

MINUTES

636th MEETING

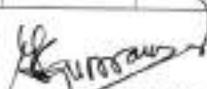
**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMIL NADU**

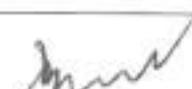
Date: 10.07.2023

**MINUTES OF THE 636th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 10.07.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 635 th meeting of the Authority held on 05.07.2023.		The minutes of the 635 th meeting of the Authority held on 05.07.2023 was confirmed.
b)	The Action taken on the decisions of the 635 th meeting of the Authority held on 05.07.2023.		The Member Secretary informed that 635 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Rough Stone & Gravel quarry lease over an extent of 0.97.5 Ha at SF.Nos 82/2B of Pachapalayam Village, Suler Taluk, Coimbatore District Tamil Nadu by Thiru. C.Palanisamy - for Environmental Clearance.	9197	<p>The authority noted that this proposal was placed for appraisal in 368th meeting of SEAC held on 23.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 25,515m³ of Rough stone up to the depth of mining 26m (considering safety parameter), as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. 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>

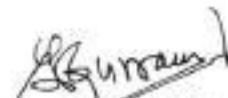

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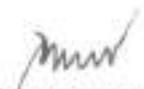

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		<ol style="list-style-type: none">2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.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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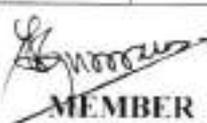

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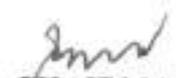

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2.	Proposed Rough Stone & Gravel quarry lease over an extent of 4.84.0 Ha at SF.No. 509/1(Part) of Munnur Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru. P.K. Subramani - For Environmental Clearance.	9239	<p>The authority noted that this proposal was placed for appraisal in 368th meeting of SEAC held on 23.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 3,24,479m³ of Rough stone and 4060m³ of Gravel up to the depth of mining 35m (Considering safety parameter as per approved ToR), as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. 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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
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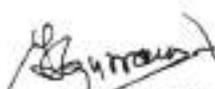

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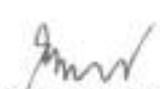

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			<p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, 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>
3.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.64.50 Ha at SF.No. 1181, 1182/1 & 1182/2 of Thamaraikulam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru.R.G.Venkatesh - for Environmental Clearance.	9915	<p>The authority noted that this proposal was placed for appraisal in 368th meeting of SEAC held on 23.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 91,770m³ of Rough stone and 33,258m³ of Gravel up to the depth of mining 28m, as per the mine plan approved by the Department of Geology & Mining. This is also</p>


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subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. 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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. As per the OM vide F. No. IA3-22/1/2022-1A-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


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			<p>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.	Proposed Rough Stone and Gravel quarry lease area over an extent of 1.56.0 Ha at S.F.Nos. 90/4, 91/2D (P) & 111/3 of Pachapalayam Village, Sulur Taluk, Coimbatore District, Tamil Nadu by Thiru. T. Pushparaj - For Environmental Clearance.	8869	<p>The authority noted that the subject was appraised in 386th SEAC meeting held on 23.06.2023. 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 restricted to 74,885 m³ of Rough Stone and 14,054 m³ of Gravel upto an ultimate depth of mining upto 42m below ground level by removing bench 'x' of section XY-CD as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in</p>


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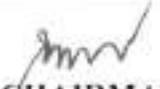

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addition to the following conditions and the conditions in Annexure 'A' of this minutes.

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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
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

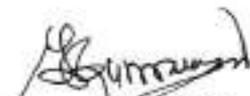

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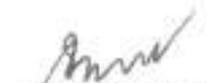

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			committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections,
5.	Proposed Rough Stone and Gravel quarry lease area over an extent of 1.25.5 Ha at S.F.Nos. 85/2A1B & 85/2A2 of Pachapalayam Village, Sular Taluk, Coimbatore District, Tamil Nadu by Tmt P. Deepa - For Environmental Clearance.	9058	<p>The authority noted that the subject was appraised in 386th SEAC meeting held on 23.06.2023. 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 73,245 m³ of Rough Stone and 4928 m³ of Gravel upto an ultimate depth of mining upto 32m below ground level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</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>

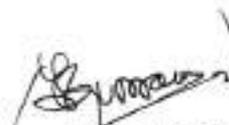

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		<ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 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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6.	Proposed Rough Stone and Gravel quarry lease area over an extent of 3.24.30 Ha at S.F.Nos. 846/1B, 846/2, 846/3, 846/4 & 845/2 of Nathikudi Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. V. Sakthivel - For Environmental Clearance.	9065	<p>The authority noted that the subject was appraised in 386th SEAC meeting held on 23.06.2023. 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 94,877.5 m³ of Rough Stone and 46,504.5 m³ of Gravel with an ultimate depth of mining upto 15m below ground level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</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 5 years 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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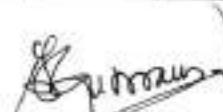

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			<p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.</p> <p>4. The progressive and final mine closure plan including the green belt implementation 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>
7.	Proposed Rough Stone and Gravel quarry lease area over an extent of 1.41.96 Ha at S.F.Nos. 138/2A (P), 138/3A (P) & 138/4 (P) of Kurumbapalayam Village, Sathyamangalam Taluk, Erode District, Tamil Nadu by Thiru. C.	9916	The authority noted that the subject was appraised in 386 th SEAC meeting held on 23.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.


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	Raja - For Environmental Clearance.		<p>The Authority, after detailed discussions decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <p>1. The Authority observed that the quarry of Thiru.N.T.Saisada (SEIAA Proposal number.8357) lies within a distance of 500m from the current proposed quarry of Thiru.C.Raja. But the Deputy Director, Dept. of G&M has not mentioned the details of any existing or proposed quarries in the cluster letter issued vide Rc.No.7387/Mines/2018 dated.21.02.2023. Hence, the proponent shall furnish a revised cluster letter obtained from AD/DD of Geology & Mining Department which clearly states the details of all the existing quarries, proposed quarries, lease expired quarries and abandoned quarries that are situated within the radius of 500m from the proposed project site in the prescribed format.</p>
8.	Proposed Rough Stone Quarry lease over an extent of 2.91.5Ha at S.F.No.55/1A(Part), 55/3(Part) & 58 of Kavundampalayam Village, Gobichettipalayam Taluk, Erode District, Tamil Nadu by Tmt.K.Indirani - For Environmental Clearance.	8478	<p>The Authority noted that this proposal was placed for appraisal in this 386th SEAC meeting held on 23.06.2023 and 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 2,98,200 cu.m of Rough Stone and the depth of mining</p>


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upto 41m (16m AGL & 25mBGL) as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

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.

