

MINUTES

579th MEETING

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

Date: 19.12.2022 & 20.12.2022

MINUTES OF THE 579th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD ON 19.12.2022 & 20.12.2022.

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 578 th meeting of the Authority held on 17.12.2022.		The minutes of the 578 th meeting of the Authority held on 17.12.2022 was confirmed.
b)	The Action taken on the decisions of the 578 th meeting of the Authority held on 17.12.2022.		The Member Secretary informed that 578 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	<p>File No: 3000</p> <p>Existing Limestone quarry lease over an extent of 26.14.5 Ha at S.F.Nos. 1,3,4 (P)& 137, 141, 143-146, 153, 154 of Karuppur Senapathy & Kilapaluvur Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu by M/s Chettinad Cement Corporation Ltd – For Extension of validity of Environmental Clearance.</p> <p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022.</p> <p>Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Extension of validity of Environmental Clearance.</p> <p>Authority after detailed deliberation, decided to call for additional details</p> <p>1. Upon scrutinizing the review of mining plan approved by IBM, it is ascertained that</p> <p>i. In page number 10, under section 3.0 Details of approved mining Plan / Modified Mine Plan (if any)</p> <p>ii. Mining plan has been modified by IBM vide Lr.No. TN/ALR/LST/MMP/2058.MDS Dated: 27.08.2019 under rule 17(3) of MCR 2016.</p> <p>iii. Further, in page No. 12, Table No.3.3 Production Proposed Vs Achieved</p>		


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Table No.3.3 Production Proposed Vs Achieved

Year	Proposal			Achieved		
	Limestone (Tones)	Marl (Tones)	Total (Tones)	Limestone (Tones)	Marl (Tones)	Total (Tones)
2016 - 17	Nil	Nil	Nil	Nil	Nil	Nil
2017 - 18	657112	101405	758517	Nil	Nil	Nil
2018 - 19	610437	52002	662439	Nil	Nil	Nil
2019 -20	657112	101405	758517	546157	50000	596157
22020 -21 (Up to July20)	655888	52002	707800	215412	0	215412
Total	2580549	306814	2887273	761569	50000	811569

- iv. But, in the Final EIA report submitted by the proponent for the earlier approval of EC (Dated: 27.04.2016)

Table : 2.4 Yearwise Production-Plan Period

Year	Pr No.	Bench (RL) m	Top Soil/ OB. Tons	Rejects Tons	Total Wastes Tons	Limestone Tons	Marl Tons	Total Production Tons	Ore-OB Ratio
I	1	77-58	Nil	Nil	Nil	Nil	Nil	Nil	
II	2	77-58	0	164278	164278	657112	101405	758517	1 0.22
III	3	72-58	215503	152809	368312	610437	52002	662439	1 0.56
IV	4	68-58	198314	148355	346669	593420	10502	603922	1 0.55
V	4	68-58	0	78746	78746	314965	102101	417066	1 0.19
Total			401817	543968	945805	2175954	266810	2441964	1:0.39

- v. The Proposed production in the 4th year was 6,03,922 Tons but in the approved review of mining 2021-22 to 2025-26 the proposed production in the 4th year is mentioned as 7,58,517 Tons.
- vi. Similarly, there has been a modification carried out in the production quantity for the 5th year. As in the earlier EIA report, production quantity mentioned was 4,17,086 Tons but in the approved review of mining it is mentioned as 7,07,800 Tons.

In the view of the above, the PP may be requested to clarify

1. what type of modification was made in the earlier approved mine plan dated 08.07.2013.
2. Further, in the earlier EC issued, Pg. No. E - 7 conditions for Pre - Construction Phase

"In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained. No change in mining technology and scope of working should be made without prior approval of the State


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Environmental Impact Assessment Authority. No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made”

Hence, whether the modification carried out in the mine plan was communicated to the State Level Environment Impact Assessment Authority – TN and also whether approval was accorded by SEIAA-TN shall also be clarified.

