of rough stone up to the depth of 20m (5m AGL + 15m BGL) and the annual peak production should not exceed 73,500m³ of rough stone. 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 minute.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the


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			<p>project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & 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>
19.	Proposed Rough Stone & Gravel Quarry lease over an extent of 2.00.5 Ha (Patta land) in S.F.Nos. 232/1B & 233/4B of Kokkalai Village,	8615	The authority noted that the subject was appraised in the 410 th SEAC meeting held on 22.09.2023. During the presentation, EIA coordinator has informed the Committee that they need additional time to submit


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	Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru. C. Sivakumar – for Environmental Clearance. (SIA/TN/MIN/437764/2023)		the additional details sought in the earlier meeting of SEAC. The Authority noted the minutes of SEAC.
20.	Existing Rough stone & Gravel quarry lease over an extent of 1.57.5ha at S.F.No.232/2 in Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Tmt. P.Ramayee - For Environmental Clearance. (SIA/TN/MIN/437716/2023)	7855	The authority noted that the subject was appraised in the 410 th SEAC meeting held on 22.09.2023. SEAC noted that during the presentation, EIA coordinator informed that they needed additional time to submit the additional details sought in the earlier meeting of SEAC. In view of the above, the authority noted the 410 th SEAC meeting held on 22.09.2023.
21.	Proposed Rough stone and Gravel quarry lease over an extent of 1.25.0 Ha in S.F.No. 531/1A2 (Part) of Ponmanai A Village, Thiruvattar Taluk, Kanniyakumari District, Tamil Nadu by Thiru. V.S.Raju- For Terms of Reference. (SIA/TN/MIN/410014/2022)	9644	The Authority noted that the subject was placed in the 410 meeting of SEAC held on 22.09.2023. Observations of the SEAC sub-committee during the project Site- inspection: <ul style="list-style-type: none"> • The Proposed rough stone quarry is located at the hill top and is surrounded by Rubber plantations. • It is located at 3.5 km distance to Kanyakumari Wildlife Sanctuary and within 10 km radius of Perunchani Dam • There are no Habitations within 500 km radius. • The quarry site is covered by an invasive weed, introduced by the planters to curb soil erosion, which were removed and burnt by the proponents. • There is a lone building near the quarry site which is used as a dwelling place for the watchman.

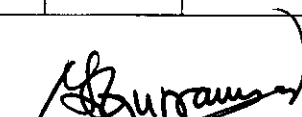

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			<ul style="list-style-type: none"> • Fencing has been erected around the quarry . • Plants have been planted around the quarry but in inadequate numbers. • No Garland drainage dug around the quarry. <p>Recommendations of Sub-Committee:</p> <p>The quarry is located in a sensitive environmental setting, close to Kanyakumari Wildlife sanctuary. Since the quarry site is at hill top. digging the sites will interfere and acutely affect the Natural Drainage system. It is also abutting the catchment area of Pernchani Dam and hence will affect the inflow of water into the Dam. Hence, it is my considered opinion that this area may be left undisturbed and the SEAC not to issue TOR for the quarry.</p> <p>Decision of the Committee:</p> <p>The Committee held detailed discussions on the observations made by the sub- committee during Inspection of the site and decided to accept the recommendations of the sub- committee not to grant TOR for the quarry. The SEAC. for the aforesaid reasons, decided not to issue of Terms of Reference for EIA study and thereby not to recommend Environmental Clearance for the Project.</p> <p>The Authority, after detailed discussions accepted the above decision of SEAC and rejected the proposal. Further. Authority decided to close and record this proposal.</p>
22.	Proposed Construction Project at Plot No: S.F.Nos 547/1A2,	10234	The Authority noted that the subject was placed in the 406 th meeting of SEAC held on 01.09.2023 and the