The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.

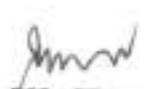
The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.

The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.

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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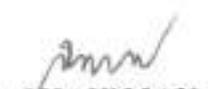

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		<p>The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <ol style="list-style-type: none"> 1. The project proponent shall store/dump 2006 cu.m of Topsoil generated within the earmarked area of the project site and the utilize the same for mine closure. 2. The project proponent shall spend EMP cost of Rs. 170.24 Lakhs/ 5 Years including capital & recurring cost with 5% inflation cost anticipated every year as committed. 3. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. 5 lakhs and the amount shall be handed over to the DFO, Erode towards the conservation of Sathiyamangalam Tiger Reserve Forest before obtaining the CTO from the DEE/TNPCB. 4. All the trees listed within the proposed mining area shall be transplanted all along the boundary. 5. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.
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			<p>6. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p> <p>7. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.</p>
9.	Proposed Rough stone quarry lease over an extent of 1.14.5Ha in SF.No.92/1. Pachapalayam Village, Sular Taluk Coimbatore District, Tamil Nadu by Thiru M.Sundarraaj - For Environmental Clearance.	8870	<p>The Authority noted that this proposal was placed for appraisal in this 386th SEAC meeting held on 23.06.2023 and 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 45,730 cu.m of Rough Stone and the depth of mining upto 42m as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. 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 5 years till the project life.

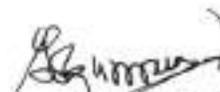

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		<p>They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <ol style="list-style-type: none"> 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking 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 project proponent shall store/dump Topsoil generated within the earmarked area of the project site and the utilize the same for mine closure.
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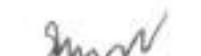

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			<p>8. The project proponent shall spend EMP cost of Rs. 92.5 Lakhs/ 5 Years including capital & recurring cost with 5% inflation cost anticipated every year as committed.</p> <p>9. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. 5 lakhs and the amount shall be spent for the Government Higher Secondary School, Arasampalayam, Coimbatore District before the execution of lease.</p> <p>10. All the trees listed within the proposed mining area shall be transplanted all along the boundary.</p> <p>11. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.</p> <p>12. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p> <p>13. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.</p>
10.	Proposed Rough Stone & Gravel Quarry lease over an extent of 0.80.0Ha S.F.No.118/2 (P) & 127/1 (P), Appayampatty Village, Oddenchactram Taluk, Dindigul District by Thiru.V,Sakeer Husain - For Environmental Clearance.	9910	<p>The Authority noted that this proposal was placed for appraisal in this 386th SEAC meeting held on 23.06.2023 and 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</p>


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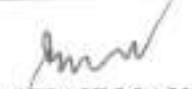

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and systematic mining, decided to grant Environmental Clearance for the quantity **15,220 cu.m of Rough Stone and the depth of mining upto 16m** as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. 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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
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-


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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 project proponent shall store/dump **Topsoil** generated within the earmarked area of the project site and the utilize the same for mine closure.
8. The project proponent shall spend EMP cost of Rs. 177.5 Lakhs/ 10 Years including capital & recurring cost with 5% inflation cost anticipated every year as committed.
9. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. 5 Lakhs and the amount shall be spent for the Panchayat Union Primary School, Veerappagoundenvalasu, Appayampatty village, Thoppampatti, Oddenchatram taluk, Dindigul before the execution of the lease.


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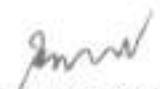

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			<p>10. All the trees listed within the proposed mining area shall be transplanted all along the boundary.</p> <p>11. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.</p> <p>12. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p> <p>13. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.</p>
11.	Proposed Existing Black Granite (Dolerite) Quarry over an extent of 1.20.0Ha at S.F.No.312/1A, 312/1C1, 312/1D1A & 312/1D2 of Kalugondanpalli Village, Denkanikottai Taluk and in S.F.No.387/1 of Muduganapalli village in Hosur Taluk, Krishnagiri District, Tamil Nadu by Thiru.M.Chinnu - For Environmental Clearance Under Violation	6623	<p>The Authority noted that this proposal was placed for appraisal in this 386th SEAC meeting held on 23.06.2023 and the SEAC noted that decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with MoEF & CC Guidelines in case of specifying the remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p>


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			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 23.06.2023.
12.	Proposed Rough Stone & Gravel Quarry lease over an extent of 1.83.5Ha at S.F.Nos.492/2 of Vagaikulam Village, Manur Taluk, Tirunelveli District, Tamil Nadu by Thiru.A.Densingh Babu - For Environmental Clearance.	8493	<p>The Authority noted that the subject was appraised in the 386th Meeting of SEAC held on 23.06.2023. Based on the presentation made by the proponent, the SEAC called for the following details from the PP.</p> <ol style="list-style-type: none"> 1. The PP shall enumerate the structures located within 50m, 100m, 150m, 200m, 250m, 300m and the details of number of residents/usage, type/nature of structure, etc. 2. The PP shall submit reliable evidence of the Public Hearing conducted with photographs & original copy of the minutes signed by the competent authority. 3. The PP shall prepare a model predicting the blast-induced ground/air vibration levels at 100m, 150m, 200m, 300m, 400m, 500m and to furnish a plan indicating the mitigating measures & SoP for the controlled blasting. 4. The Project Proponent shall furnish the revised EMP in the format prescribed by the SEAC. 5. The PP shall furnish revised CER by including maintenance cost of School Toilet additionally for a period of 10 years. <p>On receipt of the same, the subject will be taken up for further deliberation and to decide on future course of action.</p>


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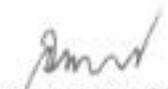

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			In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 23.06.2023.
13.	Proposed Rough stone quarry lease over an extent of 1.45.0 Ha at S.F.Nos.94/1A, 94/9A & 94/10A of Pachapalayam Village, Suler Taluk, Coimbatore District, Tamil Nadu by Thiru.K.M.Subramanian – For Environmental Clearance	9046	<p>The Authority noted that the subject was appraised in the 386th Meeting of SEAC held on 23.06.2023. Based on the presentation made by the proponent, the SEAC called for the following details from the PP,</p> <ol style="list-style-type: none"> 1) The PP shall furnish the registered consent obtained from the pattadhars for all the survey numbers of the mine lease area. 2) Besides, the structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m shall be enumerated with details such as dwelling houses with number of occupants, places of worship, industries, factories, sheds, etc. 3) The PP shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological structures etc., as mentioned in the ToR issued. <p>On receipt of the same, the subject will be taken up for further deliberation and to decide on future course of action.</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 23.06.2023.</p>
14.	Proposed Rough stone quarry over an extent of 1.23.0 Ha at S.F.Nos. 289/1, 290/1B & 290/2 of Karudayampalayam Village,	9158	The Authority noted that the subject was appraised in the 386 th Meeting of SEAC held on 23.06.2023. Based on the presentation made by the proponent,