2. As per the covering letter submitted by the PP

this mine is upto 09.01.2067. (Enclosure-10). The review of mining plan for the period 2021-22 to 2025-26 is prepared and approved by IBM vide letter no No.TN/DGL/LST/ROMP-1617.MDS dated 10.12.2020 (Enclosure – 11). Salient details of the approved mining plan is as follows:

Total available proved mineral reserve as on 01.08.2020	1.355 Mil.T of Limestone 0.710 Mil.T of Marl
Proposed production during plan period (2021-22 to 2025-26)	1.236 Mil.T of Limestone 0.358 Mil.T of Marl
Balance Reserves available after ROM period	0.119 Mil.T of Limestone 0.352 Mil.T of Marl
Proposed Production per year	0.050 Mil.T of Limestone 0.150 Mil.T of Marl
Conceptual period (2026-27 to 2028-29)	3 Years

Permit issued details for the Period 2019-2020, 2020-2021 & 2021-2022 is tabulated below,

S.No	Financial Year	Permit issued Quantity (MT)
1	2019-20	596157.06
2	2020-21	680741.96
3	2021-22	581137.99
Total		1858037.01

Hence, the proponent is requested to submit the details of quantity of mineral which is left out as on date.


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	<p>3. The proponent has submitted the year wise production of mineral quantity approved by the IBM in Cu m. Hence, the proponent is requested to submit the year wise production of mineral quantity for the year 2021-22 to 2025-26 in Tonnes.</p> <p>On receipt of above details, further deliberation shall be done.</p> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>		
2.	Extension of Environmental Clearance issued for the Rough stone quarry over an extent of 1.29.5Ha at SF.No. 1(P), bit-7 Kondamanaickenpatti Village, Namakkal Taluk, Namakkal District, Tamil Nadu by Thiru P Palanisamy – Extension of Environmental Clearance.	3864	The Authority after detailed discussion and decided to get the proper explanation from the PP for not attending the meeting on the receipt of the same it may be referred back to SEAC for further recommendations.
3.	<p>File No: 6742</p> <p>Amendment of Environmental Clearance for the proposed Black Granite Quarry over an extent of 30.10.5 Ha at SF.No.1, Sudanur village, Palacode Taluk, Dharmapuri District, Tamil Nadu by M/s. TamilNadu Minerals Limited– Environmental Clearance.</p> <p>The authority noted that</p> <p>i) The project proponent M/s. Tamil Nadu Minerals Limited has obtained Environmental Clearance vide Lr. No. SEIAA-TN/F.No.6742/EC/1(a)/5012/2020, dt: 09.03.2022 for the proposed Black Granite Quarry over an extent of 30.10.5 Ha at SF.No.1, Sudanur village, Palacode Taluk, Dharmapuri District for the production of 79,004m³ of ROM Black Granite per Annum and 3,950m³ of recoverable production (5%) of granite for a period of 5 years and ultimate depth is 30m.</p> <p>ii) Now, the project proponent (PP) M/s. TamilNadu Minerals Limited has applied for amendment of Environmental Clearance vide Online proposal No. SIA/TN/MIN/283002/2022 dated:12.07.2022 and requested for the amendment of Environmental Clearance for the following vide covering lr. Dt:13.07.2022 for the reasons stated therein.</p>		


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Production Quantity as per EC	Amendment
RoM: 79,004m ³ per Annum	RoM: 79,004m ³ per Annum
Black Granite: 3950m ³ per Annum (5% of recovery)	Black Granite: 15800 m ³ per Annum (20% of recovery).
EC period: 5 Years.	EC period: 30 Years (or) life of mine whichever is earlier.

In this connection, the proposal was appraised in the 334th SEAC meeting held on 02.12.2022 and the SEAC has decided to recommend the proposal for the grant of amendment of Environmental Clearance for the validity period of 30 Years (or) life of mine whichever is earlier and the production quantity of RoM is 79,004m³ per Annum & 15800 m³ of Black Granite per Annum (20% of recovery) subject to all the conditions stipulated vide EC Lr. No. SEIAA-TN/F.No.6742/EC/1(a)/5012/2020, dt: 09.03.2022.

The Authority during discussions, noted the following:

- i) Earlier EC was accorded to M/s TAMIN vide Lr. No. SEIAA-TN/F.No.6742/EC/1(a)/5012/2020, dt: 09.03.2022 for the production of 79,004m³ of ROM Black Granite per Annum and 3,950m³ per Annum of Black Granite (5% Recovery). Now, the PP had submitted a proposal seeking amendment in earlier issued EC for an increase in the recovery rate from 5% to 20%. Subsequently, the production quantity has increased from 3590 m³ to 15800 m³.
- ii) Further, as per the letter issued by Commissioner, Dept. of Geology & Mining, Chennai dated.31.10.2022, the proponent has obtained permit for quantity of 703.514cu.m from April 2022 to August 2022 which amounts to production capacity only.
- iii) Further, in the EIA/EMP report submitted earlier, the measures proposed to mitigate the pollution load that would arise due to the transportation of material might be anticipated for 10% of the RoM only. But as per the current proposal, there would be increase in the number of transport loads as the recovery increased to 20%. Subsequently, pollution load may also increase.
- iv) As per the MoEF&CC O.M dated 11.04.2022, Under para 4, point (v) and (vii)


