

MINUTES

652nd MEETING

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

Date: 07.09.2023

**MINUTES OF THE 652nd MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 07.09.2023.**

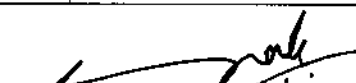
Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 651 st meeting of the Authority held on 30.08.2023.		The minutes of the 651 st meeting of the Authority held on 30.08.2023 was confirmed.
b)	The Action taken on the decisions of the 651 st meeting of the Authority held on 30.08.2023.		The Member Secretary informed that 651 st Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Proposed Rough Stone quarry lease over an extent of 1.00.0Ha (Govt. Poramboke Land) at SF.No.173/20 (Part-IV) of Nangathur Village, Vikravandi Taluk, Viluppuram District, Tamil Nadu by Thiru.K.Manickam - For Environmental Clearance. (SIA/TN/MIN/431860/2023)	10107	The authority noted that the subject was appraised in the 401 th Meeting of SEAC held on 16.08.2023. SEAC decided to obtain the following additional particulars from the project proponent as stated therein. Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal. In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 16.08.2023.
2.	Proposed Rough stone & Gravel quarry lease over an extent of 3.50.0Ha in S.F. No:1/1B (Part) of Peddasigarlapalli Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. G.B Blue Metals - For Environmental	10125	The authority noted that the subject was appraised in the 401 th Meeting of SEAC held on 16.08.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific

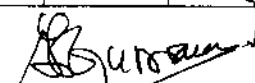

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<p>Clearance. (SIA/TN/MIN/431878/2023)</p>		<p>and systematic mining, decided to grant Environmental Clearance for the quantity of 5,10,105 m³ of rough stone & 66738 m³ of gravel up to the depth of 47m (10m AGL & 37m BGL) and the annual peak production should not exceed 105335 m³ of rough stone & 23752 m³ of gravel. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 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
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			<p>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> <p>7. The PP shall carryout transplantation /plantation/ afforestation of tall native saplings in the ratio 1:10 in regard to existing the trees cut down (or) 500 Nos. of Trees per hectare of mining lease area all along the periphery within the proposed mining area and as well as avenue plantation as committed.</p>
3.	<p>Proposed Rough stone quarry lease over an extent of 1.00.0Ha in S.F. No:70/1 (P) & 71/1, Myleripalayam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru.K.Ramaraj- For Environmental Clearance. (SIA/TN/MIN/432261/2023)</p>	10131	<p>The authority noted that the subject was appraised in the 401th Meeting of SEAC held on 16.08.2023. SEAC decided to obtain the following additional particulars from the project proponent as stated therein. Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project</p>


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			proponent held on 16.08.2023.
4.	Proposed Multicolor Granite Quarry over an extent of 1.38.5 Ha at S.F.Nos. 424/2A and 424/3A of K.Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu by Tvl. Madhucon Granites Ltd - For Environmental Clearance. (SIA/TN/MIN/432282/2023)	10108	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. 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 RoM – 13,890m³ which includes 8334 m³ of granite recovery (@60%) & 5556 m³ of granite waste (@40%) up to the depth of 48m below ground level and the annual peak production should not exceed 8334 m³ of granite recovery. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.


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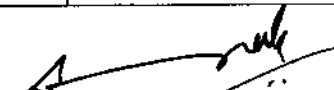
			<p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly 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>
5.	Proposed Rough Stone and Gravel Quarry over an extent of 4.33.5Ha at S.F. No's: 326/A1(P), 326/B1(P) & 333/2(P) of Thennilai East Village, Pugalur Taluk, Karur District, Tamil Nadu by Tvl. Balavinayaga Blue Metals-For	10120	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. 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</p>

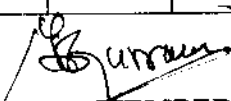

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	<p>Environmental Clearance. (SIA/TN/MIN/431629/2023)</p>	<p>safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 834506 m³ of rough stone up to the depth of 43m BGL and the annual peak production should not exceed 170567 m³ of rough stone. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</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. As per the mining plan, the lease period is valid upto 25.11.2023. Hence, the Proponent shall submit a valid lease extension document before obtaining CTO from the TNPCB. 3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 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.
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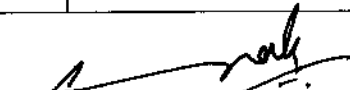
			<p>6. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH 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>
6.	<p>Proposed Rough Stone and Gravel Quarry over an extent of 2.77.5 Ha at S.F.Nos. 455/A2, 455/A1, 456/1A, 456/2A (P), 456/2B1 (P), 456/1B, 456/3A & 461/1A (P) of P.Anaipalayam Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s.Ravi Blue Metals -For Environmental Clearance. (SIA/TN/MIN/432996/2023)</p>	10126	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. 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 184771 m³ of rough stone & 11724 m³ of Gravel up to the depth of 42m BGL and the annual peak production should not exceed 40320 m³ of rough stone & 6048 m³ of Gravel. This is also subject to the conditions imposed by SEAC, normal</p>

