

30/11

MINUTES

641st MEETING

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

Date: 27.07.2023 & 28.07.2023

MINUTES OF THE 641st MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD ON 27.07.2023 & 28.07.2023.

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 640 th meeting of the Authority held on 19.07.2023.		The minutes of the 640 th meeting of the Authority held on 19.07.2023 was confirmed.
b)	The Action taken on the decisions of the 640 th meeting of the Authority held on 19.07.2023.		The Member Secretary informed that 640 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Existing Educational Institutional building in S.F. No. 49 to 59, 60/1B, 60/1C, 62/1, 62/2, 62/4A, 63/1, 64/1A, 64/1B, 64/3A, 64/3B, 64/4, 65, 66, 67, 68 to 77, 79 to 82, 83/2, 84/1A, 84/1B, 84/2A, 84/2B, 85, 86/1, 86/2, 87/1, 87/2, 118/1A, 118/1B1, 118/2A, 118/2B, 119, 120, 121/1, 121/2, 121/3, 121/4A, 121/4B, 122/1A, 122/1B, 122/2, 123/1, 123/2, 128/1A1, 128/1A2, 128/2, 128/3, 129/2A, 129/2B, 130/1, 130/2, 131 to 151, 153 to 158, 159/1, 159/2A, 161/1, 161/2, 162, 169/2, 169/3A, 169/3B, 170/1, 197/1A, 198/2B1, 198/3, 198/4A & 198/4B of Kalavakkam Village and Survey Nos. 1034, 1035, 1036, 1037, 1038, 1039, 1040/1B, 1040/2B, 1041, 1046, 1047, 1048, 1226, 1227/2A, 1227/2B, 1228, 1234, 1236, 1238, 1239, 1240,	513	<p>The authority noted that the subject was appraised in the 391st SEAC meeting held on 13.07.2023. SEAC decided that,</p> <ol style="list-style-type: none"> The proponent has applied a separate proposal vide SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) under 8(a) category, whereas the proposal has to be treated as violation and further the total built-up area (Existing + Proposed) is 3,10,612.66Sq.m. which is more than 1,50,000 Sq.m. Hence, the above-mentioned proposal has to be appraised as one single proposal along with the EIA report which must include Chapter 13 for the violation, submitted under violation category as 8(b) "Township and Area Development projects" vide online number SIA/TN/INFRA2/429590/2023 Dated: 18.05.2023 (offline no.513). Earlier the Terms of Reference was issued for a built-up area of 2,72,483.60 Sq.m. as per 592nd


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	<p>1241, 1242, 1243, 1244, 1245, 1246, 1247/1C, 1247/2, 1248/1C, 1248/2, 1395C/1A1, 1395C/2A, 1395C/4B, 1415 of Thaiyur B Village, Tiruporur Taluk, Chengalpattu District, Tamil Nadu by M/s. SSN Trust - For Environmental clearance</p>	<p>SEIAA meeting held on 16.02.2023. However, it was ascertained that the total built-up area (Existing + proposed) is 3,10,612.66 Sq.m. Since, the proposed expansion is within the existing premises, the Terms of Reference issued may be considered to be common for a total built-up area of 3,10,612.66 Sq.m. Baseline parameters taken for the terms of reference already issued can be relevant for the combined proposal also.</p> <p>3. Hence, the proponent shall revise and resubmit the EIA report accordingly and also prepare Chapter 13 with respect to the increased built-up area of 3,10,612.66 Sq.m.</p> <p>4. Further, the proponent shall furnish detailed chronology with respect to the construction activity carried out in the proposed area to assess the violation committed by the proponent as per EIA Notification, 2006.</p> <p>5. Hence, the proponent shall withdraw the proposal pertaining to online number SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) from Parivesh Portal and SEIAA may accordingly take necessary action in accordance with the procedures laid by the MoEF & CC.</p> <p>The Authority, after detailed deliberations, accepts the decision of SEAC and decided to request Member Secretary, SEIAA to communicate the minutes of 391st SEAC meeting to the project proponent</p>
2.	File No: 10046	


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Existing Educational Institutional building in S.F. No. 49 to 59, 60/1B, 60/1C, 62/1, 62/2, 62/4A, 63/1, 64/1A, 64/1B, 64/3A, 64/3B, 64/4, 65, 66, 67, 68 to 77, 79 to 82, 83/2, 84/1A, 84/1B, 84/2A, 84/2B, 85, 86/1, 86/2, 87/1, 87/2, 118/1A, 118/1B1, 118/2A, 118/2B, 119, 120, 121/1, 121/2, 121/3, 121/4A, 121/4B, 122/1A, 122/1B, 122/2, 123/1, 123/2, 128/1A1, 128/1A2, 128/2, 128/3, 129/2A, 129/2B, 130/1, 130/2, 131 to 151, 153 to 158, 159/1, 159/2A, 161/1, 161/2, 162, 169/2, 169/3A, 169/3B, 170/1, 197/1A, 198/2B1, 198/3, 198/4A & 198/4B of Kalavakkam Village and Survey Nos. 1034, 1035, 1036, 1037, 1038, 1039, 1040/1B, 1040/2B, 1041, 1046, 1047, 1048, 1226, 1227/2A, 1227/2B, 1228, 1234, 1236, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247/1C, 1247/2, 1248/1C, 1248/2, 1395C/1A1, 1395C/2A, 1395C/4B, 1415 of Thaiyur B Village, Tiruppur Taluk, Chengalpattu District, Tamil Nadu by M/s. SSN Trust – For Environmental clearance

The authority noted that the subject was appraised in 391st SEAC meeting held on 13.07.2023.


Based on the above facts, both the proposals were placed in the 391st SEAC meeting held on 13.07.2023 and were appraised together.

Based on the presentation and documents furnished by the proponent, SEAC noted the following with respect to F.No. 10046 - online number SIA/TN/INFRA2/429313/2023, dated:16.05.2023.