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states as follows:

".... Predicted environmental quality parameters arising out of proposed expansion /modernisation shall be within the prescribed norms and the same shall be maintained as per prescribed norms..."

".....The project proponent should have satisfactorily complied the conditions stipulated in the existing EC(s) and satisfactorily fulfilled all the commitments made during the earlier public hearing/ consultation proceedings and also the commitments given while granting previous expansion, as may be applicable. This shall be duly recorded in the certified compliance report issued by the IRO / CPCB/ SPCB, which should not be more than one year old at the time of submission of application...."

In the view of the above, the current proposal may fall under modernization/expansion due to the change in the mining plan of the earlier accorded EC and further predicted environmental quality parameters are anticipated to change due to the proposed increase in the rate of recovery from 5% to 20%.

v) Further, As per the MoEF&CC O.M dated 11.04.2022, Under para 5,

Scenario	Intended change through modernisation/ change of product mix/ expansion	Requirement of revised EIA/ EMP report	Requirement of Certified Compliance Report	Requirement of fresh Public Consultation	Whether reference to Appraisal Committee is required
I	Projects which involve modernisation/change of product mix without increase in production capacity but with increase in pollution load.	Yes	Yes	No	Yes
II	Up to 20 percent based on environmental safeguards conditions.	Yes	Yes	No	Yes
III	Up to 40 percent based on successful compliance of previous environmental safeguard conditions related to expansion of 20 percent.	Yes	Yes	No	Yes
IV	More than 40 percent but less than 50 percent based on successful compliance of previous environmental safeguard conditions related to expansion of 40 percent.	Yes	Yes	Yes	Yes

As per the above OM, it is ascertained that, though there is no change in ROM but there will be a significant increase in the pollution load due to the increased truck loads. Hence, scenario I may be applicable to the current proposal. Hence, the proponent may have to produce a revised EIA report and a Certified Compliance Report for the EC issued dated 09.03.2022.


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	<p>vi) Also under para 2 (a),</p> <p><i>“Projects seeking prior EC for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance was granted [with increase in lease area or production capacity in mining projects] shall be considered by the concerned Expert Appraisal Committee [or SEAC, as the case may be] to decide whether Environment Impact Assessment and public consultations need to be carried out for grant of EC..”</i></p> <p>In view of the above, SEIAA decided to refer back the proposal to SEAC for remarks on the above-mentioned points.</p>		
<p>4.</p>	<p>Proposed Rough Stone, jelly and gravel quarry lease area over an extent of 3.92.70Ha at S.F.No 192(p) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District by Thiru. C.Sugu - For Environmental Clearance.</p>	<p>6975</p>	<p>The Authority noted that, the subject was placed in the 334th meeting of SEAC held on 02.12.2022. SEAC noted that the proposal falls under violation category and the application is outside violation window period.</p> <p>After detailed discussions, the SEAC decided to take up the subject for further deliberations subject to the outcome of the court case filed before the Hon'ble High Court of Madras (Madurai Bench) vide <i>W.P.(MD) No. 11757 of 2021 titled Fatima Vs Union of India challenging the SoP for violation proposals dated 07th July 2021</i> and in the meanwhile, to call for the following additional particulars from the Proponent.</p> <ol style="list-style-type: none"> 1. Supplementary EIA Report & EMP for stipulating appropriate (i) Damage assessment (II) Remedial Plan and (iii) Community Augmentation Plan. 2. Project Proponent shall remit the