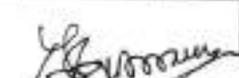

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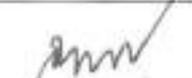

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	<p>Pugalur Taluk, Karur District, Tamil Nadu by M/s. Ram Blue Metals – For Environmental Clearance</p>	<p>the SEAC called for the following details from the PP.</p> <ol style="list-style-type: none"> 1) The proponent is requested to submit the Year wise bulk transport permit (as per appendix XII – TNMMCR, 1959) issued by the competent authority to the lessee. 2) PP shall furnish the registered consent obtained from the pattadhars for all the survey numbers of the mine lease area. 3) Besides, the structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m shall be enumerated with details such as dwelling houses with number of occupants, places of worship, industries, factories, sheds, etc. 4) The Committee noted that there is non-compliance of many of the conditions as stipulated in the EC granted earlier as per the Certified Compliance Report, submitted by the proponent. Hence, the proponent shall comply with all other necessary conditions as per the earlier EC issued dated, 08.01.2016 given below: <ol style="list-style-type: none"> i. The proponent shall install the 'S3 (or) G2' type of fencing all around the boundary of the proposed quarry with gates for entry/exit as recommended in the DGMS Circular, 11/1959 and shall furnish the photographs & drone video showing the same. ii. As per the EC issued earlier, the proponent shall complete the thick
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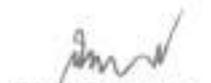

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		<p>vegetation work by planting the native species of two rows on all sides of the lease area at the rate of 400 numbers /Ha. Besides, at least 10 numbers of Neem tree should be planted around the boundary of the quarry site.</p> <p>iii. The PP shall submit photographic evidences indicating Garland drain all around the boundary of the project area.</p> <p>iv. The PP shall furnish proof of separate account for maintaining the funds earmarked for Environmental Protection Measures.</p> <p>v. The PP shall provide proof of solar lighting system provided to the nearby village.</p> <p>vi. The PP shall show the evidence of insurance paid for the persons employed.</p> <p>vii. The PP shall show the record of carrying out the Free Silica Test for the persons employed in the mines and health condition of the local persons living within a radius of 1 km radius from the DGMS approved OHS Clinic/Hospital/Medical Practitioners'.</p> <p>viii. The PP shall show the records of air quality and ground water monitoring carried out.</p>
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ix. The PP shall carry out the risk assessment studies on the existing quarry and shall submit a Risk Management Plan accordingly.

On receipt of the same, the subject will be taken up for further deliberation and to decide on future course of action.

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 23.06.2023.

15. File No: 9911

Proposed Rough stone Quarry over an extent of 0.97.0Ha at S.F.No. 48/1A(P) & 48/2 in Basthalapall Village, Shoolagiri Taluk, Krishnagir District, Tamil Nadu by M/s Konkan Aggregates Private Limited-For Environmental Clearance.

The Authority noted that the subject was appraised in the 386th Meeting of SEAC held on 23.06.2023. SEAC had noted the following during the presentation made by the PP:

1. SEAC noted that there are many structures located around the proposed quarry site as given in the following table.

S.No	List of Structures	Distance and Direction
1.	House (3 Persons)	60 m, N
2.	Pump Shed	50 m, N
3.	Farm-House	100 m, NW
4.	Numbers of House (6 Persons)	30 m, N
5.	Temporary Shed for Labourers (Vacant)	30 m, NE
6.	Farm-House	250 m, N
7.	Farm-House	270 m, NE
8.	Incomplete Structure	210 m, S
9.	Temporary Shed	40 m, S

2. Besides, the proposed site is surrounded by the presence of habitations including a temple & schools (Basthalapalli Govt. School & P.U.M school) at a distance of 358 m.
3. Further, the SEAC has observed that the proposed quarry site is located on the sloping


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	<p>ground and the quarrying of such sloping face may weaken the stability of the ground.</p> <p>4. The proposed site is located in the biodiversity area enriched with rich vegetation.</p> <p>5. There are well grown trees in the proposed site.</p> <p>Therefore, SEAC decided not to recommend the proposal for the grant of Environmental Clearance.</p> <p>In view of the above, SEIAA accepts the decision of SEAC and decided to request the Member Secretary to grant rejection letter to the proponent as per the 386th Meeting of SEAC held on 23.06.2023. Hence, this file may be closed and recorded.</p>		
16.	<p>Proposed Rough Stone & Gravel lease over an extent of 1.32.0 Ha at S.F.No. 85/2B(P)</p> <p>Pachapalayam Village, Sular Taluk, Coimbatore District, Tamil Nadu by Thiru.A.Palanisamy - For Environment Clearance</p>	8697	<p>The Authority noted that the subject was appraised in 386th meeting of SEAC held on 22.06.2023 and the SEAC has called for the following additional details from the Project Proponent:</p> <ol style="list-style-type: none"> 1. The PP shall furnish the revised mining quantity duly approved by the Competent Authority. 2. The structures within the radius of (i) 100 m, (ii) 300 m, and (iii) 500 m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc. 3. Owing to the presence of high wall in the existing quarry, the PP shall carry out the scientific studies to assess the slope stability of the existing quarry wall and evaluate the mitigation measures for the stability of the proposed workings, by involving anyone of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM, Division of Geotechnical Engineering/IIT-Madras, NIT-Dept of Mining Engg, Surathkal and Dept of Mining Engg., - Anna University, Chennai. A