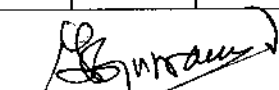

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		<p>conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. 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
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			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.	Existing Rough Stone quarry lease over an extent of 1.00 Ha Government land at S.F.No. 182/4 (Block-2) in Veeralapatti Village, Oddanchatram Taluk, Dindigul District, Tamil Nadu by Thiru. P.Palanisamy- For Environment Clearance. (SIA/TN/MIN/432592/2023)	10109	<p>The Authority noted that the subject was appraised in 402nd meeting of SEAC held on 17.08.2023 and the SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 40008 m³ of Rough stone upto the depth of 40m (20m AGL+ 20mBGL) and the annual peak production should not exceed 8140 m³ of Rough stone as per the approved mining plan. This is also subject to the standard conditions as per Annexure (1) 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 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 EMP5. As per the OM vide F. No. 1A3-22/1/2022-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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8.	Proposed Rough Stone lease over an extent of 1.00.0 Ha at S.F.No.839/2(Part) in Sokkanur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. J. Sathyan Praveen – For Environment Clearance. (SIA/TN/MIN/431805/2023)	10115	<p>The Authority noted that the subject was appraised in 401st meeting of SEAC held on 16.08.2023. The SEAC has decided not to recommend the proposal for the grant of Environmental Clearance citing the following reasons:</p> <ol style="list-style-type: none"> 1. There are many structures including the labour sheds and cow sheds located within 300m radius of the proposed mine lease area. 2. The existing trees & strong vegetation present within the mine lease area may be disturbed unnecessarily causing the ecological damage while carrying out the proposed quarrying activity. 3. The proposed area has no mining activity in the vicinity and if mining activity is allowed, it may have a negative impact on the surrounding lush green environment and coconut groves. <p>The Authority, after detailed discussions, accepted the recommendations of the SEAC and decided to reject the project proposal.</p>
9.	Proposed Multi Colour Granite Quarry lease over an extent of 2.02.4 Ha at S.F.No.688/1,689,692(Part) & 693 in Karikali Village, Vedasanthur Taluk, Dindigul District, Tamil Nadu by M/s. Elephant Granites – For Environment Clearance. (SIA/TN/MIN/433173/2023)	10127	<p>The Authority noted that the subject was appraised in 401st meeting of SEAC held on 16.08.2023. The SEAC noted that the project site is located within 10km distance from the Kadavur Slender Loris Sanctuary, Para(3) sub para(ii) of the MoEF & CC O.M. F.No. 6-60/2020WL Part(1) dated 16.07.2020 states that,</p> <ol style="list-style-type: none"> ii. Proposals involving activity/project located within 10km of National Park/Wildlife Sanctuary wherein ESZ has


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			<p>not been finally notified and listed in the Schedule of the EIA Notification 2006 and requiring environment clearance, prior clearance from Standing Committee of the National Board for Wild Life will be required.</p> <p>The Committee directed the Project proponent to furnish NBWL Clearance for the proposed project activity and CCR from the competent Authority for the existing quarry. On receipt of the additional particulars sought the Committee will further deliberate and decide on future course of action.</p> <p>The Authority decided to request the Member Secretary, SEIAA TN to call the details sought from the PP through PARIVESH Portal. Hence, the proponent is advised to submit the above-mentioned details within a period of 30 days failing which the proposal will be automatically delisted from the PARIVESH Portal.</p>
10.	Proposed Rough Stone quarry lease over an extent of 2.00.10ha in S.F. No. 1193/1 (PART) at Kodakkal Village, Sholinghur Taluk, Ranipet District, Tamil Nadu by Tvl. KCC Buildcon Private Limited - For Environmental Clearance. (SIA/TN/MIN/430493/2023)	10102	<p>The proposal was placed in the 40th SEAC Meeting held on 16.08.2023. 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 2,06,150m³ of rough stone up to the depth of 46m Above ground level and the annual peak production should not exceed 2,06,150m³ of rough stone. This is also subject to the conditions</p>


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imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minute.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise


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			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.
11.	Proposed Rough Stone & Gravel quarry lease over an extent of 2.27.0 ha in S.F. No. 503/1A, 503/1B & 503/2(P) at Puravipalayam Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru. K.T.Chenthamara - For Environmental Clearance. (SIA/TN/MIN/431472/2023)	10110	<p>The proposal was placed in the 401st SEAC Meeting held on 16.08.2023. Based on the presentation and the documents furnished by the Proponent, SEAC noted the following proceedings of the commissioner of geology and mining vide Rc.No. 7958/MM1/2022 dated 25.11.2022</p> <ol style="list-style-type: none"> 1. A quarry lease had been granted in favour of Thiru K. T. Chenthamarai for quarrying rough stone and gravel over an extent of 2.27.0 hectares of patta land comprising S.F.Nos.503/1A, 503/18 & 503/2 of Puravipalayam village, Pollachi taluk, Coimbatore District by the District Collector, Coimbatore vide proceedings in Rc.No.1436/Kanimam/2017, dated 22.12.2018 for a period of five years valid from 22.12.2018 to 21.12.2023. 2. One Thiru K. A. Radhakrishnan had filed W.P.No.17367 of 2020 before the Hon'ble Madras High Court with a prayer to direct the official respondents to take all appropriate steps to stop and close down forthwith the entire illegal mining activity done by the 8th respondent in violation of the conditions imposed in their respective land situated at Pollachi and pass


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appropriate orders within a time frame fixed by the Hon'ble Court.