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			<p>penalty imposed by the Department of Geology & Mining and furnish the NoC/Past Production details for the quarry operated.</p> <p>3. The original approval letter obtained from the competent authority for the Modified Mining Plan submitted for the proposed quarry.</p> <p>The Authority, after detailed deliberations, decided to request the Member Secretary, SEIAA TN to communicate the SEAC minutes to the Proponent.</p>
5.	Proposed Rough Stone quarry Lease over an extent of 1.00.0 Ha at S.F.No. 135 (Part-2) in Iynkunam Village, Kilpennathur Taluk, Tiruvannamalai District, Tamilnadu by Tvl.City Blue Metal- For Environmental Clearance.	7908	<p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein</p> <p>After detailed discussions, the Authority taking into account the safety aspects, to ensure sustainable, scientific and systematic mining and with reference to specific condition (I) of SEAC, decided to grant Environmental Clearance for the quantity of 2,83,400m³ of rough stone by restricting the depth of mining to 56m (46m above ground level + 10m below ground level) for a period of 5 years as per the mine plan approved by the Department of Geology & Mining subject to the standard conditions as per Annexure - (I) of SEAC</p>


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			<p>minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</p>
6.	Proposed Earth Quarry lease over an extent of 2.46.5Ha at SF.No. 52/1(P), 52/2(P), 52/6(P), 53/4A(P), 53/4B(P), 53/12(P), 53/13(P), 53/14(P), 53/16(P), 53/17(P), 53/18(P), 54/21(P) & 55/9(P) of Mandaikadu Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu by Thiru.S.Britto Santhakumar - for Environmental Clearance.	8289	<p>The authority noted that this proposal was placed for appraisal in this 334th meeting of SEAC held on 02.12.2022 and the SEAC after detailed discussions decided not to recommend this project proposal considering that the site is located in an ecologically rich area with rich vegetation and depletion of fertile topsoil will lead to environmental degradation to flora and fauna in and around the area.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 02.12.2022.</p>
7.	Proposed Brick Earth quarry lease over an extent of 1.22.4 Ha at S.F.No. 86, 87/1B & 87/2B of Athangikavanur Village, Uthukkottai Taluk, Thiruvallur	8676	<p>The Authority noted that, the proposal was placed in this 334th meeting of SEAC held on 02.12.2022. The SEAC noted that the nature of land is classified as "Nanjai land" which means it shall be utilized for the</p>


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	District, Tamil Nadu by Thiru.P.Jayakumar- for Environmental Clearance.		agriculture activities only and industrial activities are not permitted. Mining earth up to a depth of 2m will erode the precious top soil and will be detrimental to the proposed site as well as to the nearby agricultural lands. The Committee, therefore, decided to withdraw the recommendations already made in the in the 288 th and 316 th meeting and to not recommend project proposal for environmental clearance. The Authority, after detailed deliberations, decided to request the Member Secretary, SEIAA TN the communicate the SEAC minutes to the Proponent.
8.	proposed of Rough stone & Gravel Quarry lease over an extent of 2.50.0Ha in S.F.Nos. 180/4, 180/5, 180/8, 180/9, 180/10 & 180/11 of Periyavenmani Village, Maduranthagam Taluk, Kanchipuram District, Tamil Nadu by Thiru.S.Raju - for Environmental Clearance.	8686	The authority noted that this proposal was placed for appraisal in 334 th meeting of SEAC held on 02.12.2022 and, “The SEAC noted that the EIA Coordinator was not available, hence the committee decided to defer the proposal”. 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 02.12.2022.
9.	Proposed Rough Stone quarry lease over an extent of 0.67.50 Ha at S.F.No.301/1A, 301/1B and 301/1C of Ariyur Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru.P.Boopalan for Environmental Clearance.	8689	SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussion, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan approved by the Department of Geology & Mining subject to


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			<p>the conditions as recommended by SEAC in addition to the following conditions & conditions stated vide Annexure A.</p> <ol style="list-style-type: none"> 1. Restricting the ultimate depth of mining up to 26m BGL and quantity of 47,035 cu.m of Rough Stone are permitted for mining over a period of 5 years considering the environmental impacts due to the mining, safety precautionary measures of the working personnel and following the principle of the sustainable mining. 2. As per the MoEF & CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the Government Higher Secondary School, Pennathur village as committed, before obtaining CTO from TNPCB.
10.	<p>Proposed Rough Stone quarry Lease over an extent of 2.22.1 Ha at S.F.No. 1061/4B(P), 1062/1A(P), 1B(P) & 2B(P) in Thiyanadurgam Village, Shoolagiri Taluk, Krishnagiri District, Tamilnadu by Thiru.V.Jayaprakash- For Environmental Clearance.</p>	8790	<p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022. During the meeting, the proponent was not present for the meeting, and hence SEAC after discussions decided to defer the proposal.</p> <p>In view of this, the Authority decided to request the Member Secretary, SEIAA to communicate the minutes of 334th SEAC meeting to the project proponent.</p>