1. During the presentation, proponent disclosed that the following two components which were proposed for construction in File No. 10046 had already been started;
 - i. Academic Block – 2
 - ii. Law School
2. Further, from the Conceptual plan submitted by the proponent in Parivesh Portal, it was ascertained that the proposed construction involving 91,982.06 Sq.m. is within the campus of the existing educational institution which comes under 8(b) – Township and Area Development Projects.
3. Further, in F. No. 513 - online number SIA/TN/INFRA2/429590/2023 Dated: 18.05.2023, building components included EEE block and Chemical/Biomedical Engineering block which comprised of G+3 floors.
4. Subsequently, in the current proposal, in conceptual plan, Page No. 44 & 45, it has been mentioned that vertical expansion is proposed in EEE block & Chemical/biomedical Engineering.
5. The Survey Nos of both the proposal were compared and it was ascertained that some of the survey numbers are common as shown below


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S.No	Description	File No.513/2023	File No. 10046/2023
1	Site Address	S.F. Nos. 49 to 59, 60/1B, 60/1C, 62/1, 62/2, 62/4A, 63/1, 64/1A, 64/1B, 64/3A, 64/3B, 64/4, 65, 66, 67, 68 to 77, 79 to 82, 83/2, 84/1A, 84/1B, 84/2A, 84/2B, 85, 86/1, 86/2, 87/1, 87/2, 118/1A, 118/1B1, 118/2A, 118/2B, 119, 120, 121/1, 121/2, 121/3, 121/4A, 121/4B, 122/1A, 122/1B, 122/2, 123/1, 123/2, 128/1A1, 128/1A2, 128/2, 128/3, 129/2A, 129/2B, 130/1, 130/2, 131 to 151, 153 to 158, 159/1, 159/2A, 161/1, 161/2, 162, 169/2, 169/3A, 169/3B, 170/1, 197/1A, 198/2B1, 198/3, 198/4A & 198/4B of Kalavakkam Village and Survey Nos. 1034, 1035, 1036, 1037, 1038, 1039, 1040/1B, 1040/2B, 1041, 1046, 1047, 1048, 1226, 1227/2A, 1227/2B, 1228, 1234, 1236, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247/1C, 1247/2, 1248/1C, 1248/2, 1395C/1A1, 1395C/2A, 1395C/4B, 1415 of Thaiyur B Village, Tiruporur Taluk, Chengalpattu District.	S. F. Nos. 67/1A, 67/1B, 67/1C, 72, 73, 79/1, 79/2A, 79/2B, 79/2C, 87/1, 87/2, 118/1A, 118/1B1, 118/1B2, 118/2A, 118/2B, 119, 120, 123, 129/2, 150/5 of Kalavakkam Village & 1039, 1040/1B, 1040/2B, 1234/1, 1234/2, 1234/3A, 1234/3B, 1236/1, 1236/2, 1237 of Thaiyur B Village, Tiruporur Taluk, Chengalpet District.
2	Common S. F. No.	67, 68 to 77, 87/1, 87/2, 118/1A, 118/1B1, 118/2A,	67/1A, 67/1B, 67/1C, 72, 73, 79/1, 79/2A, 79/2B,


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		118/2B, 119, 120, 123/1, 123/2, 129/2A, 131 to 151 of Kalavakkam Village & 1040/1B, 1040/2B of Thaiyur B Village, Tiruporur Taluk, Chengalpet District.	79/2C, 87/1, 87/2, 118/1A, 118/1B1, 118/2A, 118/2B, 119, 120, 123, 129/2, 150/5 of Kalavakkam Village & 1040/1B, 1040/2B of Thaiyur B Village, Tiruporur Taluk, Chengalpet District.
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Based on the above, SEAC is of the opinion that,

- i. The proposed construction of educational institution (F.No. 10046) has to be treated under the category of 8(b) Township and Development projects because the total built-up area is 3,10,612.66 Sq.m, since the proponent is carrying out expansion activity within the same premises and existing components of the already existing educational institution (F.No.513).
- ii. Further, the proponent has carried out construction of the two components pertaining to online number SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) without valid prior Environmental Clearance as per EIA Notification, 2006.
- iii. Further both the proposals have common S.F. Nos and hence lie within the same premises. Both the proposals are violation cases. Hence, this cannot be treated as two different proposals.
- iv. As the PP had initially applied for EC on 01.03.2013, the proposal is eligible to be considered under SoP within window period.

In the light of the above scenario, SEAC decided that,

- i. The proponent has applied a separate proposal vide SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) under 8(a) category, whereas the proposal has to be treated as violation and further the total built-up area (Existing + Proposed) is **3,10,612.66Sq.m.** which is more than 1,50,000 Sq.m. Hence, the above-mentioned proposal has to be appraised as one single proposal along with the EIA report which must include Chapter 13 for the violation, submitted under violation category as 8(b) "Township and Area Development projects" vide online number SIA/TN/INFRA2/429590/2023 Dated: 18.05.2023 (offline no.513).


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	<p>2. Earlier the Terms of Reference was issued for a built-up area of 2,72,483.60 Sq.m. as per 592nd SEIAA meeting held on 16.02.2023. However, it was ascertained that the total built-up area (Existing + proposed) is 3,10,612.66 Sq.m. Since, the proposed expansion is within the existing premises, the Terms of Reference issued may be considered to be common for a total built-up area of 3,10,612.66 Sq.m. Baseline parameters taken for the terms of reference already issued can be relevant for the combined proposal also.</p> <p>3. Hence, the proponent shall revise and resubmit the EIA report accordingly and also prepare Chapter 13 with respect to the increased built-up area of 3,10,612.66 Sq.m.</p> <p>4. Further, the proponent shall furnish detailed chronology with respect to the construction activity carried out in the proposed area to assess the violation committed by the proponent as per EIA Notification, 2006.</p> <p>5. Hence, the proponent shall withdraw the proposal pertaining to online number SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) from Parivesh Portal and SEIAA may accordingly take necessary action in accordance with the procedures laid by the MoEF&CC.</p> <p>In the view of the above, the proponent is requested to withdraw the file pertaining to online number SIA/TN/INFRA2/429313/2023, dated:16.05.2023 (offline No. 10046) from Parivesh Portal and upon the receipt of request, further deliberation shall be done.</p>
3.	<p>File No: 6591</p> <p>Existing Grey Granite Quarry over an extent of 1.95.5 Ha at S.F. Nos. 133/1, 133/5, Kondappanayanapalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Tvl. S.M. Exports - For Extension of validity for the Terms of References Under Violation</p> <p>The authority noted that the subject was appraised in 391st SEAC meeting held on 13.07.2023.</p> <p>1. Earlier, the proposal was placed in the 328th SEAC meeting held on 11.11.2022. During the presentation, the proponent requested additional time to furnish further details. Hence, the proposal will be taken up for appraisal in the ensuing meeting.</p> <p>Now, the proposal is placed in the 391st SEAC meeting held on 13.07.2023. Based on the presentation and documents furnished by the PP, SEAC noted that</p> <p>(i) the validity of ToR granted under Violation Category is upto 08.08.2023 only as shown below:</p>


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Name of the proponent	Mineral	ToR Granted on	ToR Valid up to	ToR Valid (With Covid Extension Period)
Tvl. S. M. Exports (Prop. K. Madhaiyan)	Grey Granite Quarry	09.08.2018 under violation category	08.08.2022	08.08.2023

(ii) The Scheme of Mining for the proposed mining operation has not been approved by the competent authority as on date.