3. The Commissioner of Geology and Mining vide Rc.No.216/MM1/2021, dated 05.03.2021 constituted Joint Committee to carry out inspection in the subject quarry to file factual report. In pursuant to the orders of the Commissioner of Geology and Mining, the Joint Committee had carried out inspection in the subject areas and filed inspection report on 10.03.2021.
4. Based on the report filed by the Joint Committee, the Sub Collector, Pollachi vide Rc.No.818/2021/A2, dated 29.01.2022 had levied penalty on Thiru. K. T. Chenthamarai, Managing Director of Tvl.Yen Cees Blue Metals for a sum of Rs.32,29,77,792/- for indulging illicit quarrying and transportation of minerals from the lease hold areas in S.F.Nos.495/2A, 504/2A, 504/28, 503/1A, 503/18 & 503/2 and non-lease hold areas in S.F.Nos.495/2B(P), 502/1(P) & 503/2(P) & 497(P) & 502/1(P) of Puravipalayam village, Pollachi taluk, Coimbatore District.
5. Aggrieved by the said order passed by the Sub Collector, Pollachi, Thiru. K. T. Chenthamarai had preferred an appeal before the Commissioner of Geology and Mining with a prayer to set aside the orders passed by the Sub Collector, Pollachi vide proceedings In Rc.No.818/2021/A2, dated 29.01.2022.

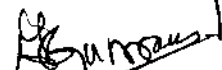

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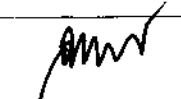

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		<p>6. The Commissioner of Geology and Mining had afforded an opportunity to the appellant for personal hearing and the appellant had appeared before the Commissioner of Geology and Mining and submitted written statement dated 24.11.2022 & 25.11.2022.</p> <p>7. In this regard, the contention of appeal petition preferred by the appellant, orders passed by the Sub Collector, Pollachi, statement of the appellant and other connected records were examined as per Act and Rules and the observations were made stated therein.</p> <p>8. Based on the observations stated therein, it was revealed that the appellant had indulged in illicit quarrying and transportation of minerals without valid permits. For the violations committed by the appellant, penalty was levied on the appellant as per the assessment carried out by the department of Geology and mining.</p> <p>9. The Assistant Director of Geology and Mining, Coimbatore was instructed by Director of Geology and mining to inspect the adjacent non-leased areas and to ascertain whether the lessee had indulged in illegal quarrying and transportation of minerals from the non-leased areas and also to ascertain whether overburden is dumped in the leased area/non-leased areas as stated by the appellant and to send a report for taking further action in respect of violations indulged in non-leased areas.</p>
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In the view of the aforesaid proceedings of Commissioner of Geology and Mining, Committee noted that the Assistant Director has not furnished the report as directed by Commissioner of Geology and Mining in the para 9 of the proceedings of Commissioner of Geology and Mining vide Rc.No. 7958/MM1/2022 dated 25.11.2022. Besides, the SEAC had also observed from the KML file that the quarrying operation has been carried out outside the boundary of mine lease area. Hence, in the view of the above facts and documents furnished by the proponent, SEAC decided to call for additional details

(i) The AD/mines shall carry out the field investigation to ascertain the actual conditions in the site and shall furnish the report with respect to the directions given by Commissioner of Geology and Mining as stated above.

(ii) The proponent shall submit certified compliance report obtained from IRO, MoEF&CC.

On receipt of the details sought above, the SEAC will further deliberate and decide on future course of action. The proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.

In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 401st SEAC held on 16.08.2023 to the project proponent.

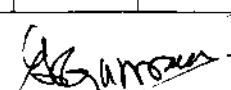

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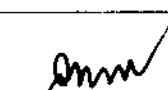

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12.	Proposed Gravel quarry lease over an extent of 1.44.0ha in S.F. No. 5/1, 5/2 & 5/3 at Sanankulam Village, Vembakkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. S.Manohar - For Environmental Clearance. (SIA/TN/MIN/432528/2023)	10116	<p>The proposal was placed in the 401st SEAC Meeting held on 16.08.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity 22,304m³ of Gravel up to the depth of 2m BGL and the annual peak production should not exceed 7,436m³ of Gravel. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minute.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the 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
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			<p>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>
13.	<p>Proposed Rough Stone quarry lease over an extent of 2.19.0ha in S.F. No. 63(Part-1) at Kulasekarankottai Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru. P. Prabhu - For Environmental Clearance.</p> <p>(SIA/TN/MIN/432741/2023)</p>	10122	<p>The proposal was placed in the 401st SEAC Meeting held on 16.08.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity 2,45,128m³ of Rough Stone up to the depth of 45m (15m AGL + 30m BGL) and the annual peak production should not exceed 62,320m³ of Rough Stone. This is also subject to the conditions</p>