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11.	Proposed Rough Stone and gravel quarry Lease over an extent of 1.20.0 Ha at S.F.No. 151/2A3 in Bogampatti Village, Suler Taluk, Coimbatore District, Tamilnadu by Thiru.A.Velusamy- For Environmental Clearance.	8839	<p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority decided to accept the recommendations of SEAC and with reference to specific condition (I) of SEAC, decided to grant Environmental Clearance for the quantity of 16,795m³ of Rough Stone with restricted depth upto 27 metres below ground level as per the revised mine plan approved by the Department of Geology & Mining for a period of 5 years subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</p>
12.	Proposed rough stone and gravel quarry lease area over an extent of	8855	SEAC has furnished its recommendations to the Authority for granting Environmental


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	2.12.5 Ha at S.F.No.532/2C, 533/1, 533/2, 533/3, 533, Gopalapuram Village, Vembakottai Taluk Virudhunagar District, Tamil Nadu by Thiru.A.Seethakumar- For Environmental Clearance.		Clearance to the Project subject to the conditions stated therein. After detailed discussion, SEIAA decided to grant Environmental Clearance for the production of 70325m ³ of Rough Stone & 45675 m ³ of Grave with an ultimate depth of 15.6m BGL for the period of 5 years subject to the conditions as recommended by SEAC in addition to the conditions stated vide Annexure A.
13.	Proposed Rough stone & gravel quarry lease over an extent of 4.85.0Ha at S.F.No.557/1, 558/1, 558/2, 559, 574 & 557/2, Gopalapuram Village, Vembakkottai Taluk, Viruthunagar District, Tamil Nadu by Thiru.V.Rajmohan –For Environmental Clearance.	8953	SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussion, SEIAA decided to grant Environmental Clearance for the production of 307005m ³ of Rough Stone & 105992 m ³ of Grave with an ultimate depth of 29m BGL for the period of 5 years subject to the conditions as recommended by SEAC in addition to the conditions stated vide Annexure A.
14.	Proposed Rough Stone and Gravel quarry lease over an extent of 1.08.0 Ha in S.F.Nos. 40/6D, 42/1A, 42/7A, 42/8A1, 42/8B, 42/7B and 42/8A2, 40/5C, 40/6B & 42/1B of Sembattur Village, Pudukkotti Taluk, Pudukkottai District, Tamil Nadu by Thiru M.	8919	The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the ultimate depth of mining upto 14m BGL & the total production quantity of 6868 cu.m. of Rough Stone and the annual peak production shall not exceed 1436 cu.m. of Rough Stone as per approved modified mining plan issued by


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	<p>Bharathi for Environmental Clearance.</p>	<p>the Department of Geology & Mining subject to the standard conditions as per Annexure - (I) & all other specific conditions as recommended by SEAC & other normal conditions stipulated by MOEF&CC in addition to the following conditions & Conditions stated vide Annexure 'A'.</p> <ol style="list-style-type: none"> 1. The project proponent shall store/dump the and 2774 cu.m. of Top soil/Weathered Rock generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mining plan. 2. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 3 Lakhs and the amount shall be spent for the committed activities before SEAC such as 1. Developing Sanitation & Library facilities., 2. Tree Plantation in & Around the School., & 3.Environmental Awareness Sign Boards to the Government High School, Sembattur Village before obtaining CTO from TNPCB. 3. The project proponent shall obtain prior permission from Regional Inspector of Directorate General of
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			<i>Mines Safety, Chennai</i> before obtaining CTO from TNPCB.
15.	Proposed Rough Stone Quarry over an area of 1.00.0 Ha at Survey Nos. 249/1 in Veppilai Village, Kadaiyampatti Taluk, Salem District, Tamil Nadu by Thiru.R.Munirathinam for Environmental Clearance.	9053	<p>The authority noted that this proposal was placed for appraisal in this 334th meeting of SEAC held on 02.12.2022 and during the meeting the Committee noted that the project proponent is absent during the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 02.12.2022.</p>
16.	Proposed Rough Stone and gravel quarry Lease over an extent of 2.53.50 Ha at S.F.No. 351/1 & 351/2 in Athur Village, Arakkonam Taluk, Ranipet District, Tamilnadu by Thiru.R.B.Raja- For Environmental Clearance.	9224	<p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent:</p> <ol style="list-style-type: none"> i) The proponent shall furnish replies for the queries raised in 545th authority meeting held on 26.08.2022. ii) The PP shall explain the variance found in the quantities of 'weathered rock' & 'rough stone'. iii) The proponent shall furnish a revised mine plan approval letter obtained from Director/ Asst. Director, Department of Geology. <p>In view of this, the Authority decided to request the Member Secretary, SEIAA to</p>