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<p>547/2A2, 549/1, 550/2B, 554/1, 554/2A, 554/2B, 554/3, 556/5A, 556/5B, 556/5C1 and 556/6D2 Vadavalli Village, Perur Taluk, Coimbatore District, Tamil Nadu by M/s. Sree Daksha Property Developers (India) Pvt. Ltd - For Environmental Clearance (SIA/TN/INFRA2/437430/2023)</p>		<p>SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein. The Authority after detailed discussion after detailed discussion decided to seek the following additional details from the PP:</p> <ol style="list-style-type: none"> 1. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body /Metro Water/TWAD. 2. The Proponent shall furnish the detailed report on emission, noise and vibration due to the operations of DG sets as proposed and the same shall be furnished. 3. The company shall have a well laid down environmental policy duly approved by the Board of Directors. 4. The PP shall furnish NOC of Airport authority for Height Clearance. 5. The PP shall furnish the biodiversity study report for the Rivulet traversing through the projects site and details of the government department that maintains the said Rivulet. <p>The PP has furnished the reply vide letter dated 12.10.2023. and hence the subject was placed in this 662nd meeting of the Authority held on 16.10.2023. The Authority, after detailed discussions, accepted the recommendation of SEAC and decided to issue Environmental Clearance subject to following conditions and that stated vide Annexure 'C'.</p> <ol style="list-style-type: none"> 1. The proponent shall deploy cost-effective technology to reduce GHG emissions.
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		<ol style="list-style-type: none"> 2. The proponent shall adopt strategies to develop carbon-neutral or zero-carbon building. 3. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials). 4. The proponent shall adopt strategies to decarbonize the building. 5. The proponent shall adopt strategies to maintain the health of the inhabitants. 6. The proponent shall adopt strategies to reduce electricity demand and consumption. 7. The proponent shall provide provisions for automated energy efficiency. 8. The proponent shall provide provisions for controlled ventilation and lighting systems. 9. The proponent shall adopt strategies to reduce temperature including the Building Façade. 10. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001. 11. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
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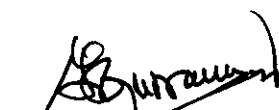

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		<p>12. The proponent shall adopt methodology to control thermal environment and other shocks in the building.</p> <p>13. The proponent shall adopt strategies to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities.</p> <p>14. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.</p> <p>15. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,.</p> <p>16. The proponent should develop an emergency response plan in addition to the disaster management plan.</p> <p>17. The proponent should maintain environmental audits to measure and mitigate environmental concerns.</p> <p>18. 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.</p> <p>19. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.</p> <p>20. 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.</p>
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23.	<p>Proposed expansion of Residential complex by M/s. PBEL Property Development (I) Pvt. Ltd., at S.No: 1380/1, 1382, 1383, 1401/97, 1401/22B, 1401/22C, 1401/23A2, 1401/23A3, 1401/23B, 1401/24A, 1401/24B, 1401/24C, 1401/24D, 1401/25, 1401/26, 1401/27A, 140127B1, 1401/27B2, 1401/28A, 1401/28B, 1401/29A, 1401/29B1,1401/29B2, 1401/30A, 1401/30B1, 1401/30B2, 1401/31A, 1401/31B1, 1401/31B2, 1401/32, 1401/33, 1401/42B1 & 1485, of Thaiyur B Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu – For Environmental Clearance under Violation</p>	5233	<p>The Authority noted that the proposal was earlier placed in the 364th Meeting of SEAC held on 23.03.2023.</p> <p>Subsequently, the proposal was placed in 611th SEIAA meeting held on 12.04.2023. 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 364th SEAC Meeting held on 23.03.2023.</p> <p>a) As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, “The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority and the bank guarantee shall be deposited.</p> <p>b) The amount prescribed for Ecological remediation (Rs.9.3 lakhs, natural resource augmentation(Rs. 3.7 lakhs) & community resource augmentation (Rs. 5.6 lakhs), totalling Rs. 18.6 lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 18.6 lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit acknowledgment of the same to SEIAA-TN. The funds shall be utilized for the ecological damage</p>
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remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.

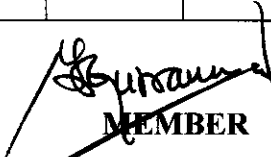
- c) The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
- d) The amount committed by the Project proponent for CER (Rs. 1.20 lakhs) shall be remitted in the form of DD to the beneficiary for the activities as committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
- e) 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) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.

Subsequently, the proponent vide letter received by this office on 09.10.2023 submitted reply for the above-mentioned details.

The above reply submitted by the PP was placed in 662nd Authority meeting held on 16.10.2023. The authority noted that

- i) The proponent vide his letter 09.10.2023 has furnished the copy of Bank Guarantee submitted to TNPCB & copy of acknowledgement obtained from TNPCB for the submission of BG and also an acknowledgement from beneficiary has been


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		<p>furnished towards commitments of CER to be carried out as recommended by SEAC.</p> <p>ii) The proponent has submitted the details of court case filed by TNPCB in the Judicial Magistrate Court, Chengalpattu vide case Number: CC/10150/2023, dated 29.09.2023, (CNR Number: TNKP030102052023) against the proponent.</p> <p>iii) The proponent has also submitted undertakings for greenbelt and sanitary napkin disposal facilities.</p> <p>In view of the above, the Authority accepts the recommendation of SEAC and decided to grant post construction Environmental Clearance subject to the conditions as recommended by SEAC & normal conditions in addition to the following condition.</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. The proponent shall ensure that the treated/untreated sewage should not be disposed directly or indirectly to the nearby water bodies under any circumstances. 3. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent has furnished the detailed EMP, mentioning CER activities as committed and the CER activities shall be
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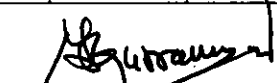