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		<p>imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minute.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the 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
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			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.
14.	Proposed Grey Granite quarry lease over an extent of 1.24.0 ha in S.F. No. 435/1A (P), 435/1E2, 435/1F2 (P), 435/1G2 (P), 435/1K (P), 435/1E1, 435/1D1, 435/1D2, 435/1F1 & 435/1G1 at Kendikampatti Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by Thiru.J. Kasinathan - For Environmental Clearance. (SIA/TN/MIN/433338/2023)	10128	The proposal was placed in the 401 st SEAC Meeting held on 16.08.2023. Based on the presentation and the documents furnished by the Proponent, the SEAC decided to call for additional details; <ul style="list-style-type: none"> 1. The PP shall submit Certified Compliance Report obtained from IRO, MoEF&CC for ascertaining the existing conditions of mine granted with ECLr. No.03/DEIAA-KGI/EC No.35/2018, Dated. 27.08.2018. 2. The PP shall submit the Review of Mining Plan enclosing the relevant Scheme of Mining duly approved by the Competent Authority indicating the annual programme and plan for excavation activities on the precise area from year to year for the current & next period of five years, i.e., 2023 to 2028. 3. The PP shall submit an affidavit stating that the proponent has stopped all the quarrying activity including excavation, transportation and dispatch of mineral/waste with effect from 28.05.2023, i.e. to facilitate the PP for submitting the application and completion of statutory formalities pertaining to the


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discontinuance of mining operations in accordance with MMDR Act 1957 & Mines Act 1952, within one month of issue of ELA Office memorandum F.No. IA3-22/11/2023-IA (E-208230), dated. 28.04.2023 and will continue to operate only after obtaining Environmental clearance from SEIAA-TN once completing the remedial actions based on such re-appraisal by SEIAA-TN.

4. The PP shall submit a letter obtained from concerned AD/Mines regarding the following details.

- i. Exact depth of existing pit, period of the operation and stoppage of the earlier mining operation & quantity of minerals mined out.
- ii. The copy of demand notice served on total penalty levied, if any and copy of remittance of total penalty by PP.
- iii. A letter from AD/DD mines stating that the project will not fall under violation category, clearly stating whether mining has been carried out outside mine lease area for which the PP has not obtained any prior EC.

On receipt of the details sought above, the SEAC will further deliberate and decide on future course of action. The proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your


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			<p>proposal will automatically get delisted from the PARIVESH portal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 401st SEAC held on 16.08.2023 to the project proponent.</p>
15.	<p>Proposed Rough Stone Quarry and Gravel lease over an extent of 3.44.0 Ha (Patta Land) at S.F.Nos. 68/1 (Part) & 69 (Part) of Katteri Village, Uthangarai Taluk, Krishnagiri District, Tamil Nadu by Thiru. T. Raviganesan - For Environmental Clearance. (SIA/TN/MIN/432309/2023)</p>	10111	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. Based on the presentation made and documents submitted and from the KML file uploaded in the PARIVESH Portal, SEAC noted the following.</p> <ul style="list-style-type: none"> i) The applied site is a fresh area, hitherto unmined. ii) Kottukarampatti village/habitation is located at a distance of about 260m from the project site on the northern side. iii) Onnakarai RF is located at a distance of 55m from the northern boundary of the project area. iv) SH 179 A connecting Uthangarai to Arur is located at a distance of 220m on the western side of the project site. v) Govt. Veterinary Hospital is located at a distance of 225m on the western side of the project area. vi) One major water body - Katteri Lake is located at a distance of 390 m from the boundary of lease. vii) One educational institute, namely, Sri Vidya Mandir Arts & Science College is located at a distance of 550m on the southern side of the project area.


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			<p>viii) Habitations are also located on the south-western side of the project area at a distance of 310m.</p> <p>In view of the above sensitivities, the Committee decided not to recommend the proposal for grant of Environmental Clearance.</p> <p>The Authority, after discussions, accepted the decision of SEAC, Rejected the proposal and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per the 401st SEAC minutes. Further, Authority decided to close and record this proposal.</p>
16.	<p>Proposed Rough Stone and Gravel Quarry lease over an extent of 1.76.0 Ha (Patta Land) at S.F.Nos. 353/2 & 354 of Periyapatti Village, Namakkal Taluk, Namakkal District, Tamil Nadu by Tmt. A. Indira – For Environmental Clearance. (SIA/TN/MIN/432646/2023)</p>	10123	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. Based on the presentation and details furnished by the project proponent, the Committee decided to call for the following details from the project proponent to consider the proposal for appraisal:</p> <ul style="list-style-type: none"> i) Details on the existence of schools (both Govt & Private schools) and any other sensitive structures including temples, etc in the vicinity of the existing quarry site and detail the impact of mining activities & mitigation measures for protecting these structures. ii) Details of EC violation by way of exceeding the prescribed depth and for mining in the safety area. <p>In view of this, the authority after deliberations, decided to request Member Secretary, SEIAA to communicate the minutes of the 401st SEAC meeting to the project proponent.</p>