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			communicate the minutes of 334 th SEAC meeting to the project proponent.
17.	Proposed Rough Stone quarry Lease over an extent of 1.00.0 Ha at S.F.No. 139/1 (Part) in Esanai Village, Perambalur Taluk, Perambalur District, Tamilnadu by Thiru.P.Kalaiselvan- For Environmental Clearance.	9301	<p>The authority noted that the subject was appraised in 334th SEAC meeting held on 02.12.2022. During the meeting, the proponent was not present for the meeting, and hence SEAC after discussions decided to defer the proposal.</p> <p>In view of this, the Authority decided to request the Member Secretary, SEIAA to communicate the minutes of 334th SEAC meeting to the project proponent.</p>
18.	Proposed Construction of Residential Buildings in the name "RWD -One North" at S.F.No. 14/1A1A1 & 12/2b of Kathirvedu Village, Sembium-Redhills High Road, Madhavaram Taluk, Kolathur, Chennai District, Tamil Nadu by M/s. Ramky Wavoo Developers Pvt Ltd - For Environmental Clearance.	9257	<p>The Authority noted that the subject was placed in the 334th meeting of SEAC held on 02.12.2022 and that the SEAC has furnished its recommendations for the grant of Environmental Clearance for the project subject to the conditions stated therein. Hence the Authority, after detailed discussions decided to issue Environmental Clearance for the project subject to the conditions as recommended by the SEAC, subject to specific conditions prescribed by MoEF&CC in addition to the following conditions.</p> <ol style="list-style-type: none"> 1. The Proposed project activity shall not have any adverse effect on the green patch/ agricultural lands located adjacent to the project site. 2. The project proponent shall ensure noise and vibration do not create any disturbance to the occupants and shall


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		<p>develop adequate green belt to act as noise absorber.</p> <ol style="list-style-type: none"> 3. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal. 4. The project proponent shall adhere to provide adequate parking space for all the vehicles of visitors with clean traffic plan as committed and shall ensure no traffic violation in the surrounding areas due to this proposed building. 5. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP. 6. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities. 7. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly. 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 should strictly comply with, Tamil Nadu Government order
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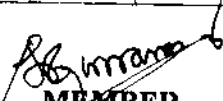

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		<p>regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.</p> <p>10. The proponent shall ensure that provision should be given for proper utilization of recycled water.</p> <p>11. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.</p> <p>12. All the Buildings shall be energy efficient and confirm to the green building norms.</p> <p>13. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.</p> <p>14. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.</p> <p>15. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>16. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.</p> <p>17. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP.</p>
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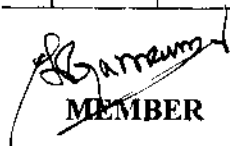

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		<p>Also, the proponent shall explore possibilities to provide sufficient grass lawns.</p> <ol style="list-style-type: none"> 18. The proponent shall provide the emergency exit in the buildings. 19. The proponent shall provide elevator as per rules of CMDA/DTCP. 20. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation. 21. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority. 22. The project proponent shall adhere to storm water management plan as committed. 23. The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB. 24. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities. 25. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
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			<p>26. 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 as amended, E-Waste (Management) Rules, 2016 as amended, 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 as amended. & Batteries (Management and Handling) Rules, 2016 as amended.</p>
19.	Proposed Rough stone, Jelly & Gravel Quarry lease over an extent of 0.79.50Ha in S.F.No. 1134of Ethirkottai Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.I.Krishnasamy- for Environmental Clearance.	9398	SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein. After detailed discussion, SEIAA decided to grant Environmental Clearance for the quantity as per the mine plan for a period of 5 years approved by the Department of Geology & Mining subject to the conditions as recommended by SEAC in addition to the following condition & conditions stated vide Annexure A.


