

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 212th Meeting of State Expert Appraisal Committee (SEAC)- TN held on 04th May 2021 at SEIAA Conference Hall, II Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects, Synthetic Organic Chemicals Industry Projects & Mining projects.

Agenda No: 212-01 (File No: 7864/2020)

Proposed Rough Stone quarry lease over an extent of 1.66.0Ha at S.F.Nos. 525/3A1 of Muthunaickenpatti Village, Palani Taluk, Dindigul District, Tamil Nadu by Tmt.A.T.Jaychitra - For Environmental Clearance

(SIA/TN/MIN/173643/2020 dated 16.09.2020)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Tmt.A.T.Jaychitra has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 1.66.0Ha at S.F.Nos.525/3A1 of Muthunaickenpatti Village, Palani Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier- EC, Lr. No. SEIAA-TN/F.No.2837/EC/1(a)/2143/2014 Dt:01.04.2015.
4. The production for the five years states that the total quantity of recoverable as 1,39,327 cu.m of Rough stone & 7,420 cu.m of Topsoil should not exceed for the depth of mining 37m below ground level.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions



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stipulated by the MoEF&CC:

1. Restricting the maximum depth of mining upto 32m (30m of rough stone & 2m of topsoil) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 1,32,272 cu.m of Rough stone & 7,420 cu.m of topsoil are permitted for mining over five years.
2. The proponent shall develop green belt of minimum 3 m width all along the periphery of the proposed mining site and shall submit photographs of the green belt developed as committed during SEAC meeting before obtaining Environmental Clearance.
3. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
4. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
5. The proponent shall arrange the display boards about the mining along with the "Danger" at strategic locations warning the public not to enter the area during mining and blasting operations.
6. The proponent shall conduct annual physical fitness test and eye test for all the employees through the reputed Medical authority to ensure health & safety during occupation.
7. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
8. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.

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9. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
10. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
11. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
12. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
13. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
14. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
15. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
16. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
17. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
18. The quarrying activity shall be stopped if the entire quantity indicated in the Mining



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plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

19. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
22. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
23. All the condition imposed by the Deputy Director, Geology & Mining, Dindigul District in the mining plan approval letter RoC.No.195/2020/ mines, dated: 07.08.2020 and the precise area communication letter RoC.No.195/2020/ mines, dated: 20.07.2020 should be strictly followed.

Agenda No: 212-02 (File No: 7888/2020)

Proposed Gravel/Earth quarry lease over an extent of 4.73.0Ha at S.F.Nos. 151(P) of Vadikottai Village, Sankarankovil Taluk, Tenkasi District, Tamil Nadu by Thiru.G.Muppudathi- For Environmental Clearance.

(SIA/TN/MIN/175321/2020 dated 25.09.2020)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru.G. Muppudathi has applied for Environmental Clearance for the proposed Gravel/Earth quarry lease over an extent of 4.73.0Ha at S.F.Nos.



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151(P) of Vadikottai Village, Sankarankovil Taluk, Tenkasi District, Tamil Nadu.

- 2 The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
- 3 The production for the three years states that the total quantity of recoverable as 2,16,315 cu.m of Gravel/Earth should not exceed for the depth of mining 5 m (3m above ground Level and 2m below ground level).

Based on the documents furnished and presentation made by the Proponent, the SEAC noted that there is an uncertainty of mining mineral in the proposed mining site whether it is Earth or Gravel.

After detailed discussion the committee noted the recent verdict of the Hon'ble Madurai Bench of Madras High Court order in WP (MD) No 20903 of 2016 in its order dated 12/02/2021 has ordered the following among other things, especially point no.59.

In view of the aforesaid discussion, this Court deems it to issue the following directions:

- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining a report from authorized lab. The Department of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*
- ii. *There shall not be any quarry operation in the name of colloquial terms / local terms and any lease shall be in accordance with minerals notified under Section 3 of the MMDR Act.*
- iii. *A High Level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD, to conduct a detailed study/ survey on the possibility or the availability of the rivers and on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.*
- iv. *The Department of Geology and Mining, shall furnish the details of all the savudu*

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quarries granted so far, in the State of TamilNadu, to this Court, within a period of eight weeks from the date of receipt of a copy of this order.

- v. The details of all the savudu quarries shall also be furnished to the High Level Committee and the High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of the High Level Committee ascertaining the availability of sand in the quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this Court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.
- vi. Any quarry operations shall be permitted only by way of lease agreement, as per Article 299(I) of the Constitution of India.
- vii. The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme Court in Deepa Kumar's case, within a period of six months from the date of receipt of a copy of this order.
- viii. Whenever, SEIAA clearance is required, it shall be done only after physical inspection by deputing an officer attached to SEIAA and depending upon the report, further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.