(iii) Further, as per Notification S.O. 751 (E) Dated: 17.02.2020 under paragraph 7, in subparagraph 7(i), for sub-heading II Stage (2)-Scoping

"... (viii) The Terms of Reference for the projects or activities except for River valley and Hydroelectric projects, issued by the regulatory authority concerned, shall have the validity of four years from the date of issue. In case of the River valley and Hydro-electric projects, the validity will be for five years."

In the light of the above, it is ascertained that the proponent's request to further extend the validity of Terms of Reference issued beyond the maximum outer limit of four years is not possible in accordance with the Guidelines prescribed in the MoEF & CC Notifications. Hence, the validity of Terms of Reference issued cannot be extended beyond 08.08.2023.


The proponent is, therefore, requested to apply for fresh 'Terms of Reference under violation category'.

In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to issue rejection letter and shall write to government to initiate action under section 19 as per Environmental Protection 1986.


4.	Existing Black Granite Quarry Project over an Extent of 1.83.5Ha of Patta lands in S.F.No.12/1 (P), 3(P), 4(P), 5, 6, 7, and 12/8 of Vengamur village and 59/7B(P), 8B(P), 60/2 and 61/3A1 of Anumanthapuram Village, Vikravandi Taluk, Viluppuram District, Tamil Nadu by M/s. Mani	5373	The authority noted that the subject was appraised in 391 st SEAC meeting held on 13.07.2023. Now, the proposal was placed in the 391 st SEAC meeting held on 13.07.2023. The Committee carefully examined the presentation made by the PP and the documents furnished. Based on the above, it is noted that in this case, application has been filed for Extension after the mandatory time limit of 90 days as per EIA Notification S.O. 1141 (E) Dated:
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<p>Omega Granites Pvt Ltd - For Extension of validity for the earlier issued Environmental Clearance</p>	<p>29.04.2015 and S.O. 2944 (E) Dated: 14.09.2016. However, the PP satisfies the condition prescribed in the OM F.No. 1A3-22/28/2022-1A.111 Dated: 13.12.2022, sub para (i) of Para 2 which states that <i>"...The validity of the Environmental Clearances, which had not expired as on the date of publication of Notification i.e., 12/04/2022, shall stand automatically extended to respective increased validity as mentioned at para no. 1 column (C) above:"</i></p> <p>In the light of the above, SEAC decided to confirm that project proponent is eligible for automatic extension of validity of the EC issued earlier.</p> <p>The Authority after detailed deliberation noted that,</p> <ol style="list-style-type: none"> 1. The proponent has obtained Environmental Clearance vide Lr. No. SEIAA-TN/F.No. 5373/1(a)/EC, No: 3355/2016 Dated: 19.07.2016. 2. Subsequently, the proponent has applied for Extension of validity of earlier issued EC in Form 6 vide SIA/TN/MIN/300065/2023, dated: 10.05.2023. <p>Further, as per EIA Notification 2006, as amended vide S.O. 1141 (E) Dated: 29.04.2015 and S.O. 2944 (E) Dated: 14.09.2016, which states that <i>"...(iii) Where the application for extension under sub-paragraphs (i) and (ii) above has been filed-</i></p> <p><i>(a) within thirty days after the validity period of Environmental Clearance, such cases shall be referred to concerned Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee and based on their recommendations,</i></p>
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			<p><i>the delay shall be condoned at the level of the Joint Secretary in the Ministry of Environment, Forest and Climate Change or Member Secretary, State Level Expert Appraisal Committee or Member Secretary, District Level Expert Appraisal Committee, as the case may be;</i></p> <p><i>(b) more than thirty days after the validity period of Environmental Clearance but less than ninety days after such validity period, then, based on the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee, the delay shall be condoned with the approval of the Minister in charge of Environment, Forest and Climate Change or Chairman, as the case may be:</i></p> <p><u>Provided that no condonation for delay shall be granted for any application for extension filed beyond ninety days after the validity period of Environmental Clearance."</u></p> <p>In the light of the above Notification cited, Authority decided that the proponent's request for extension of validity of EC cannot be processed, since the proponent has applied for extension in Form 6 through Parivesh portal beyond 90 days after the validity period of Environmental Clearance. Hence, Authority decided to direct the proponent to apply afresh in Parivesh Portal with necessary relevant documents to obtain Environmental Clearance.</p>
5.	Proposed Gravel Quarry lease over an extent of 1.30.16 Ha (Patta land)	10047	The authority noted that the subject was appraised in the 391 st SEAC meeting held on 13.07.2023.


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<p>in S.F.No. 382/1A, 382/1B, 382/2 & 382/3B of Palaiyur Village, Mannachanallur Taluk, Tiruchirappalli District, Tamil Nadu by Thiru. M. Gobi – For Environmental clearance</p>	<p>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 18,068m³ of gravel upto the maximum depth of 2m below ground level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 3 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
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			<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>
6.	Existing Multi Colour Granite Quarry lease over an extent of 1.21.5 Ha in S.F.No. 476(P), 477(P), 478(P) and 479(P) of Kalvarpatti Village, Vedasandur Taluk, Dindigul District, Tamil Nadu by M/s. Sky International, – For Environmental clearance	10054	The authority noted that the subject was appraised in the 391 st SEAC meeting held on 13.07.2023. based on the presentation and documents furnished by the project proponent, SEAC decided to grant of Terms of Reference (TOR) under Violation category , subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and ToR given in Annexure-I, the EIA/EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it


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		<p>shall be prepared as an independent chapter by the accredited consultants. Terms of Reference issued are subject to the outcome of the final orders of the Hon'ble High Court of Madras in the matter of W.P.(MD) No. 11757 of 2021.</p> <p>After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) under violation category for undertaking EIA study followed by the EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter by the accredited consultants subject to the conditions as recommended by SEAC & normal / Standard conditions in addition to the following conditions and conditions stated therein vide Annexure 'B'.</p> <ol style="list-style-type: none"> 1. The PP shall furnish Copy of valid mining lease approval obtained from the competent Authority. 2. The PP shall furnish Copy of mining plan approved by the competent authority of the Dept of Geology and Mining. 3. The PP shall furnish EMP for the project life including progressive mine closure plan and final mine closure plan with detailed budget plan. 4. The PP shall study in detail about the CO₂ release and temperature rise and the project activities that add to micro climate alternations and the same shall be included in the final EIA report.
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			<p>5. The PP shall study in detail about impact of the proposed mining activity on the water bodies and natural flow of surface and ground water and the same shall be included in the final EIA report.</p> <p>6. The PP shall study in detail about Possibilities of water contamination and impact on aquatic ecosystem health.</p> <p>7. The PP shall study the impact on Invasive Alien Species (IAP).</p>
7.	Proposed Gravel quarry lease over an extent of 1.72.74Ha at SF.No. 34/1A2 and 34/1B2 of Seepalakottai Village, Uthamapalayam Taluk, Theni District, Tamil Nadu by Thiru.M.Koodalingam- for Environmental Clearance.	10034	<p>The authority noted that this proposal was placed for appraisal in 391st meeting of SEAC held on 13.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 21,980m³ of Gravel up to the depth of mining 2m BGL for 2 years, as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <p>1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.</p>