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			<p>1. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs.5 lakhs and the amount shall be spent for the activities detailed in the SEAC minutes before obtaining CTO from TNPCB.</p>
20.	<p>Proposed Expansion of Tagore Medical & Dental College Campus with Hospital by M/s. Tagore Educational Trust at S.No: 83, 84 (P), 87/4, 87/7, 89/1B (P), 92/1, 92/2, 92/3, 92/4, 93/1, 93/2, 93/3A, 93/3B, 93/4, 94/1, 94/4, 94/5, 94/6, 94/7, 95/1A, 95/1B, 95/1C, 95/1D, 95/2, 97/1, 97/2, 97/3, 97/4, 97/5, 97/6, 97/7, 97/8, 97/9, 97/10, 97/11, 97/12A, 97/12B, 97/13, 126/1, 126/2A, 126/2B, 126/2C, 126/2D, 126/3, 126/4B, 126/8, 126/9B, 127/1, 127/2, 127/3, 127/4A, 127/4B, 127/5, 127/6, 127/7, 127/8, 127/9A, 127/9B, 127/10, 127/11, 127/12, 127/13, 127/14, 127/15, 127/16, 128/1, 129/1A, 129/1B, 129/1C, 129/2A, 129/2B, 129/3A, 129/3B, 130/1A, 130/1B, 130/2, 130/3, 130/4, 130/5A, 130/5B, 131/1, 131/2A,</p>	9461	<p>The Authority noted that the Committee, vide minutes of 334th meeting dated held on 02.12.2022 has furnished its recommendation for the grant of Environmental Clearance to the project. After detailed discussions, the Authority decided to call for the following additional particulars:</p> <ol style="list-style-type: none"> 1. In the certified compliance report dated 21.07.2022, it has been reported that Biomedical Waste Storage area need to be improved, i.e shall be stored in a separate covered shed to prevent rain water from mixing with the biomedical wastes. The Project Proponent shall furnish the compliance status of the same along with photographs. 2. Copy of the TNPCB's Gap analysis report pertaining to the Common Bio Medical Waste Treatment Facility where the HCF has proposed to dispose its medical waste generated from the proposed expansion activity.


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	131/2B, 131/3, 131/4, 131/5, 131/6, 132/1, 132/2, 132/3, 132/5, 132/6A, 132/7, 132/8, 132/9, 132/11, 132/12, 132/13A, 132/13B, 132/14, 132/16, 132/17, 132/18, 132/19A, 132/19B, 133/1A, 133/1B, 133/1D1, 133/1D2, 133/2A, 134/1A2A, 134/1A2B, 134/1B, 134/2, 136/1, 136/2, 136/3, 136/4, 136/5 at Rathinamangalam Village of Vandalur Taluk, Chengalpattu District, (Formerly Chengalpattu Taluk, Kanchipuram District) Tamil Nadu -for Environmental Clearance.		
21.	Proposed Rough stone & gravel quarry lease over an extent of 2.48.5Ha at S.F.No.567/2A, 567/2B, & 568/1B of Gopalapuram Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. P.Arumugam - ForEnvironmental Clearance.	8800	The Authority after detailed discussion with reference to specific condition (1) of SEAC, SEIAA decided to grant Environmental Clearance for a period of 5 years confining to the ultimate depth of mining upto 29.5m BGL & the total production quantity of 2,35,300 cu.m of Rough Stone & 52400 Cu.m of Gravel and the annual peak production shall not exceed 60,500 cu.m of Rough Stone, & 27.480 Cu.m of Gravel as per approved mining plan issued by the Department of Geology & Mining subject to the standard conditions as per Annexure - (I) & all other specific conditions as recommended by SEAC & other normal conditions stipulated by MOEF&CC


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			<p>in addition to the following conditions & Conditions stated vide Annexure 'A'.</p> <ol style="list-style-type: none"> 1. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 5.50 Lakhs and the amount shall be spent for the committed activities before SEAC such as 1. Tree plantation (50 Nos.), 2. Water supply for toilet, 3. Provision of treated drinking water facility, 5. Provision of desk, benches, chair, Table, Steel Cupboard, Ceiling fan, Smart Class, for students. 6. Provision of Library rack with books & 7. Tricycles for Physically challenged students to the Government Middle School, Gopalapuram before obtaining CTO from TNPCB. 2. The project proponent shall obtain prior permission from Regional Inspector of <i>Directorate General of Mines Safety, Chennai</i> before obtaining CTO from TNPCB.
22.	Note to consider for the grant of Environmental Clearance for the Proposal seeking Environmental Clearance for the Proposed construction of Hospital building in S.No. 107/1 & 108(Pt) of Kazhipathur Village; S.No. 52(Pt)	9346	<p>The authority after detailed discussions, decided to seek additional particulars as follows</p> <ol style="list-style-type: none"> i) To furnish gap analysis report from TNPCB for the treatment & disposal of BMW waste generated from the proposed HCF activity.