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17.	Proposed Rough Stone Quarry and Gravel lease over an extent of 2.07.0 Ha (Patta Land) at S.F.Nos. 208/1 (Part) of Ramapattinam Village, Pollachi Taluk, Coimbatore District. Tamil Nadu by Mr. Pritto Francis (Managing Partner) of M/s. Green Sand Granites - For Environmental Clearance. (SIA/TN/MIN/432865/2023)	10129	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.08.2023. During deliberations and from the KML file uploaded in the PARIVESH Portal, the Committee observed that:</p> <ul style="list-style-type: none"> i) The proposed site is a fresh area. ii) The proposed project area is surrounded by numerous coconut trees and farms on all sides. iii) A crusher and two other quarries are already operating near the proposed project area and hence the commencement of one more quarry (current proposal) operation in the area will lead to excessive dust and noise pollution load disrupting the existing environmental settings. <p>In view of the above, the Committee decided not to recommend the proposal for grant of Environmental Clearance.</p> <p>The Authority, after discussions, accepted the decision of SEAC Rejected the proposal and decided to request Member Secretary, SEIAA-TN to grant rejection letter to proponent as per the 401st SEAC minutes. Further, Authority decided to close and record this proposal.</p>
18.	Proposed Rough stone & Gravel quarry lease over an extent of 2.48.15Ha at SF.No. 349/2(P), 349/3(P), 349/5(P), 349/8(P), 349/9(P) & 349/11(P) of Sathyamangalam Village, Kulathur Taluk, Pudukottai District, Tamil	9890	<p>The authority noted that the subject was appraised in the 401st SEAC meeting held on 16.8.2023. 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</p>


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<p>Nadu by Thiru. M. Rasu - for Environmental Clearance. (SIA/TN/MIN/432437/2023)</p>	<p>safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 2,96,600m³ of Rough stone and 39,480m³ of Gravel up to the depth of mining 22m BGL and the annual peak production should not exceed 67,500m³ of Rough stone and 15,080m³ of Gravel. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 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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			<p>monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
19.	Proposed Rough stone quarry lease over an extent of 1.40.0Ha at SF.No. 73(Part-1) of Ittikkal Agaram Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.M. Karthikeyan - for Environmental Clearance. (SIA/TN/MIN/432278/2023)	10112	<p>The authority noted that this proposal was placed for appraisal in 401st meeting of SEAC held on 16.08.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 16.08.2023.</p>
20.	Proposed Earth quarry lease over an extent of 1.20.0Ha at SF.No. 263/1A & 264/1 of Keelaperumpallam Village, Tharangambadi Taluk, Mayiladuthurai District, Tamil Nadu by Tmt. E. Vasantha - for	10118	<p>The authority noted that this proposal was placed for appraisal in 401st meeting of SEAC held on 16.08.2023. SEAC noted that proposed survey numbers included 'Nanjai' land also and the PP should, therefore, get the mining plan revised excluding the wet land and submit the revised plan</p>


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	Environmental Clearance. (SIA/TN/MIN/432468/2023)		after which SEAC will take up the proposal for appraisal. In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 16.08.2023.
21.	Proposed Earth quarry lease over an extent of 0.96.88Ha at SF.No. 28/1 (P), 30/1A (P), 1B(P), 31/1A1, 1A2 & 2A1A2 of Athangikavanur Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu by Thiru. N. Selvam - for Environmental Clearance. (SIA/TN/MIN/432910/2023)	10124	The authority noted that the subject was appraised in the 401 st SEAC meeting held on 16.8.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 11,072m ³ of Earth up to the depth of mining 2m BGL for one year and the annual peak production should not exceed 11,072m ³ of Earth. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes. 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC


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			<p>conditions to ensure that they have all been adhered to and implemented.</p> <p>3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
22.	Proposed Limestone Mine Lease over an extent of 4.67.0 Ha at S.F.NoS.F. Nos. 6/4, 8/3, 8/4A, 8/4B, 8/5A, 8/5B, 8/5C, 8/5E, 8/6A, 8/6B, 8/6C, 8/7 & 8/8	6230	<p>After detailed discussion, the Authority noted as follows.</p> <p>1. In the 333rd SEAC meeting held on 01.12.2022, the Committee decided to recommend the project proposal to SEIAA</p>


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	<p>Karuppursenapathy Village, Ariyalur Taluk & District, Tamil Nadu by Thiru. S.Saravanan – For Environmental Clearance under violation.</p>		<p>for grant of Environmental Clearance under violation category subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:</p> <ol style="list-style-type: none"> i. The amount prescribed for Ecological remediation (Rs.3.00 Lakhs), natural resource augmentation (Rs.2.40 lakhs) & community resource augmentation (Rs.2.40 Lakhs), totaling Rs. 7.80 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 7.80 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report. ii. The amount committed by the Project proponent for CER (Rs. 5.00 Lakhs) shall be remitted in the form of DD to the beneficiaries (Rs. 2.50 lakhs each to the school) for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN. iii. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of
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Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.