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		<ol style="list-style-type: none"> 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 2 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. 6. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.
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8.	Proposed Rough stone quarry lease over an extent of 0.91.20Ha at SF.No. 1516/1 of Ondipulinayakanur Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Smt. P.Seeniammal- for Environmental Clearance.	10041	<p>The authority noted that this proposal was placed for appraisal in 391st meeting of SEAC held on 13.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 62,487.5m³ of Rough stone and 18,553.5m³ of Gravel up to the depth of mining 30m BGL, as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life.
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			<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>
9.	Proposed Rough stone and Gravel quarry lease over an extent of 1.09.5Ha at SF. No. 163/1, 163/2A & 163/2B1 of Marungapuri Village, Marungapuri Taluk, Trichy District, Tamil Nadu by M/s. Suganya Aggregates - for Environmental Clearance.	10048	<p>The authority noted that this proposal was placed for appraisal in 391st meeting of SEAC held on 13.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 68,780m³ of Rough stone and 10,256m³ of Gravel up to the depth of mining 21.5m BGL, as per the mine plan approved by the Department of Geology & Mining. This is</p>


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		<p>also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
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			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.
10.	Proposed Construction of Residential cum Commercial Development Project at T.S. No: 19, Old S.No. 212, 213/2, Velachery Main Road, Velachery Village, Velachery Taluk, Chennai District, Tamil Nadu by M/s. Sobha Limited- For Environmental Clearance.	9902	<p>The authority noted that this proposal was placed for appraisal in 391st meeting of SEAC held on 13.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant of Environmental Clearance subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. As accepted by the Project Proponent the CER cost is Rs.144 Lakhs and the amount shall be spent for the committed activities for (i)Government Primary School, Tharamani (ii) Chennai Corporation Primary School, Rajalakshmi Nagar, Velachery (iii) Government Higher Secondary School, Velachery (iv) Chennai Higher Secondary School, Guindy (v) Thanthai Periyar Government Higher Secondary School, Puzhuthivakkam before obtaining CTE from TNPCB. 2. The project proponent shall construct a pond of appropriate size in the earmarked OSR land in



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		<p>consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.</p> <ol style="list-style-type: none"> 3. The PP shall ensure health security for all staffs and PP shall ensure doctor is available at the site. 4. The proponent shall deploy cost-effective technology to reduce GHG emissions. 5. The proponent shall adopt strategies to develop carbon-neutral or zero-carbon building. 6. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials). 7. The proponent shall adopt strategies to decarbonize the building. 8. The proponent shall adopt strategies to maintain the health of the inhabitants. 9. The proponent shall adopt strategies to reduce electricity demand and consumption. 10. The proponent shall provide provisions for automated energy efficiency. 11. The proponent shall provide provisions for controlled ventilation and lighting systems. 12. The proponent shall adopt strategies to reduce temperature including the Building Façade.
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		<p>13. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.</p> <p>14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.</p> <p>15. The proponent shall adopt methodology to control thermal environment and other shocks in the building.</p> <p>16. The proponent shall adopt strategies to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities.</p> <p>17. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.</p> <p>18. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,</p> <p>19. The proponent should develop an emergency response plan in addition to the disaster management plan.</p>
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		<p>20. The proponent should maintain environmental audits to measure and mitigate environmental concerns.</p> <p>21. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.</p> <p>22. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.</p> <p>23. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.</p> <p>24. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.</p> <p>25. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.</p> <p>26. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.</p> <p>27. The proponent shall adopt strategies to prevent bird hits and impact on movement of migratory birds.</p> <p>28. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.</p>
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			29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.
11.	Proposed Gravel quarry lease area over an extent of 2.03.50 Ha at S.F.Nos. 47/1, 48/1 & 48/2 of Kangaraseval Village, Vembakkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. A. Kannuchamy - For Environmental Clearance.	10035	The authority noted that this proposal was placed for appraisal in the 391 st meeting of SEAC held on 13.07.2023. During the meeting, the Committee noted that the project proponent was absent for the meeting. Hence the subject was not taken up for discussion. Further, SEAC decided that the proponent shall furnish the reason for absence. In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the minutes of 391 st SEAC meeting to the project proponent.
12.	Proposed Rough Stone and Gravel quarry lease area over an extent of 1.83.50 Ha at S.F.Nos. 580 & 581 of Korukkampatti Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. A. Paulraj - For Environmental Clearance.	10042	The authority noted that this subject was placed for appraisal in 391 st meeting of SEAC held on 13.07.2023. Based on the presentation and document furnished by the proponent, SEAC noted that solar panels are located in the vicinity of the project site. Hence, SEAC decided to call for the following additional details from the project proponent: <ol style="list-style-type: none"> 1. The proponent shall furnish a revised mining plan duly approved by the competent authority by leaving a safety distance of not less than 300m for the solar panels located near the lease boundary. 2. The proponent shall revise the EMP by including the cost of high wall sheet fencing for protecting the solar panels which are located on the northern side of the lease boundary.


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			<p>Hence, the SEAC will deliberate the future course of action on the receipt of the above additional documents/ information.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the minutes of 391st SEAC meeting to the project proponent.</p>
13.	Proposed Colour Granite quarry lease area over an extent of 2.52.0 Ha at S.F.No. 121(Part) of Modikuppam Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Vinayaga Granites - For Environmental Clearance.	10049	<p>The authority noted that the subject was appraised in 391st SEAC meeting held on 13.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority, after detailed discussions decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <ol style="list-style-type: none"> 1. The proponent shall furnish a revised approved mining plan by leaving a safety distance of 200m from the structures/habitations situated on the eastern side of the proposed project area.
14.	Proposed Rough Stone and Gravel Quarry over an extent of 1.62.5Ha SF.No.516/3, 516/4, 516/5, 516/6, 516/7, 516/8, 516/9, 516/10, 516/11 and 516/12 of Pulikuthi Village, Uthamapalayam Taluk, Theni District by Thiru.A.Kannan - For Environmental Clearance.	10036	<p>The authority noted that the subject was appraised in 391st meeting of SEAC held on 13.07.2023 and SEAC noted that the lease of the proposed mining area is abutting Salamalai Karadu R.F and an Odai. Further, on examining the environmental setting it was found that the land pattern of the proposed mining area is a low-lying land between two hills forming a valley-like terrain and the proposed area served as a catchment and drainage for the waterbodies in the downstream.</p> <p>Considering the above critical environmental observations, SEAC decided not to recommend this</p>