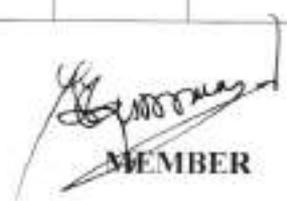

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			<p>copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance without any deviation.</p> <p>4. The PP shall furnish a sworn affidavit in Tamil stating that all the conditions imposed in the Environmental Clearance granted for the project will be followed in letter and spirit by the PP.</p> <p>5. PP shall submit the geotagged photographs of the saplings planted along the periphery of the mine lease area as part of EC compliance.</p> <p>The Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the Project Proponent.</p>
17.	Proposed Rough Stone & Gravel lease over an extent of 3.82.5 Ha at S.F.No. 1199/2, 1199/3, 1199/4, 1199/5, 1199/6, 1199/7, 1199/8, 1199/9, 1200/4, 1200/5, 1200/6, 1200/7, 1200/8, 1200/9, 1200/10, 1200/11, 1200/12 and 1201(P), in Punnam Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. VST Blue Metals - For Environment Clearance	9229	<p>The Authority noted that the subject was appraised in 386th meeting of SEAC held on 22.06.2023 and the SEAC has furnished its recommendation 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 restricted production quantity of 340313 m³ of Rough stone and 38880 m³ of Gravel to the restricted depth of 25m BGL in 5 years as per the approved mining plan. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by</p>


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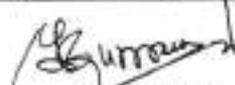

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SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

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 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


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			<p>committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall store/dump Top soil, Weathered Rock & Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p>
18.	Proposed Rough stone & Gravel quarry over an extent of 2.06.5 Ha at S.F.Nos. 258/1B1B of Chettikurichi Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by Thiru.A. Shahul Hameed - For Environmental Clearance.	8033	<p>The authority noted that the subject was appraised in 386th SEAC meeting held on 23.06.2023. Based on the presentation & documents furnished, SEAC decided to recommend the proposal for the grant of Environmental Clearance.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for a quantity of 1,99,340 m³ of Rough Stone & 29,316 m³ of Gravel for the depth of mining up to 23 m (below ground level) as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. Keeping in view of MoEF&CC notification S.O.1533(E) dated,14.09,2006 and S.O.</p>


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		<p>1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p> <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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 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
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should be brought to the notice of concerned authorities during inspections.

19. **File No: 8404**

Proposed Rough stone quarry over an extent of 1.50.0 Ha at S.F.Nos. 1 (Part) (Bit-3A) of Kondamanaickenpatti Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu by Tmt. S. Menaka - For Environmental Clearance.

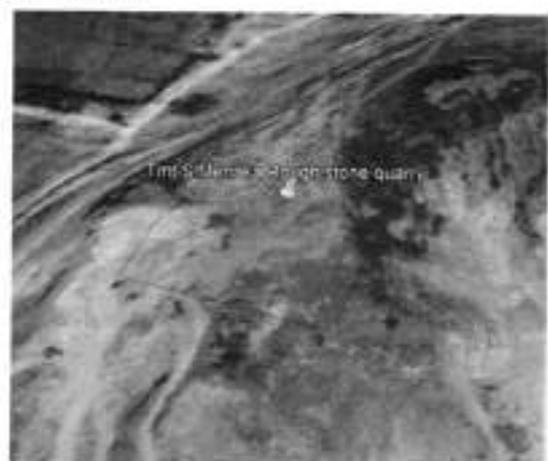
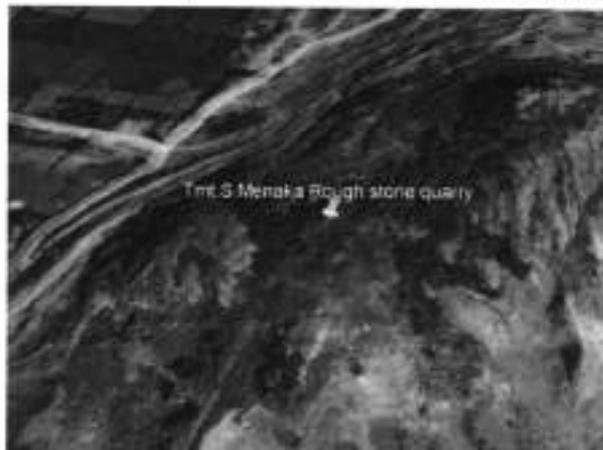
The authority noted that the subject was appraised in 386th SEAC meeting held on 23.06.2023.

During the presentation, SEAC noted that:

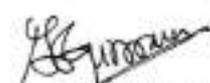
1. The proponent had obtained Precise area communication letter from District Collector vide Rc. No. 1446/Mines/2019 Dated: 20.12.2019 based on tender awarded to the proponent.
2. Further from the KML file uploaded by the proponent in Parivesh Portal and Google Imagery, it is construed that south western portion of the proposed lease area has been quarried after 2020 without valid a prior Environmental Clearance.
3. Further, based on the examination of timeline in Google imagery, it is ascertained that the quarrying activity had been carried out in the lease area awarded to the proponent even after the tender was finalised.

In the light of the above, SEAC decided that

- (i) The SEIAA may write to the concerned AD/ Mines seeking clarification regarding the status of the existing pit which has been observed from the google imagery during the period 2020 to 2022 (as given below), since Google map shows that mining activity has taken place after mine was allotted to the PP in tender.
- (ii) Further, the AD Mines shall inspect the aforesaid quarry site and give his comments on the existing site conditions along with last Bulk transport permit issued, if any, by Department of Geology and Mining to the lessee.



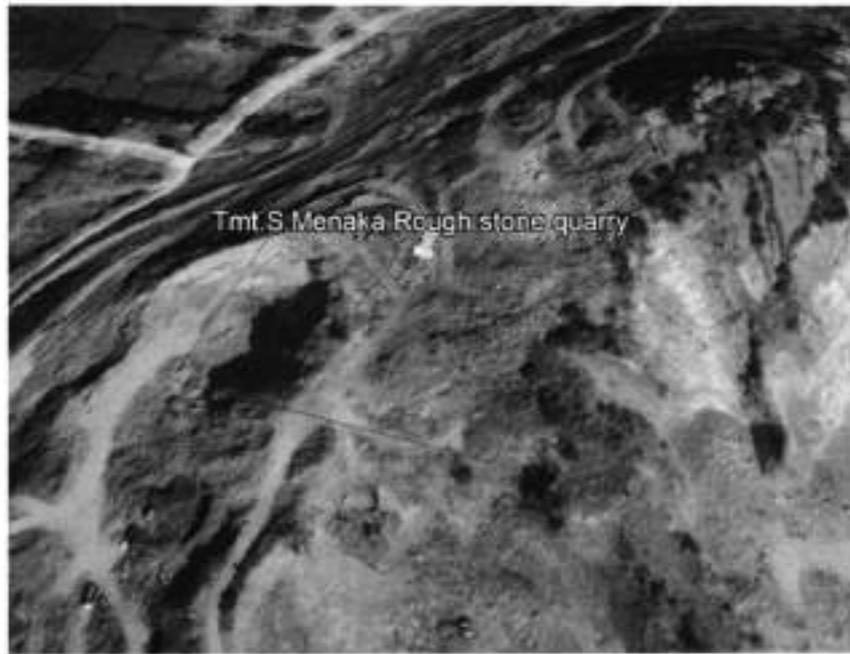

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During the year- 01/2020

During the year - 03/2021



During the year - 01/2022

(iii) The AD (Mines) shall give his comments on the extraction of safety zone/barrier demarcated for the PP in the leasehold area.