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			<p>carried out before obtaining CTO from TNPCB.</p> <ol style="list-style-type: none"> 4. All the construction of Buildings shall be energy efficient and confirm the green building norms. 5. The proponent shall provide adequate parking facility for all the inhabitants & visitors including clear traffic plan. 6. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances. 7. The disaster management and disaster mitigation standards to be seriously adhered to avoid of calamities. 8. The project proponent shall provide the green belt plan for the premises indicating the native trees planted and to be planted. 9. The proponent shall provide the action taken for reduction of green house gas emissions to support the climatic action and to make it sustainable building. 10. The project proponent shall ensure that buildings have sufficient ventilation and space for light and air. 11. The project proponent shall furnish the action taken to improve water usage efficiency in the building. 12. The proponent shall ensure that the building shall provide adequate security and hygiene in all the basements. 13. The proponent shall ensure that the building should be energy efficient, provide adequate
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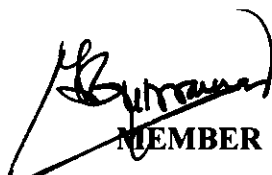

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			sunlight, green space for sustainable use and be Eco-friendly.
24.	Proposed Construction of Non-High-Rise Residential Building – development by M/s. Sidharth Foundation & Housing Limited at S.F.Nos. 446/1, 448/1A, 449/12B1, 450 & 451/2 of Gerugambakkam Village, Kundrathur Taluk, Kanchipuram District, Tamil Nadu - For Environmental Clearance. (SIA/TN/INFRA2/422533/2023)	9927	<p>The Authority noted that the proposal was earlier placed in the 385th SEAC meeting held on 22.06.2023.</p> <p>Based on the presentation and documents furnished by the proponent, SEAC decided to call for additional details, as the land use data was found to be incorrect and misleading.</p> <ol style="list-style-type: none"> 1. The proponent shall check all the data submitted and shall revise wherever required. 2. The EIA coordinator shall offer explanation for presenting incorrect data. <p>Upon the receipt of aforesaid details, further deliberations will be done.</p> <p>Based on the reply furnished by the Project proponent to the O/o. SEIAA on 17.07.2023. The proposal was again placed in the 405th SEAC meeting held on 31.08.2023.</p> <p>The Committee discussed the matter and recommended a grant of environmental clearance for the project proposal.</p> <p>Subsequently, the proposal was placed in the 656th SEIAA meeting held on 20.09.2023.</p> <p>The Authority after detailed deliberation, decided to call for additional details</p> <ol style="list-style-type: none"> 1. The proponent shall submit Inundation certificate obtained from PWD-TN. 2. The proponent shall submit Height clearance “No Objection Certificate” obtained from Airports Authority of India.


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		<p>3. The proponent shall submit the water commitment letter obtained from local body/TWAD board for supply of fresh water and from CMWSSB for discharge of treated wastewater.</p> <p>4. The proponent is requested to submit a detailed report enumerating the increase in PCU in the proposed area due to the proposed site and the anticipated change in the traffic pattern. Further, the increase in vehicular emission in the vicinity due to the proposed project shall be included in the report indicating the pollutant levels before construction and expected pollutant levels during the operation phase (Post construction) and the mitigation measures to be adopted shall also be submitted.</p> <p>Upon the receipt of above mentioned details, further deliberation shall be done.</p> <p>Based on the reply furnished by the Project proponent to the O/o. SEIAA on 13.10.2023. The proposal was placed in the 662nd Authority meeting held on 16.10.2023.</p> <p>After detailed deliberations, the Authority accepted the recommendations of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'C':</p>
25.	Note to consider to take action on the DEIAA EC re-appraisal cases filed	The Authority observed that the Hon'ble High Court of Madras as admitted 23 nos. of Writ Petitions (29244, 29250, 29251, 29252, 29253, 29261, 29267,


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before Hon'ble High Court of Madras.

29273, 29282, 29283, 29595, 29598, 29599, 29833, 29836, 29839, 29841, 29990, 29993, 29994, 29997, 29998 & 30002 as on 16.10.2023 with prayers of the petitioner to permit the petitioner herein to carry on quarrying operation by issuing necessary transport permits until the date of expiry of environmental clearance obtained from the District Level Environment Impact Assessment Authority without insisting environmental clearance appraised by SEIAA and consequently direct the SEIAA -TN to reappraise the EC granted by DEIAA in regard to the MoEF&CC O.M Dt: 28.04.2023. In Continuation, Hon'ble High Court of Madras has passed order as follows

"6. In the facts and circumstances of the case and considering the submission of the petitioner that the Department of Geology and Mining of Concerned District has refused to issue transport permit for the petitioner's quarry despite holding a valid Environment Clearance as on date and necessary Consent to Operate from the TNPCB, we permit the petitioner to quarry till XXXX for which he has a valid consent from the Pollution Control Board as well as from DEIAA. We make it clear that all the conditions stipulated by the Pollution Control Board and DEIAA must be strictly complied with.