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			<p>proposal for grant of Environmental Clearance considering adverse impact of mining on the said environmental setting in and around the proposed mining area.</p> <p>In view of the above, the authority unanimously accepts the decision of SEAC and this proposal seeking Environmental Clearance stand rejected. Further, the Member Secretary, SEIAA to communicate the SEAC/SEIAA minutes to the project proponent.</p>
15.	Proposed Rough Stone and Gravel Quarry over an extent of 4.96.0Ha SF.No.1002/B (P), 1008 And 1009/B(P) of Monjanur (East) Village, Pugalur Taluk, Karur District by Thiru. N. Sivakumar - For Environmental Clearance.	10043	<p>The authority noted that the subject was appraised in 391st meeting of SEAC held on 13.07.2023 and SEAC noted that in the earlier EC issued by DEIAA vide Lr. No. DEIAA-DIA/TN/MIN/6796/2017-KRR, EC.No.3- Dt:23.06.2017 reveals the existing pits of 2 nos. with depth of 10m but in the current approved mining plan & CCR it was mentioned that the existing pits of 2 nos. with depth of 9m & 8m. In this connection, the proponent shall furnish (i) A clarification letter obtained from AD/DD, Dept. of G&M after having carried out a field inspection, (ii) Revised EMP details & cost including mine closure plan for the life of mine.</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 13.07.2023.</p> <p>Hence, the proponent is advised to submit the additional documents / information as sought above within a period of 30 days failing which your proposal will automatically delisted from the PARIVESH portal.</p>


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16.	Existing Grey Granite Quarry lease over an extent of 1.05.5Ha S.F.No.840/1 (Part), Sonarahalli Village, Pochampalli Taluk, Krishnagiri District by Thiru. K. P. Lakshmanan - For Terms of Reference.	10050	<p>The authority noted that during presentation EIA coordinator and the PP stated that they intend to withdraw of the proposal and to apply for EC as B2 category proposal. Under this circumstances SEAC, without examining the proposal, decided to request SEIAA to consider the request for withdrawal of this proposal as and when received.</p> <p>In view of the above, the authority noted that the PP has not given withdraw request vide online (Parivesh Portal) and the authority decided to call for justification for the withdrawal request committed before SEAC.</p> <p>Hence, the proponent is advised to submit the additional documents / information as sought above within a period of 30 days failing which your proposal will automatically delisted from the PARIVESH portal.</p>
17.	Proposed Rough Stone and Gravel Quarry over an extent of 1.76.5Ha at S.F.No.187/3A of Sampatti Village, Manapparai Taluk, Tiruchirappalli District, Tamil Nadu by Thiru. P. Thangaraj - For Environmental Clearance.	10037	<p>The Authority noted that the subject was appraised in the 391st Meeting of SEAC held on 13.07.2023. 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 recommendation of SEAC and the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 80,310m³ of Rough Stone & 25194m³ of Gravel by restricting the depth of mining upto 12m Below Ground Level as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard</p>


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		<p>conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.
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			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.
18.	Proposed Expansion of hospital buildings located at S.F.Nos. 298, 300/2, 306, 307pt, 308pt, 499, 500, 501 & 502pt of Sowripalayam village, Coimbatore South Taluk, Coimbatore District, Tamil Nadu by M/s. PSG Hospitals - For Environmental Clearance	10044	<p>The Authority noted that the subject was appraised in the 391st Meeting of SEAC held on 13.07.2023 and SEAC has furnished its recommendation to the Authority for granting Environmental Clearance for the proposed Expansion activity subject to all the conditions stipulated in the EC issued vide Lr. No. Letter No. SEIAA-TN/F.No.9039/EC/8(a)/864/2022 dated: 25.08.2022 in addition to the conditions stated therein.</p> <p>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:</p> <ol style="list-style-type: none"> 1. The PP shall obtain the BMW agreement from the HCFs/CBWTFs to reduce illegal dumping of BMW before obtaining CTE from TNPCCB. 2. The proponent shall follow the NBC (National Building Code of India) norms adopted, if any, with respect to the following, <ol style="list-style-type: none"> a) Basements


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			<ul style="list-style-type: none"> b) Garages c) Stairways d) open ways e) fire safety & safety against fire escape routes f) electric lines g) roof top safety h) car parking i) visibility in exit areas <p>3. The proponent shall install adequate number of fire alarms and follow the automatic fire detection standards.</p>
19.	Proposed Black Granite (Dolerite) quarry over an extent of 1.58.30Ha at S.F.Nos. 294/1 (Part), 292/2D2 of Samanur Village & S.F.Nos. 115/2C(Part), 115/2B2 (Part) of Gummanur Village, Palacode Taluk, Dharmapuri District, Tamil Nadu by Thiru. P. Raman - For Terms of Reference.	10051	<p>The Authority noted that the subject was appraised in the 391st Meeting of SEAC held on 13.07.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for Terms of Reference (TOR) with Public Hearing subject to the Special TOR conditions stated therein, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC. After detailed discussions, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action.</p> <p>1. The PP shall furnish the reason for not obtaining NBWL clearance before commencement of work, since EC was issued to the project vide Lr.No.01/DEIAA-DPI/EC.No.01/2018 dated:29.06.2018 stipulates that,</p>


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			<p><i>"...conditions to be complied before/during commencing operations: NOC from the standing committee of the NBWL shall be obtained, if protected areas are located within 10 km from the proposed project site..."</i></p> <p>2. The details regarding if any action taken against the PP shall be obtained from the AD/DD Geology & mining.</p> <p>3. The PP shall furnish certified EC compliance report obtained from MOEF&CC/TNPCB.</p> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
20.	Proposed Ordinary Earth quarry lease over an extent of 3.60.42Ha at S.F.Nos. 1606, 1609(Part) & 1610/2B (Part), in Andipatti Bit-II Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru. M. Kasimayan, - For Environment Clearance	10038	<p>The Authority noted that the subject was placed in the 391st meeting of SEAC held on 13.07.2023 and the Committee has directed the PP to obtain and furnish revised land lease deed document from the landowner detailing the project activity.</p> <p>The Authority decided to request the Member Secretary, SEIAA TN to communicate the aforesaid SEAC minutes to the Proponent.</p>
21.	<p>File No: 10045</p> <p>Existing Rough stone and Gravel quarry lease over an extent of 3.13.0 Ha at S.F.No. S.F.Nos.50/3 & 50/4 in Sukkampalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by M. Palanisamy- Environment Clearance</p> <p>The Authority noted that the subject was placed in the 391st meeting of SEAC held on 13.07.2023 and the Committee</p> <p>The SEAC further noted that,</p> <p>(i) The following structures are located at a close distance from the lease boundary of the quarry;</p>		


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Distance	No of Structures	Structure belongs to owner	Structure not belongs to owner	Type of Structure
0 - 50m	1	-	Yes	1 – Electronic Store
50- 100m	2	-	Yes	3 – Poultry Farms & 1 – Labour Farm
100-200m	1	-	Yes	1- Gas Godown (BP Co. Ltd) which is a storehouse for Gas Cylinders having the high-pressure liquefiable gas, installed under the Indian Explosives Act, 1884
200 – 300m	4	-	Yes	3-Shed & 1 – Stock Yard office

- (ii) From the above Table, it is seen that the Gas Cylinder Storage Premise (Godown), located is within 300m from the proposed site, has been set up after obtaining the statutory permission from the office of the Chief Controller of Explosives under the provisions of the Gas Cylinders Rules, 2003 and the section 18 of the Explosives Act, 1884 considered to be the high hazard installation. Hence, it requires the society/habitations/other major industries are kept at a safe distance of 250 to 300 meters from the likely point of ignition for ensuring the clear space to minimize the risk due to the legal implications.
- (iii) Besides, three poultry farms are operating at a distance of 60m from lease boundary of the quarry.