On the receipt of aforesaid details, further deliberation shall be done.

In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to write a letter addressed to concerned AD/Mines as per the direction given by SEAC and communicate the minutes of 386th SEAC meeting held on 23.06.2023 to the project proponent.

20.	Proposed Earth quarry lease over an extent of 2.30.0 Ha at S.F.No. 602/1A5 at Vettangudi Village, Sirkali Taluk, Mailaduthurai District, Tamil Nadu by Thiru. B. Gopalakrishnan - For Environmental Clearance.	8299	The authority noted that the subject was appraised in 386 th SEAC meeting held on 23.06.2023. During the presentation, EIA coordinator requested additional time to submit CRZ clearance. Hence, the proposal was deferred. In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 386 th SEAC held on 23.06.2023 to the project proponent.
21.	Existing Magnesite & Dunite Mine lease over an extent of 3.63.5 Ha in S.F.No. 527/B2 in Punganthurai	6123	The authority noted that the subject was appraised in the 386 th SEAC meeting held on 23.06.2023. Based on the presentation and document furnished


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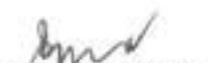

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	<p>Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Tmt.P.Baladevie - For Environmental Clearance under Violation</p>		<p>by the project proponent, SEAC decided to obtain the following additional particulars from the proponent:</p> <p>i) The proponent shall furnish a letter from the Deputy Director/ Asst. Director, Department of Geology and mining clearly stating the details of existing quarries, proposed quarries, lease expired quarries and abandoned quarries separately that are situated within the radius of 500m from the proposed project site in the prescribed format to ascertain the applicability of Public Hearing to the proposal.</p> <p>Meanwhile, the SEAC decided constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment, remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category.</p> <p>In view of this, the authority after deliberations, decided to request Member Secretary, SEIAA to communicate the minutes of the 386th SEAC meeting to the project proponent.</p>
22.	Proposed rough stone & gravel quarry lease over an extent of	9189	The authority noted that the subject was appraised in the 386 th SEAC meeting held on 23.06.2023.


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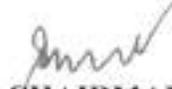

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	4.91.5 Ha at S.F.Nos. 92/3(P), 92/4(P), 93/1A(P), 93/1B(P), 93/2A, 93/2B(P), 110/3 and 110/4 of Pachapalayam Village, Sulur Taluk, Coimbatore District, Tamilnadu by Thiru.C.Kathirvel – For Environmental Clearance		SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. The Authority, after detailed discussions decided to consider the proposal after obtaining the following particulars from the project proponent: 1. The project proponent shall submit a Certified Compliance Report as per the MoEF&CC O.M dated.08.06.2022 for the previous EC obtained from SEIAA-TN dated.10.08.2016.
23.	Proposed rough stone & gravel quarry lease over an extent of 2.39.0 Ha at S.F.No. 70/2 & 70/3 of Myleripalayam village, Madukkarai Taluk, Coimbatore District, Tamilnadu by Tvl.Sri Vetri Velavan Blue Metals – For Environmental Clearance	9308	The authority noted that the subject was appraised in the 386 th SEAC meeting held on 23.06.2023. Based on the presentation and details furnished by the project proponent, the committee after detailed discussions decided to consider the proposal after the receipt of following details from the project proponent: i) The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m (iv) 300 m (v) 400m & (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, places of worship, industries, factories, sheds, village roads, etc. ii) The proponent shall furnish photographs of adequate fencing, green belt of 2 to 3 rows of vegetation along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.

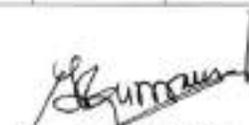

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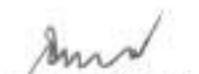

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			<p>iii) The proponent shall also furnish details/photographs of the garland drains provided.</p> <p>In view of this, the authority after deliberations, decided to request Member Secretary, SEIAA to communicate the minutes of the 386th SEAC meeting to the project proponent.</p>
24.	Proposed Rough Stone & Gravel quarry lease over an extent of 2.21.0 Ha at S.F.No. 408/1 (Part) of Pudur Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Mr.M.Shunmugaraj – For Environmental Clearance.	9914	<p>The authority noted that the subject was appraised in the 386th SEAC meeting held on 23.06.2023. Based on the presentation and details furnished by the project proponent, SEAC observed that:</p> <ul style="list-style-type: none"> i) The proposed quarry is located in a virgin site. ii) Solar Energy farm is located very close to the site. The distance of the nearest solar panel power unit is 80m from the project side on the western side. iii) The solar panel units lie within the Highly Sensitive Zone of 300 m from the lease boundary and there is the risk from the flyrock due to blasting operations and blast-induced ground & air vibrations, in the proposed quarrying operations. iv) The proposed quarrying operation involving blast-induced ground & air vibrations & flyrock due to rock blasting operations and dust pollution due to huge excavation & hauling operations may severely damage and reduce the energy conversion rate of the existing solar panel structures. <p>In view of the above facts, the Committee, after detailed deliberations, decided not to recommend</p>


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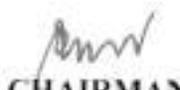