7. If the petitioner applies for extension of lease, this order will not enure in his favour, for its co-terminus with the DEIAA approval i.e till XXXX. The petitioner will not be


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entitled to quarry after the said date without clearance from the Pollution Control Board and SEIAA and a valid lease. “

In compliance to the NGT (PB) order dt: 07.12.2022 in O.A No. 142/2022 MoEF&CC has issued Office Memorandum (O.M) Dt: 28.04.2023 as follows

“ 3.Subsequently, Hon'ble NGT vide its order dated 07.12.2022 in O.A.142 of 2022 in the matter of Jayant Kumar vs. Ministry of Environment, Forests and Climate Change inter-alia observed that "mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986."

4.The matter has been examined in the Ministry and accordingly it has been decided that all valid EC's issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A.142


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of 2022. In view of above, it is hereby directed that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a time period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM. The State Government may assess the existing workload of SEAC(s) and accordingly, send proposals for constitution of additional SEAC for a specified period to deal with such additional workload."

Further, in order to have a uniform approach across the country for such appraisal, SEIAA shall scrutiny and appraise the proposals based on the checklist as stated therein.

The Hon'ble National Green Tribunal (NGT), Principal bench (PB) Vide order dt: 15.05.2022 & 22.05.2023 in O.A No. 142/2022 & IA No. 68/2023 has directed the MoEF&CC to file additional affidavit as to whether during the period the mining leases are to be reappraised through SEAC/SEIAA the mining **will remain suspended or will continue** in regard to the MoEF&CC O.M Dt: 28.04.2023.

In view of order dt: 15.05.2022 & 22.05.2023 in O.A No. 142/2022 has fled MoEF&CC has submitted Additional Affidavit stating the following


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“4. It is humbly submitted that Environmental Clearances (EC) granted by District Level Environment Impact Assessment Authority (DEIAA) from 15.01.2016 to 13.09.2018 will continue to be valid for one year as per the Ministry's OM dated 28.04.2023, subject to the compliance of the conditions prescribed therein. A copy of the O.M dated 28.04.2023 is marked and annexed herein as ANNEXURE RI/I.”

In this regard all the above cases filed before Hon'ble High Court of Madras, it is submitted that, all the online application filed for reappraisal as per MoEF&CC O.M Dt: 28.04.2023 by the Petitioners (Project Proponent) with regard to EC issued by DEIAA was not considered at SEIAA-TN, since the Project Proponent (PP) has not submitted hard copy of the said EC application along with processing fee as per G.O. Ms. 281 Dt: 31.12.2012. After confirmation of processing fee, the online proposal would be allotted physical File no. and it would be forwarded for appraisal for SEAC followed by SEIAA. But the petitioners have represented in Hon'ble court that they have applied for reappraisal of EC at SEIAA-TN.

Also, in view of above Hon'ble High Court of Madras, the above said petitioners (Project Proponent) with EC granted by DEIAA would not apply for reappraisal to SEIAA-TN with hardcopy and processing fee which would be violation of Hon'ble National Green Tribunal (NGT), Principal bench (PB) New Delhi vide order dt: 07.12.2022 & MoEF&CC O.M Dt: 28.04.2023.


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		<p>In view of the above, the Authority after detailed discussion decided to address the issue to the MoEF&CC for obtaining clarification and to address Additional Solicitor General, Hon'ble High Court of Madras to get a legal opinion to file appeal/reconsideration before the Hon'ble High Court of Madras (or) to file an I.A in O.A No. 142/2022 in regard to the order of the Hon'ble High Court of Madras.</p>
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Annexure 'A'


a) EC Compliance

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


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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 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.


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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.

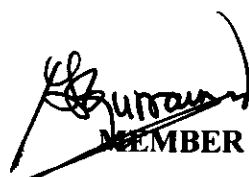
e) Air Environment – Protection and mitigation measures

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.


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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

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.


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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.
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.


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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).

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.


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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

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


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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.
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


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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.

Annexure 'C'

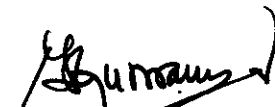
Climate Change

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.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
8. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

Health

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


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Energy

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

Regulatory Frameworks

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

Database maintenance & audits

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

Biodiversity

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,


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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

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


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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

46. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.
47. The project proponent shall adhere to height of the buildings as committed.


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