Considering the above reasons, the SEAC have decided not to recommend the proposal for the grant of Environmental Clearance.

The Authority accepted the recommendations of the SEAC and decided to reject the project proposal.


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22.	Proposed Rough stone quarry lease over an extent of 1.00.0 Ha at S.F.No. 97/1A1 (Part-1), Vasur Village, Polur Taluk, Tiruvannamalai District, Tamil Nadu by Thriu.S. Rajkumar, - Environment Clearance	10052	<p>The Authority noted that the subject was placed in the 391st meeting of SEAC held on 13.07.2023 and the SEAC has furnished its recommendation for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>Considering the proximity of the Polur lake which is located at a distance of 0.82km from the mine lease area, the Authority, after detailed discussions, decided to call the following details from the Project Proponent:</p> <ol style="list-style-type: none"> 1. Study report on impact of mining on drainage pattern, agriculture, biodiversity, ground water, surface water, temperature, carbon-dioxide and greenhouse gases. 2. The PP shall furnish the letter obtained from the Director, Department of Agriculture stating that the proposed mine lease area/ about the productivity status and productive potential of the land. 3. The PP shall furnish the remarks obtained from local panchayat on the proposed mining activity.
23.	Existing Lime Stone Mine Quarry over an extent of 4.86.5 ha comprising S.F.Nos. 17, 23/1, 24/1, 25/1, 33/1B(P), 33/2, 33/3, 33/4, 51/2B (P), 52/5(P), 153/2of Chinnagoundanur Village, Sankari Taluk and Salem District Tamil Nadu by M/s.The India Cements Limited - for Corrigendum in	6567	<p>The authority noted that the subject was appraised in 391st meeting of SEAC held on 13.07.2023. SEAC decided to confirm that the ToR issued is valid (deemed to be) up to 11.07.2024 considering the Covid extensions.</p> <p>In this connection, the authority after detailed discussion has decided to grant corrigendum in Terms of Reference (ToR) in regard to validity of ToR and the validity of ToR shall be substituted as "11.07.2024" subject to all the</p>


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	Terms of Reference regarding Extension of validity		conditions stipulated vide ToR issued vide SEIAA Lr. No. SEIAA-TN/F.No.6567/SEAC/TOR-630/Extn. /2019, Dated: 26.09.2022 remains unaltered.
24.	Existing New Building for Collectorate and other offices located at S.F.No. 191 Ward B, Block 4, T.S no.36 and others Tenkasi village, Tenkasi Taluk, Tirunelveli District, Tamil Nadu by M/s. Executive Engineer, PWD, Buildings (C&M) Division- For Environmental Clearance under Violation.	9321	<p>The authority noted that the subject was appraised in 391st SEAC meeting held on 13.07.2023.</p> <p>After detailed deliberation, SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to the normal conditions:</p> <ol style="list-style-type: none"> 1. The recommendation is made in deference to the direction issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) No. 19136 of 2022 and also considering the legal opinion given by the Government Pleader to PED Department in Ref.No.GP/L.O./1126/2023. As the SoP, issued by the MOEF&CC, for considering violation cases is under stay by the Hon'ble Madurai Bench of Madras High Court, SEIAA may obtain an affidavit from the PP that the decision is without prejudice to the outcome of the W.P.(MD) No. 11757 of 2021 and the PP shall abide by the judgement in the writ petition and face the consequences if any. Further, as an abundant precaution, SEIAA may get the consent of the Hon'ble High Court by filing a clarification petition. <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to file a clarification petition as per the direction of SEAC in 391st SEAC meeting held on</p>


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			13.07.2023 and communicate the minutes to the project proponent.
25.	Proposed Construction of Multi Storied Building at Old S.F.Nos. 125/2pt, 126/1pt, 134/1pt & 138, New S.F.Nos. 13/9pt, 13/3pt, 18/14, 13/1, 13/2, 13/3, 13/5, 15/5, 15/3, Athipattu Village, Ambattur Taluk, Chennai District, Tamil Nadu by Tmt. S. Sudharani - For Environmental Clearance.	9673	<p>The authority noted that the subject was earlier appraised in 361st SEAC meeting held on 10.03.2023.</p> <p>Subsequently, the proposal was placed in 607th SEIAA meeting held on .03.2023. Authority after detailed deliberation, decided to call for additional details as follows</p> <ol style="list-style-type: none"> 1. As per the land use classification submitted by the proponent in Parivesh portal, it is ascertained that the proposed site is a Nanjai Land. Hence, the proponent is requested to obtain permission from the competent authority to carry out development activity in Nanjai Land. 2. The proponent is requested to submit the Inundation certificate issued by PWD, WRD. 3. The proponent is requested to submit NOC obtained from the Fire Safety Department. 4. The proponent is requested to provide details regarding recreational activities provided, the Children's Play Area, and Gym provided within the facility. 5. The proponent is requested to submit a detailed report enumerating the increase in PCU in the proposed area due to the proposed site and the anticipated change in the traffic pattern. Further, the increase in vehicular emission in the vicinity due to the proposed project shall be included in the