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			<p>the proposal for grant of Environmental Clearance.</p> <p>The Authority, after discussions, accepted the decision of SEAC and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per the 386th SEAC minutes. Further, Authority decided to close and record this proposal.</p>
25.	Proposed Rough Stone quarry Lease over an extent of 1.00.0 Ha at S.F.No. 139/1 (Part) in Esanai Village, Perambalur Taluk, Perambalur District, Tamilnadu by Thiru.P.Kalaiselvan – For Environmental Clearance.	9301	<p>The authority noted that the subject was appraised in the 386th SEAC meeting held on 23.06.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority, after detailed discussions decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <ol style="list-style-type: none"> 1. The project proponent shall upload the Certified Compliance Report obtained from IRO of MoEF&CC in the PARIVESH Portal and a copy of the same shall be submitted to SEIAA-TN.
26.	Proposed Grey Granite Quarry over an extent of 2.10.5 Hectare at S.F.No: 248/3A1B(P) & 248/3B1(P) of Soolamalai Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by Thiru.C.Rajendran - For Environmental Clearance.	5010	<p>The authority noted that the subject was appraised in the 386th SEAC meeting held on 23.06.2023. 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 revised area of 1.15.41 Ha for the quantity of RoM-30438.0m³ which includes 6087.6m³ of granite recovery</p>


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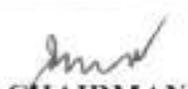

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(@20%) and 24350.4m³ of waste (@80%) upto the maximum depth of 26m as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. 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 rejects/wastes should be stored/dumped in the earmarked area within the project site should be used for mine closure activities.
3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
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


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			<p>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>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>
27.	Existing Magnesite mine lease over an extent of 3.23.7 Ha at S.F. No. 55/1, Moongilpadi Village, Omalur Taluk, Salem District, Tamil Nadu by Thiru A. Kesavan – for Environmental Clearance under violation	6223	<p>The authority noted that this subject was placed for appraisal in 386th meeting of SEAC held on 23.06.2023 and the SEAC decided to obtain the following details from the PP.</p> <p>1. The PP shall furnish the documentary evidence for nonoperation of quarry from 2017 from the competent authority.</p> <p>On the receipt of the same further deliberation will be done.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent.</p>
28.	Proposed Construction of High-Rise Building for Residential purpose at Block No. 16, T.S. No.	9421	<p>The authority noted that this proposal was placed for appraisal in 379th meeting of SEAC held on 12.05.2023. SEAC has furnished its</p>


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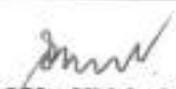

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<p>9/1 of Velachery Village, Velachery Taluk, Chennai District, Tamil Nadu by the M/s. IVAR Estates Private Limited-For Environmental Clearance.</p>	<p>recommendations for granting Environmental Clearance subject to the conditions stated therein. In view of the above, the authority raised ADS. The PP has now submitted reply for SEIAA ADS. The reply was placed in 636th authority meeting held on 10.07.2023. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant of Environmental Clearance subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. As accepted by the Project Proponent the CER cost is Rs.80 Lakhs and the amount (i) Rs.40L shall be spent for the committed activities for Corporation Higher Secondary School(300m. NW), Guindy and Government Higher Secondary School, Guindy (1.1km. S) (iii)Rs.40L Fund to Wild life warden, Chennai for conservation of black buck before obtaining CTE from TNPCCB. 2. The PP shall furnish approval letter from CMWSSB for supply of drinking water and disposal of excess treated to TNPCCB before obtaining CTE from TNPCCB. 3. The PP shall not plan children's play area in OSR. The PP shall revise the plan accordingly and submit to TNPCCB before obtaining CTE from TNPCCB. 4. The PP shall furnish revised approved plan after including children's play area to TNPCCB before obtaining CTO from TNPCCB. 5. The project proponent shall construct a pond of appropriate size in the earmarked OSR land in
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		<p>consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.</p> <ol style="list-style-type: none"> 6. The PP shall ensure health security for all staffs and PP shall ensure doctor is available at the site. 7. The proponent shall deploy cost-effective technology to reduce GHG emissions. 8. The proponent shall adopt strategies to develop carbon-neutral or zero-carbon building. 9. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials). 10. The proponent shall adopt strategies to decarbonize the building. 11. The proponent shall adopt strategies to maintain the health of the inhabitants. 12. The proponent shall adopt strategies to reduce electricity demand and consumption. 13. The proponent shall provide provisions for automated energy efficiency. 14. The proponent shall provide provisions for controlled ventilation and lighting systems.
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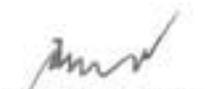

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		<p>15. The proponent shall adopt strategies to reduce temperature including the Building Façade.</p> <p>16. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, 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.</p> <p>17. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.</p> <p>18. The proponent shall adopt methodology to control thermal environment and other shocks in the building.</p> <p>19. The proponent shall adopt strategies to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities.</p> <p>20. 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>21. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc..</p>
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		<p>22. The proponent should develop an emergency response plan in addition to the disaster management plan.</p> <p>23. The proponent should maintain environmental audits to measure and mitigate environmental concerns.</p> <p>24. 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>25. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.</p> <p>26. 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> <p>27. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.</p> <p>28. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.</p> <p>29. 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.</p> <p>30. The proponent shall adopt strategies to prevent bird hits and impact on movement of migratory birds.</p>
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			<p>31. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.</p> <p>32. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.</p>
29.	Proposed construction of residential development at S.F. No: 733/4, Veeriyamapalayam Road, Kalapatti Village, Coimbatore North Taluk, Coimbatore District, Tamilnadu by M/s. Infinium Developers LLP – for Environmental Clearance	9863	<p>SEAC, in its 375th meeting held on 04.05.2023, has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. Earlier, it was placed in 622nd SEIAA meeting held on 26.05.2023 & 630th SEIAA meeting held on 16.06.2023. After detailed discussions, SEIAA decided to obtain the following additional details from the PP.</p> <ol style="list-style-type: none"> 1. The proponent shall furnish the details of OSR. 2. The proponent shall furnish the details regarding Children's Play Area in the project site. 3. Details of Disaster Management Plan. 4. The proponent shall furnish Club Staff details. 5. The Proponent shall furnish the commitment letter obtained from Coimbatore City Municipal Corporation for fresh water supply and disposal of sewage. <p>On the receipt of the reply received from the proponent, it was again placed in the 636th SEIAA meeting held on 10.07.2023. After detailed discussion, SEIAA decided to grant Environmental</p>