- iv. The company shall obtain 'No Dues Certificate' from State Government i.e. Department of Geology & Mining within a period of two weeks if it is not already obtained and submit the same to SEAC before grant of EC.
2. The proposal was placed in the 578th Authority meeting held on 17.12.2022. After detailed discussion, the Authority unanimously accepts the recommendation of SEAC and decided to request the Member Secretary, SEIAA to obtain the above details from the proponent as recommended by SEAC and place the proposal in the ensuing Authority meeting for further course of action.
3. The proponent vide his letter 01.09.2023 has furnished the copy of Bank Guarantee submitted to TNPCB & copy of acknowledgement obtained from TNPCB for the submission of BG (BG NO. TZ2IBGP232420001, dated: 30.08.2023) and also affidavit towards commitments of CER to be carried out as recommended by SEAC.
4. The proponent has furnished the copy of acknowledgement obtained from Head Master, Government Higher Secondary School, Maramadakki towards CER


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activity over the cheque of Rs. 2,50,000/- (Rs. Two lakhs fifty thousand only).

The proponent has furnished the copy of acknowledgement obtained from Head Master, Government Higher Secondary School, Poovaimanagar towards CER activity over the cheque of Rs. 2,50,000/- (Rs. Two lakhs fifty thousand only).


5. The proponent has submitted the details of court case filed by TNPCB in the Chief Judicial Magistrate Court, Ariyalur vide case Number: CC/0000176/2023, dated 10.08.2023, (CNR Number: TNAL040062522023) against the proponent.
6. The proponent has furnished the copy of 'No Dues Certificate' obtained from the District Collector, Ariyalur.

In view of the above, the Authority accepted the recommendation of SEAC and decided to grant Environmental Clearance under violation category for the period from 2023-2024 to 2025-2026 (since two years of mine plan were lapsed) for the quantity of **66,789 Tonnes of Limestone ROM up to the depth of 18m below ground level and the annual peak production should not exceed 41,163 Tonnes of Limestone ROM.** This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O.


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1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.

2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of six months. If not, the bank guarantee will be forfeited to TNPCB without further notice.
6. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
7. 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>8. The project proponent shall utilize rejects, OB, top soil for final mine closure plan.</p>
23.	<p>Existing Karumapurathanur Limestone Mine (G.O.101) with an extent of 38.73 Ha, production capacity of 0.20 MTPA at S.F.No. 112/2A(P), 138(P), 205(P), 208/2, 209/1, 209/2, 210/2, 210/3, 210/4, 211/1, 211/2, 211/3, 211/4, 213/1, 213/2, 213/3, 214/1, 214/2, 214/3, 225/2, 227/2, 234(P), 236, 241/1, 241/2, 241/3 & 242/3, Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s. The India Cements Limited – for Environmental Clearance under violation</p>	6734	<p>After detailed discussion, the Authority noted as follows.</p> <ol style="list-style-type: none"> 1. In the 387th SEAC meeting held on 28.06.2023, the Committee decided to recommend the project proposal to SEIAA for grant of Environmental Clearance under violation category subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC: <ol style="list-style-type: none"> i. The amount prescribed for Ecological remediation (Rs. 20 Lakhs), natural resource augmentation (Rs. 12 lakhs) & community resource augmentation (Rs. 14 Lakhs), totaling Rs. 46 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 46 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan. Natural resource augmentation plan &