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		<p>report indicating the pollutant levels before construction and expected pollutant levels during the operation phase (Post construction) and the mitigation measures to be adopted shall also be submitted along with the report.</p> <ol style="list-style-type: none"> 6. The proponent is requested to submit a permanent water commitment letter obtained from CMWSSB/TWAD Board/Local body to get water supply for domestic purpose and to discharge the excess treated wastewater. 7. The proponent is requested to enumerate the type of trees and plantation within the site and details regarding transplantation of existing trees/plantation. 8. The proponent is requested to submit report regarding the impact on Ground Water table due to the proposed activity. <p>On receipt of above details, further deliberation shall be done.</p> <p>Subsequently, the proponent submitted the reply to O/o SEIAA on 31.05.2023.</p> <p>Based on the reply furnished by the proponent, the proposal was again placed in 631st SEIAA meeting held on 27.07.2023 & 28.07.2023. The Authority after detailed deliberation decided to defer the proposal until the proponent submits the following documents</p> <ol style="list-style-type: none"> 1. Inundation certificate issued by WRD-TN. 2. Permanent water commitment letter obtained from CMWSSB/TWAD Board/Local body to get water supply for
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			<p>domestic purpose and to discharge the excess treated wastewater.</p> <p>On receipt of above details, further deliberation shall be done.</p> <p>Subsequently, based on the reply furnished by the proponent on .07.2023 to O/o SEIAA, the proposal was again placed in 641st SEIAA meeting held on 27.07.2023 & 28.07.2023.</p> <p>After detailed deliberations, the Authority accepted the recommendations of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'C':</p> <ol style="list-style-type: none"> 1. The proponent shall obtain Inundation certificate issued by WRD-TN before obtaining CTE from TNPCCB. 2. The proponent shall obtain permanent water commitment letter from CMWSSB/TWAD Board/Local body to get water supply for domestic purpose and to discharge the excess treated wastewater before obtaining CTE from TNPCCB.
26.	Proposed Earth quarry lease over an extent of 1.62.0 Ha at S.F.Nos.294/2C, 382/1&382/2A Silamalai Village, Bodinaickanur Taluk, Theni District, Tamil Nadu by Thiru. C.Balamurugan- For Environmental Clearance	8134	The authority noted that earlier, the subject was placed in the 582 nd Authority meeting held on 09.01.2023. The authority noted that this proposal was placed for appraisal in this 337 th meeting of SEAC held on 13.12.2022. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance to the Project subject to the conditions stated therein.


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		<p>After detailed discussion, the authority decided to call for the following additional particulars from the project proponent for further processing the proposal.</p> <ol style="list-style-type: none"> 1. The PP shall submit the revised/modified Mining Plan by removing the word 'Earth' into Ordinary Earth as per G.O. Ms. No. 244, Industries, Investment Promotion and Commerce (MMC.1), dated. 14.12.2022. 2. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment. 3. The proponent should produce a letter from the concerned AD (Mines) stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment. <p>The proponent vide letter dated 20.07.2023 gave reply to the above details sought by SEIAA. In view of this, it was again placed in this 641st SEIAA meeting held on 27.07.2023 & 28.07.2023.</p> <p>The Authority after examining the reply/details furnished by the proponent and also taking into account the recommendations of SEAC, the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 19,026 m³ of Ordinary Earth with an ultimate depth of mining upto 1.5m below ground level as</p>
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		<p>per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 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
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		<p>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>
27.	<p>File No: 494</p> <p>Amendment on Environmental Clearance issued to the proposed "Proposed construction of IT Park- Phase II at S.No. 240 (p) of Siruseri Village, and S.no.117 (p) of Kazhipattur Village, Tirupporur (Previously Chengapattu) Taluk, Chengalpattu (Previously Kancheepuram) District, Tamil Nadu by M/s Syntel International Pvt. Ltd.</p> <p>The authority noted that the subject was appraised in 379th SEAC meeting held on 12.05.2023. SEAC has furnished its recommendations to the Authority for granting amendment in Environmental Clearance issued to the project, subject to the conditions stated therein. After detailed discussion, SEIAA decided to obtain the following additional details from the PP.</p> <ol style="list-style-type: none"> 1. Earlier, the EIA report has mentioned as 4x400 KLD of UG sump for collecting and storage of roof top rain water. Now the PP has made the representation to install 280 KL + 90 KL with supporting documents. Therefore, the PP was requested furnish the justification obtained from reputed Govt. educational institutions. 2. Similarly, the PP also obtain the proper justification for reducing the rain water recharging pits from 85 to 68 nos from WRO/ reputed Govt. educational institution. <p>On receipt of the reply furnished by the project proponent vide letter dated 19.07.2023, this subject has again been placed in this 641st authority meeting held on 27.07.2023 & 28.07.2023.</p> <p>Taking into account the reply furnished by the project proponent and the recommendations of SEAC, the authority decided to grant the following amendment in the Environmental Clearance issued dated.06.02.2014 subject to the condition that all other conditions imposed vide Letter No.</p>	


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SEIAA/TN/F.494/EC/8(b)/243/2012 dt: 06.02.2014 and Letter No. SEIAA-TN/F.494/EC/8(b)/243/EC-Ext/2014 dated: 23.01.2021 remain unaltered.

Sl No	As per EC conditions	Amendment recommended
1	The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 4 nos. of 400 KL capacities each and reused.	The Proponent shall ensure the roof rainwater runoff collected from the covered roof, buildings etc shall be scientifically harvested so as to ensure the beneficiation of rainwater harvesting. It shall be stored in sump of 280 KL + 90 KL instead of 4 nos. of 400 KL capacities.
2	Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc. The Proponent shall provide 85 nos. of bore wells/percolation pits/ etc. as committed. The bore wells / percolation pits/etc. for rainwater recharging should be kept at least 5m above the highest ground water table	The proponent shall provide bore wells/percolation pits of 68 nos. instead of 85 nos.

28.	Proposed expansion of Construction of Residential Complex in S. No. 552/1A1, 553/2B1A, 553/2B2A, 742/1P, 742/2, 743/3B, 744/1B, 744/1C, 745/1A, 745/1B & 745/2B, Sholinganallur Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s. NCC Urban Infrastructure Ltd. - For Environmental clearance	9931	The authority noted that the subject was appraised in 385 th meeting of SEAC held on 22.06.2023 and SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. Subsequently, in the 635 th Authority meeting held on 05.07.2023, the authority decided to defer and decided the directs the PP to furnish certain additional particulars. In this connection, the project proponent has furnished reply vide lr. Dt: 21.07.2023.
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			In this connection, the proposal was placed in the 641 st Authority meeting held on 27.07.2023 & 28.07.2023. After detailed discussion, SEIAA decided to grant Environmental Clearance to the proposal subject to the conditions as recommended by SEAC in addition to the following conditions in Annexure 'C' of this minutes.
29.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.73.0 Ha at S.F.Nos. 337/2 of Pachapalayam Village, Sulur Taluk, Coimbatore District, Tamil Nadu by Tmt. K. Bhakiyalakshmi - For Environmental Clearance	9368	<p>The Authority noted that this proposal was placed for appraisal in the 359th meeting of SEAC held on 02.03.2023. The SEAC noted the following:</p> <ol style="list-style-type: none"> 1. Earlier online application No. SIA/TN/MIN/131536/2019 dt: 14.12.2019 (File No. 7365/2020) was appraised vide 156th SEAC meeting held on 18.06.2020. Based on the presentation made by the proponent and the documents furnished, the Committee noted that the earlier EC was granted by SEIAA vide Lr. Dt: 18.07.2013 to a depth of 31.5m whereas the proponent has mined to a depth of 41.5m as per the report furnished during presentation. When clarification was requested by the SEAC, consultant explained that before EC was granted to a depth of 31.5 m already 10m depth was mined out, totalling to 41.5m. The proponent has mined out only 31.5 m as per the EC granted. However, neither proponent nor the consultant has furnished document evidence from competent authority for the same. Hence the Project Proponent was instructed to get clarification for the above from the Assistant Director, Department of