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			<p>Clearance to the proposal subject to the conditions as recommended by SEAC in addition to the following conditions in Annexure 'C' of this minutes.</p> <p>i) Children's play area should be provided within the project site and it should not be located in the area earmarked for OSR.</p>
30.	To consider the proposal for the grant of Environmental Clearance for the Black Granite for over an extent of 3.06.0 Ha in S.F.Nos. 22/1, 23/1, 2, 24/7, 8, 25/1 and 25/2 at Semmedu Village in Vikravvandi Taluk, Viluppuram District Tamil Nadu by M/s. Stone Trust Enterprises Exports.	9641	After detailed discussion, the Authority decided to forward the proposal to SEAC to look into the order dated 12.06.2023 passed by Hon'ble High Court of Madras in W.P. 17246 of 2023.
31.	Note to consider for the grant of Environmental Clearance Name Transfer for the Construction of Hostel Building Complex from M/s. SPR Construction Private Limited to M/s. SPR SPD Industrial Housing Private Limited at S.F.Nos. 22/2, 22/3A, 22/3B, 22/4, 22/5, 31/9, 31/10, 22/6, 22/8A1, 22/9A1, 22/10A1, 23/4, 23/5A1 of Thandalam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.	8670	<p>The subject was placed in 636th Authority meeting held on 10.07.2023.</p> <p>The authority noted that the Environmental Clearance was accorded to M/s. SPR Constructions Private Limited vide this office Letter No. SEIAA-TN/F.No.8670/EC/8(a)/840/2022 dated: 14.06.2022 for the Proposed construction of Men's and Women's Hostel building complex project by M/s. SPR Constructions Private Limited at S.F.Nos. 22/2, 22/3A, 22/3B, 22/4, 22/5, 31/9, 31/10, 22/6, 22/8A1, 22/9A1, 22/10A1, 23/4, 23/5A1 of Thandalam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu under Category B2 and Schedule S. No. 8(a) under the</p>


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Environment Impact Assessment Notification, 2006, as amended, with validity for Seven years from the date of issue of EC.

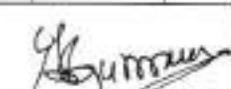
Subsequently, M/s. SPR SPD Industrial Housing Private Limited had applied on PARIVESH portal in Form 7 vide online proposal No. SIA/TN/MIS/299483/2023 dated: 19.04.2023 requesting for Transfer of EC.

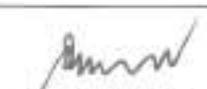
Authority after detailed deliberation, noted that M/s. SPR SPD Industrial Housing Private Limited has submitted following documents

1. Covering letter duly signed by authorized person, Khush Gautam Pomani – Director – Purchases and Projects requesting for transfer of EC granted.
2. Details of Physical process made on the facilities for which environmental clearance was granted. The status of implementation of the earlier issued Environmental Clearance has been furnished.
3. Undertaking letter signed by authorized person regarding acceptance of the terms and conditions in Environmental Clearance granted.
4. No Objection issued to confirm that M/s. SPR Constructions Private Limited had conveyed the property in favour of M/s. SPR SPD Industrial Housing Private Limited vide Registered Sale Deed dated 24th December 2021.
5. The copy of transfer of firm from competent authority through Deed of Absolute Sale dated 24th December 2021.

After detailed discussion, as per the Clause 11 of the EIA Notification dated 14th September 2006,


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			<p>the Authority decided to transfer the EC issued vide Letter No. SEIAA-TN/F.No.8670/EC/8(a)/840/2022 dated: 14.06.2022 from M/s. SPR Constructions Private Limited to M/s. SPR SPD Industrial Housing Private Limited.</p> <p>In case of any change in the proposal the proponent must seek SEIAA-TN to obtain the necessary approval prior to the construction.</p> <p>All other conditions and the validity issued vide EC dated 14.06.2022 remains unaltered and unchanged.</p>
32.	<p>Proposed Wind Earth quarry lease area over an extent of 1.53.0Ha at S.F.Nos.191/1A & 191/1B of Rasingapuram Village, Bodinaickanur Taluk, Theni District, Tamil Nadu by Thiru.N.Rajesh - For Environmental Clearance.</p>	7883	<p>The authority noted that the subject was appraised in 366th meeting of SEAC held on 30.03.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. Subsequently, in the 613th authority meeting held on 21.04.2023, the authority decided to defer and decided the direct the PP to furnish certain additional particulars. In this connection, the project proponent has furnished reply vide Lr. Dt: 26.06.2023.</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 30,456 cu.m of Rough Stone and the depth of mining upto 2m as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions</p>

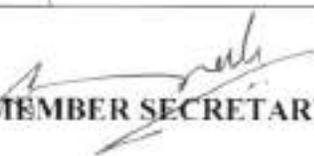

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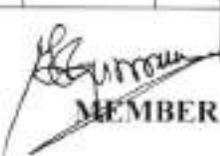

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stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. 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 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
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


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		<p>recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p> <p>7. The project proponent shall store/dump Topsoil generated within the earmarked area of the project site and the utilize the same for mine closure.</p> <p>8. The project proponent shall spend EMP cost of Rs. 1.95 Lakhs/ 2 Years including capital & recurring cost with 5% inflation cost anticipated every year as committed.</p> <p>9. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the CER cost is Rs. 1 Lakhs and the amount shall be spent for the Rasingapuram Govt. School as committed, before obtaining CTO from TNPCB.</p> <p>10. All the trees listed within the proposed mining area shall be transplanted all along the boundary.</p> <p>11. The PP shall ensure protection for the list of shrubs, herbs, climbers and the threatened/endangered vulnerable species within the proposed mining area as mentioned in the documents submitted.</p> <p>12. The PP shall ensure that the Wildlife habitat and Biodiversity shall not be disturbed.</p>
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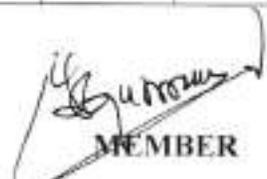

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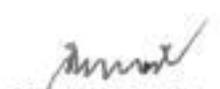

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			13. The PP shall ensure no impact on surrounding waterbodies and water course by the way of soil erosion, etc.
33.	EC Surrender application for submitted by M/s. L&T South City Projects Ltd (Eden Park Phase 2) SF.No. 90/3A1A, 3A1B(Part) of Pudupakkam Village & SF.No. 123, 127/1 etc of Siruseri Village, Chengalpattu Taluk, Kancheepuram District.	509	<p>The Authority noted the following</p> <ol style="list-style-type: none"> 1. Earlier, the project proponent M/s. L&T South City Projects Ltd (Eden Park Phase 2) SF.No. 90/3A1A, 3A1B(Part) of Pudupakkam Village & SF.No. 123, 127/1 etc of Siruseri Village, Chengalpattu Taluk, Kancheepuram District has obtained Environmental Clearance vide SEIAA/TN Lr. Dt:07.11.2013 for Built up area 5,42,148 Sq.m valid upto 06/11/2024 as per OM Dt: 13.12.2022. Further, the PP has obtained CTE Dt: 22/11/2013 and obtained partial CTO Dt:18.01.2023 from SPCB for Built-up area - 1,56,469 Sq.m. 2. Now, the project proponent M/s. Pragnya South City Projects Private Limited decided to surrender EC obtained vide SEIAA-TN Lr. Dt:07.11.2013 due market status and proposed to obtain separate EC for separate Blocks in phased manner. In this connection, the PP has applied for separate EC for the proposed Phase 2 (Daffodils) - Block C2 (Built-up area - 44869.56 Sq.m) & CS6 (Carparking blocks) - (Built-up area - 3618.08 Sq.m). 3. In this connection, the subject was placed in 385th SEAC meeting held on 22.06.2023, SEAC observed that the earlier EC will be valid till 6.11.2024. The MOEF&CC has issued OM No. F.No. 1A3-22/10/2022-1A.III (E 177258) Dt. 29.3.2022 and prescribed the procedure to