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			<p>Community resource augmentation plan as indicated in the EIA/EMP report.</p> <p>ii. The amount committed by the Project proponent for CER activities for the violation period (Rs. 10.00 lakhs) shall be remitted in the form of DD to the beneficiary for the activities as committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN before grant of the EC.</p> <p>iii. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p> <p>2. The proposal was placed in the 637th Authority meeting held on 11.07.2023. After detailed discussion, the Authority unanimously accepts the recommendation of SEAC and decided to request the Member Secretary, SEIAA to obtain the above details from the proponent as recommended by SEAC and place the proposal in the ensuing Authority meeting for further course of action.</p> <p>3. The proponent vide his letter 01.09.2023 has furnished the copy of Bank Guarantee submitted to TNPCB & copy of</p>
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		<p>acknowledgement obtained from TNPCB for the submission of BG (BG NO. 230380IBGP00316, dated: 10.08.2023) and also affidavit towards commitments of CER to be carried out as recommended by SEAC.</p> <p>4. The proponent has furnished the copy of acknowledgement obtained from Head Mistress, Panchayat Union Primary School, Chinnagoundanur towards CER activity over the cheque of Rs. 1,50,000/- (Rs. One lakh fifty thousand only).</p> <p>The proponent has furnished the copy of acknowledgement obtained from Head Mistress, Government High School, Chinnagoundanur towards CER activity over the cheque of Rs. 2,00,000/- (Rs. Two lakhs only).</p> <p>The proponent has furnished the copy of acknowledgement obtained from Head Mistress, Panchayat Union Middle School, Mothaiyanur towards CER activity over the cheque of Rs. 2,50,000/- (Rs. Two lakhs fifty thousand only).</p> <p>The proponent has furnished the copy of acknowledgement obtained from Head Mistress, Panchayat Union Primary School, A. Nallampalayam towards CER activity over the cheque of Rs. 1,50,000/- (Rs. One lakh fifty thousand only).</p> <p>The proponent has furnished the copy of acknowledgement obtained from Head Mistress, Panchayat Union Primary School, Kolinchipalayam towards CER activity over</p>
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		<p>the cheque of Rs. 2,00,000/- (Rs. Two lakhs only).</p> <p>The proponent has furnished the copy of receipt of Rs.0.66 lakhs in regard to Hearing Aids provided to local villagers.</p> <p>5. The proponent has submitted the details of court case filed by TNPCB in the Judicial Magistrate No.1 Court, Sankari vide case Number: CC 295/2023, dated 27.07.2023, (CNR Number: TNSA090012662023) against the proponent.</p> <p>In view of the above, the Authority accepted the recommendation of SEAC and decided to grant Environmental Clearance under violation category for the period from 2023-2024 to 2025-2026 (since two years of mine plan were lapsed) for the quantity of 11,30,874 Tonnes of Limestone ROM which includes 4,52,350 Tonnes of Ore and 6,78,524 Tonnes of Interstitial Reject up to the depth of 100m below ground level and the annual peak production should not exceed 4,99,500 Tonnes of Limestone ROM. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on
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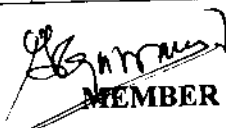

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completion of every mine plan period, till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.

3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
6. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
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


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			<p>should be brought to the notice of concerned authorities during inspections.</p> <p>8. The project proponent shall utilize rejects, OB / SB / IB, top soil for final mine closure plan.</p>
24.	<p>Proposed construction of office building at Block No. 7, T.S No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District, Tamil Nadu by M/s. Baashyaam Infrastructure Private Limited – For Environmental Clearance. (SIA/TN/INFRA2/434428/2023)</p>	10014	<p>SEAC, in its 398th meeting held on 04.08.2023, has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. Earlier, it was placed in 649th SEIAA meeting held on 23.08.2023. After detailed discussion, SEIAA decided to obtain the following additional details from the PP.</p> <ol style="list-style-type: none"> 1. The PP shall furnish the commitment letter obtained from the CMWSSB for the supply of fresh water and for the disposal of excess treated sewage for the proposed construction project. 2. The PP shall furnish the water balance for HVAC application and HVAC details with capacity proposed for the said construction project. 3. The PP shall furnish the Traffic congestion study & Traffic NOC obtained from the competent authority. 4. The PP shall furnish the details regarding the implementation of Environment Management Cell for the proposed construction project. 5. The company shall have a well laid down environmental policy duly approved by the Board of Directors. 6. The PP shall furnish the Disaster Management Plan.


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		<p>7. The PP shall furnish NOC obtained from the PWD in regard to River Adyar inundation point considering 2015 flood level since the proposed construction site is located at 100m.</p> <p>On the receipt of the reply received from the proponent, it was again placed in the 650th SEIAA meeting held on 28.08.2023. After detailed discussion, SEIAA decided to obtain the following additional details from the PP.</p> <ol style="list-style-type: none"> 1. The Proponent shall furnish affidavit before obtaining EC for the following: <ol style="list-style-type: none"> i) The PP shall remit payment of Rs.3,76,35,000/- for water supply and sewer connection for the Proposed construction of office building at Block No. 7, T.S No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District, Tamil Nadu as mentioned in the CMDA letter dated 29.03.2023. ii) The PP shall remit the capital amount for establishment of water supply and sewerage connection system to CMWSSB before obtaining planning permit from CMDA. iii) The PP shall submit the copy of payment receipt to CMWSSB and commitment letter obtained from CMWSSB for the supply of fresh water before obtaining CTE from TNPCB.
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Based on the proponent's reply along with affidavit furnished by the PP on 31.08.2023, this subject was again placed in the 652nd Authority meeting held on .09.2023. 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. Before obtaining CTE from TNPCB, the PP shall furnish NOC obtained from the PWD in regard to River Adyar inundation point considering 2015 flood level since the proposed construction site is located at 100m.
2. The PP shall implement Environment Management Cell for the proposed construction project.
3. The company shall implement well laid down environmental policy duly approved by the Board of Directors.
4. The PP shall implement the Disaster Management Plan.
5. The PP shall remit payment of Rs.3,76,35,000/- for water supply and sewer connection for the Proposed construction of office building at Block No. 7, T.S No. 2/1, 2/2, 2/3 of Adyar Village, Guindy Taluk, Chennai District, Tamil Nadu as mentioned in the CMDA letter dated 29.03.2023.
6. The PP shall remit the capital amount for establishment of water supply and sewerage connection system to CMWSSB before obtaining planning permit from CMDA.