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	& 40/8(Pt) Egattur Village, (Siruseri,SIPCOT), Thiruporur Taluk, Chengalpattu District, Tamilnadu by Ms. Hablis Hospitals.		
23.	Note to consider for the grant of Environmental Clearance for the Proposal seeking Environmental Clearance for the Proposed Construction of Residential Development at S.No.311/1A1 of Sholinganallur Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by Ms. DAC Developers Pvt. Ltd.	9414	After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance for a period of 10 Years subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions 1. The proponent shall submit commitment letter (or) an agreement executed with the competent authority (CMWSSB)/ authorized representative for fresh water supply and disposal / utilization of excess treated sewage for avenue plantation purpose for the corporation parks as committed before obtaining CTO. 2. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time. 3. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.


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		<ol style="list-style-type: none"> 4. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform of the nullah within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities. 5. All the construction of Buildings shall be energy efficient and conform to the green building norms. 6. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed. 7. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time. 8. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP. 9. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities. 10. The project proponent shall adhere to height of the buildings as committed. 11. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly. 12. The activities should in no way cause emission and build-up Green House
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			<p>Gases. All actions to be eco- friendly and support sustainable management of the natural resources within and outside the campus premises.</p> <p>13. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.</p> <p>14. The proponent shall ensure that provision should be given for proper utilization of recycled water.</p> <p>15. The proponent shall ensure that all trees & biodiversity listed in EIA report to be protected within the premises.</p> <p>16. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.</p> <p>17. All the Buildings shall be energy efficient and confirm to the green building norms.</p> <p>18. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.</p> <p>19. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.</p>
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		<p>20. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.</p> <p>21. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.</p> <p>22. The proponent shall provide and ensure the green belt plan is implemented as proposed & indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns and play facilities for children.</p> <p>23. 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.</p>
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			<p>24. The proponent shall provide the emergency exit in the buildings.</p> <p>25. The proponent shall provide elevator as per rules CMDA/DTCP.</p> <p>26. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as ensure continues and efficient operation.</p> <p>27. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.</p> <p>28. The project proponent shall adhere to storm water management plan as committed.</p>
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Annexure-'A'

1. 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.
2. 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.
3. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.


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4. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.
5. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations.
6. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and ground water, nor cause any pollution, to water sources in the area.
7. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.
8. 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.
9. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agro forestry, mixed plants to support biodiversity conservation in the mine restoration effort.
10. 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.
11. 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
12. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.
13. 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.
14. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.
15. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) to be planted.
16. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).
17. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.


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18. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.
19. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
20. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.
21. 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.
22. The project proponent shall store/dump the granite waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.

Directions for Reclamation of mine sites

1. 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.
2. 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.
3. 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.
4. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.


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5. 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.
6. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.
7. 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.
8. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.
9. 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.
10. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
11. 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 reestablishing 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 ecofriendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
12. Efforts should to taken to aesthetically improve the mine site. Generally there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following succession process allowing pioneer species to establish. The other approach i.e


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plantation approach is with selected native species are planted. A blend of both methods may be resorted to restore the site by adding soil humas and mycorrhiza.

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

Annexure-'C'

1. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
2. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
3. The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
4. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
5. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
6. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.
7. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
8. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.
9. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
10. The project proponent shall adhere to height of the buildings as committed.
11. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.
12. 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.


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13. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
14. The proponent shall ensure that provision should be given for proper utilization of recycled water.
15. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.
16. All the Buildings shall be energy efficient and confirm to the green building norms.
17. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
18. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.
19. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.
20. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.
21. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.
22. 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.
23. The proponent shall provide the emergency exit in the buildings.
24. The proponent shall provide elevator as per rules CMDA/DTCP.
25. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.
26. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.
27. The project proponent shall adhere to storm water management plan as committed.


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