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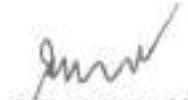

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			<p>be followed by the PP while surrendering the prior EC accorded by the MOEF&CC/SEIAA for developmental projects. Therefore, SEAC decided to defer the proposal and instructed the PP to comply with the above said OM.</p> <p>4. In this regard, the project proponent vide Lr. Dt 03.07.2023 has requested for partial EC surrender of said Environmental Clearance obtained vide SEIAA/TN Lr. Dt:07.11.2013 through offline (since online portal for provision of Form-11 is under development as informed by PP) along with mandatory documents as per MOEF&CC has issued OM No. F.No. 1A3-22/10/2022-1A.III (E 177258) Dt. 29.3.2022.</p> <p>In view of the above, the authority after detailed discussion decided to forward the said application seeking partial EC surrender to SEIAA for further course of action.</p>
34.	Proposed Construction of Multi Super Specialty Hospital Building in Government Pentland Hospital at Survey Nos. 693, 961 & Block.No.13, 16 of Vellore Taluk, Vellore District, Tamil Nadu by M/s, Public Works Department - For Environmental Clearance	10033	<p>Earlier, the proposal was placed in the 627th authority meeting held on 06.06.2023. The authority noted that the subject was appraised in the 380th SEAC meeting held on 17.05.2023. SEAC has furnished its recommendations to the authority for granting environmental clearance subject to the conditions stated therein.</p> <p>The Authority, after detailed deliberations decided to consider the proposal after obtaining the following details from the project proponent:</p> <p>a) The proponent shall upload the Presentation presented before the Committee during the</p>


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380th SEAC meeting in the PARIVESH Portal.

- b) From the KML file uploaded in the PARIVESH Portal, it is ascertained that structures/buildings are located within the project area. Hence, the proponent shall furnish the details of the structures/buildings located within the proposed project area including the nature & purpose of the buildings, their built-up area, details of EC obtained earlier, if any, etc.
- c) From the details furnished by the proponent, it is ascertained that the Permissible FAR for the proposed site is 0.8 whereas the proposed FAR is 1.87. The proponent shall furnish justification and also the approval obtained from the competent authority for the same.

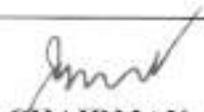
The proponent, vide letter dated.27.06.2023 furnished a reply for the above queries/details requested in the 627th authority meeting.

After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC & normal conditions and conditions in Annexure 'C' of this minutes in addition to the following conditions:

1. Since the project area is 20006.95 sq.m, a minimum of 1000 trees should be planted in three layers to develop green wall in and around the project area in order to mitigate dust and noise pollution. Trees of various canopy dimensions shall be used.


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		<ol style="list-style-type: none"> 2. The Hospital should Anticipate climate-related vagaries, shocks & stresses and build sufficient caution in the disaster management plan. 3. Prompt Action should be taken to mitigate carbon emissions, GHGs & reduce carbon footprint to enable health comforts & management. 4. There should be an appropriate plan for waste management. 5. All activities during operation & post operation should be energy efficient with proper emission audits. 6. The proponent shall adopt strategies to reduce temperature including the Building Façade.
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Annexure-'A'

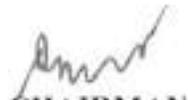
EC Compliance

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.
3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).
4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Applicable Regulatory Frameworks


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

Safe mining Practices

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

Water Environment – Protection and mitigation measures

9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.


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11. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.
12. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA.
15. Regular monitoring of ground water level and water quality shall be carried out around the mine area during mining operation. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
16. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

Air Environment – Protection and mitigation measures

17. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations.
18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.
19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

Soil Environment – Protection and mitigation measures

20. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.
21. The proponent shall ensure that activity does not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soil and water.


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22. The activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.
23. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.
24. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.
25. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.
26. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.
27. The top soil shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

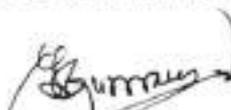
Noise Environment – Protection and mitigation measures

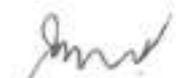
28. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
29. The sound at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and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

Biodiversity - Protection and mitigation measures

30. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
31. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the


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movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.

32. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
33. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.
34. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

Climate Change

35. The project activity should not in any way impact the climate and lead to a rise in temperature.
36. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
37. Intensive mining activity should not add to temperature rise and global warming.
38. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
39. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
40. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
41. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
42. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

Reserve Forests & Protected Areas

43. The activities should provide nature based support and solutions for forest protection and wildlife conservation.


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

Green Belt Development

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

Workers and their protection

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

Transportation

57. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the


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adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

58. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

Storage of wastes

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

CER/EMP

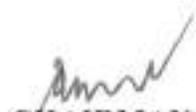
60. The CER Should be fully Implemented and fact reflected in the Half-yearly compliance report.
61. The EMP Shall also be implemented in consultation with local self-government institutions.
62. The follow-up action on the implementation of CER Shall be included in the compliance report.

Directions for Reclamation of mine sites

63. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should


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ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.

64. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.
65. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.
66. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.
67. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
68. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.
69. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.
70. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.


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71. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
72. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
73. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. The land disturbed should be reshaped for long term use. Mining should be as far as possible be eco-friendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
74. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following the succession process allowing pioneer species to establish. The other approach i.e plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.
75. Action taken for restoration of the site should be specifically mentioned in the EC compliances.

Annexure '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.


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

Health

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

Energy

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

Regulatory Frameworks

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


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

Database maintenance & audits

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

Biodiversity

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

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.
29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.
30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.


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