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			7. The PP shall submit the copy of payment receipt to CMWSSB and commitment letter obtained from CMWSSB for the supply of fresh water before obtaining CTE from TNPCB.
25.	Proposed Construction of Residential Building Complex at T.S. No. 9/20A, 9/20B, 10/5, 10/6, 10/7-1, 10/7-2, 10/7-3, 11/4, 11/5, 11/6, 11/7A, 11/7B, 11/8, 11/10, 11/11, 12/9, 12/11, 12/12, 12/14, 13/1, 13/2A, 13/3A, 13/4A1, 13/4B1, 13/4C1, 13/5A, 15/1B, 15/2A, 15/2B1, 15/4A, 15/4C, 15/5 and 16/1 of Block No.25 Ward C, Zamin Pallavaram and T.S.No..4/1, 4/3, 5/1, 5/2, 5/3, 5/4A1, 5/4A2, 5/4B, 5/5/2, 5/6, 5/7, 5/8, 5/9, 5/10/2, 6/1, 6/2, 6/3, 6/4/1, 6/11A1, & 6/12 of Block No. 19 Ward G, Nemilichery Village of Pallavaram Town, Pallavaram Taluk, Chengalpattu District, Tamilnadu by M/s. Prestige Pallavaram Ventures – For Environmental clearance.	6676	<p>Earlier, the subject was placed in the 640th authority meeting held on 19.07.2023. The authority noted that the subject was appraised in the 390th SEAC meeting held on 07.07.2023. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority, after detailed discussions, decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <ul style="list-style-type: none"> i) The proponent shall furnish a duly signed commitment letter from the ULB/Metro Water towards supply of water and disposal of sewage water as indicated in the additional condition no.1 of SEAC minutes. ii) The proponent shall furnish details on the NBC (National Building Code of India) norms adopted, if any, with respect to the following: <ul style="list-style-type: none"> a) Kitchen b) Bathrooms c) Basements d) Garages e) Stairways f) open ways


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			<p>g) fire safety & safety against fire escape routes</p> <p>h) electric lines</p> <p>i) roof top safety</p> <p>j) car parking</p> <p>k) visibility in exit areas</p> <p>iii) The proponent shall furnish details on the no. of fire alarms provided and the automatic fire detection standards followed.</p> <p>The proponent, vide letter dated.29.08.2023 furnished a reply for the above queries/details requested in the 640th authority meeting.</p> <p>The Authority after examining the reply/details furnished by the proponent and also taking into account the recommendations of SEAC, decided to grant Environmental Clearance subject to the conditions as recommended by SEAC & normal conditions and the conditions in Annexure 'C' of this minutes.</p>
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Annexure 'A'

a) EC Compliance

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


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4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

b) Applicable Regulatory Frameworks

5. The project proponent shall strictly adhere to the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006, Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002, Biological diversity Rules, 2004 & TN Forest Act, 1882 and Rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter

c) Safe mining Practices

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

d) Water Environment – Protection and mitigation measures

9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in


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any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.

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

e) Air Environment – Protection and mitigation measures

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

f) Soil Environment – Protection and mitigation measures

20. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.


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

g) Noise Environment – Protection and mitigation measures

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

h) Biodiversity - Protection and mitigation measures

31. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no


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impact on the land, water, soil and biological environment and other natural resources due to the mining activities.

32. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.

33. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.

34. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.

35. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

i) Climate Change

36. The project activity should not in any way impact the climate and lead to a rise in temperature.

37. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.

38. Intensive mining activity should not add to temperature rise and global warming.

39. Operations should not result in GHG releases and extra power consumption leading to Climate Change.

40. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.

41. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.

42. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.


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43. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

j) Reserve Forests & Protected Areas

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

45. The project activities should not result in forest fires, encroachments or create forest fragmentation and disruption of forest corridors.

46. There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.

47. The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.

48. The project activities should not alter the geodiversity and geological heritage of the area.

49. The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora.

50. The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.

51. The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds.

52. The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.

k) Green Belt Development

53. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) are planted.

54. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).

l) Workers and their protection

55. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

56. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.


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57. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

m) Transportation

58. No Transportation of the minerals shall be allowed in case of roads passing through villages/habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

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

n) Storage of wastes

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

o) CER/EMP

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

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


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

p) Directions for Reclamation of mine sites

64. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.

65. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.

66. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.

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

68. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.

69. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.

70. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.


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

Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).


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

Health

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

Energy

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

Regulatory Frameworks

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