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		<p>Geology and Mining, Coimbatore.</p> <p>2. Meanwhile, the PP had submitted a new application vide online No. 272724/2022 dated: 16.05.2022 (9368/2022) for the same in the parivesh portal without disclosing the fact of previous application submitted by the proponent.</p> <p>3. The PP had submitted a reply for the queries raised in the 156th meeting of SEAC held on 18.06.2020.</p> <p>During the meeting, the EIA coordinator has submitted an explanation letter. The Committee, hence, directed the PP to withdraw the new application submitted vide online application 272724/2022 dated: 16.05.2022 (9368/2022), after which the Committee will examine the replies given in File No. 7365.</p> <p>Subsequently, the proposal was placed in the 605th Authority meeting held on 28.03.2023. After detailed discussion, Authority decided to request the Member Secretary, SEIAA-TN to call for the explanation of the EIA coordinator and Project Proponent for hiding the facts, after which the Authority will decide upon further course of action.</p> <p>Now, the EIA coordinator had submitted an Explanation vide letter dated:05.06.2023. Hence, the subject was placed in the 641st Authority meeting held on 27.07.2023 & 28.07.2023. After detailed discussion, Authority decided to request the Member Secretary, SEIAA-TN to call for the explanation of the Project Proponent for hiding the</p>
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31.	Proposed Constructed Medical College & Hospital Buildings at S.F. No. 35/1,2,3,63/2,64/1A & 1B2 in Numbal village, Ambattur Taluk, Tiruvallur District Tamil Nadu by M/s. A.C.S. Medical College & Hospital – Environmental clearance under violation	226	<p>The representation of the proponent vide letter dated.17.07.2023 was placed in the 641st authority meeting held on 27.07.2023 & 28.07.2023.</p> <p>The authority noted that a letter was addressed to the proponent from SEIAA as recommended by SEAC requesting him to comply with the directions as indicated in 565th SEIAA meeting within a period of two weeks from the date of receipt of the letter failing which stringent penal provision of the Act may be invoked which may include shutting down the operations of the hospital.</p> <p>The proponent has given a representation vide letter dated.17.07.2023.</p> <p>The authority reviewed the contents of the representation in detail. The authority noted that the proponent has not complied with any conditions indicated in 565th Authority meeting. Hence, the authority, after detailed deliberations decided that the Member Secretary, SEIAA shall address TNPCB to issue a show cause notice to the project proponent for violating the provisions of EP Act, 1986.</p>
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Annexure-'A'

EC Compliance

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


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respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).

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

Applicable Regulatory Frameworks

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

Safe mining Practices

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

Water Environment – Protection and mitigation measures


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9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.
11. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.
12. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA.
15. Regular monitoring of ground water level and water quality shall be carried out around the mine area during mining operation. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
16. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

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.


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19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

Soil Environment – Protection and mitigation measures


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

Noise Environment – Protection and mitigation measures

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


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Biodiversity - Protection and mitigation measures


30. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
31. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.
32. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
33. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.
34. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

Climate Change

35. The project activity should not in any way impact the climate and lead to a rise in temperature.
36. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
37. Intensive mining activity should not add to temperature rise and global warming.
38. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
39. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.


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40. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
41. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
42. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

Reserve Forests & Protected Areas

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

Green Belt Development

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

Workers and their protection

54. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site


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should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

55. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
56. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

Transportation

57. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
58. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

Storage of wastes

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

CER/EMP


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

Directions for Reclamation of mine sites

63. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.
64. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.
65. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.
66. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.
67. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
68. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.


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


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Annexure 'B'

Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual quarry in the form of route map and network.
5. The committee shall deliberate on risk management plan pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the environmental policy devised shall be given in detail.
7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
8. The committee shall furnish the Emergency Management plan within the cluster.
9. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public.
10. The committee shall furnish an action plan to achieve sustainable development goals with reference to water, sanitation & safety.
11. The committee shall furnish the fire safety and evacuation plan in the case of fire accidents.

Impact study of mining

12. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following
 - a) Soil health & soil biological, physical land chemical features .
 - b) Climate change leading to Droughts, Floods etc.
 - c) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.


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- d) Possibilities of water contamination and impact on aquatic ecosystem health.
- e) Agriculture, Forestry & Traditional practices.
- f) Hydrothermal/Geothermal effect due to destruction in the Environment.
- g) Bio-geochemical processes and its foot prints including environmental stress.
- h) Sediment geochemistry in the surface streams.

Agriculture & Agro-Biodiversity

- 13. Impact on surrounding agricultural fields around the proposed mining Area.
- 14. Impact on soil flora & vegetation around the project site.
- 15. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- 16. The Environmental Impact Assessment should study the biodiversity, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
- 17. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
- 18. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

Forests


- 19. The project proponent shall detailed study on impact of mining on Reserve forests free ranging wildlife.
- 20. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
- 21. The Environmental Impact Assessment should study impact on standing trees and the existing trees should be numbered and action suggested for protection.
- 22. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

Water Environment

- 23. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working


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will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the entire mine lease period.

24. Erosion Control measures.
25. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
26. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
27. The project proponent shall study and furnish the details on potential fragmentation impact on natural environment, by the activities.
28. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
29. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
30. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.

Energy

31. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

Climate Change

32. The Environmental Impact Assessment shall study in detail the carbon emission and also suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.
33. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock.

Mine Closure Plan

34. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

EMP

35. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued.


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36. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

Risk Assessment

37. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

Disaster Management Plan

38. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities covering the entire mine lease period as per precise area communication order issued.

Others

39. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.
40. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.
41. The project proponent shall study and furnish the possible pollution due to plastic and microplastic on the environment. The ecological risks and impacts of plastic & microplastics on aquatic environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.


Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.
5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.


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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.
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)


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Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

19. The proponent shall provide elevator as per rules CMDA/DTCP.

Database maintenance & audits

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.

21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

Biodiversity

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

23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.

24. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.

25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.

26. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.

27. The proponent shall adopt strategies to prevent bird hits.

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.

29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.

30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.

31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.

32. The proponent shall provide the emergency exit in the buildings.

33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

Water/Sewage


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

Parking

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.


Solid waste Management

41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
42. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

EMP

43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.
44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.
45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.


Others


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



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