Hence, SEAC directed the proponent to furnish report on composition of minerals issued by the laboratory under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

Also, SEAC decided to make an onsite inspection to assess the present status of the site and the water bodies nearby, by the sub-committee constituted by the SEAC.

On receipt of the certificate regarding mineral composition, and the inspection report from the sub-committee, the SEAC will further consider the proposal for appraisal.


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Agenda No: 212-03 (File No: 7608/2020)

Proposed Construction 8(a) at S.F. Nos. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1 (Part), 124/1 (Part 2 & 3), 125/1 (Part), & plot A2 in S.No. 123/1 (Part), 123/2, 123/3, 124/1 (Part), 125/1 (Part), 126, 127/2, 128/1 & 128/2 at Ramapuram Village, Maduravoyal Taluk, Chennai District, Tamil Nadu by M/s. Larsen & Turbo Limited - For Environmental Clearance.

(SIA/TN/MIS/157133/2020 dated:12.06.2020)

The proposal was appraised meeting of SEAC held on 26.12.2020. The details of the project furnished by the proponent are available on the website (parivesh.nic.in). The project proponent gave detailed presentation.

SEAC noted the following:

1. The Proponent, M/s. Larsen & Toubro Limited has applied seeking Environmental Clearance for the proposed construction of IT/ITES development at S.F.No. 119/1, 120/1, 120/2, 120/3, 121, 122, 123/1, 123/2, 123/3, 124/1, 124/2, 124/3, 125/1A1, 125/1A3, 125/1B1, 125/1B2, 126, 127/1, 128/1 & 128/2 Ramapuram Village, Maduravoyal Taluk and S.No. 2511, 2611, & 2711 of Manapakkam Village, Alandur Taluk, Chennai District, Tamil Nadu by M/s. Larsen & Toubro Limited.

2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the Project Proponent to furnish the following details:

1. The proponent shall mention only the survey numbers that pertains to the proposed construction area and change the built-up area and plot area in the application accordingly.
2. As the project site is located within 1 km from River Adyar and Ramapuram main drainage line, the proponent shall furnish the copy of NOC obtained from PWD on inundation point of view.
3. As three combined basements are proposed, the proponent shall furnish the detailed flood evacuation Plan.
4. The proponent shall furnish the proposal for treatment and disposal of Bio-degradable waste generated from the premises by bio-methanation process.
5. Standard operating procedure for the STP construction below ground level and

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prevention of accidents due to poisonous gas emissions shall be furnished.

6. Basement need to be constructed as per the guidelines suggested by PWD.

7. The proponent shall furnish a detailed note on green building concept to be adopted in the present Project.

On receipt of the aforesaid details, the proponent shall make a representation and SEAC would further deliberate on this project and decide the further course of action.

The Project proponent furnished the above said details to SEIAA-TN on 16.03.2021. The Proposal was once again placed in 212th SEAC held on 04.05.2021. Based on the presentation made and documents furnished by the Project proponent, SEAC directed the proponent to furnish following details, as the details submitted by them were not in order:

1. The project proponent shall furnish revised building plan with single basement, along with multi-level car parking on the open space instead of triple basement for parking considering that this area has been flood inundated during 2015 flood and evacuation difficulty faced by the residents of many apartments in the surrounding environment.
2. The project proponent shall furnish copy of land use conversion from wet & dry lands to commercial land obtained from the competent authority.
3. The green building concepts note submitted by the proponent did not discuss the green building concepts and found to be prepared in a hazy manner. The project proponent shall furnish the revised green building concept in detail considering the proposed project as the report submitted cannot be acceptable as it does not contain any useful green building concepts that are going to be adopted in the proposed project.

Agenda No: 212-04 (File No: 7815/2020)

Proposed Construction 8(a) at S.F.Nos.64, 65/1A, 65/1B, 65/1C, 65/1D, 65/1E, 65/1F, 65/1G, 65/1H, 65/1I, 65/1J, 65/1K, 65/1L of Chettiyaragatam, 347/1B, 347/2B2, 348/2B2 of Vanagaram, at Ramapuram Village, Maduravoyal Taluk, Chennai District, Tamil Nadu by M/s.Lokaa Housing Private Limited - For Environmental Clearance.

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(SIA/TN/MIS/170652/2020 dated: 03.09.2020)

The proposal was placed in 201st SEAC Meeting held on 12.02.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh. nic.in).


The SEAC noted the following:

1. The Proponent, M/s. Lokaa Housing Private Limited has applied for Environmental Clearance for the proposed construction of residential group development building in Survey Nos. 64, 65/1A, 65/1B, 65/1C, 65/1D, 65/1E, 65/1F, 65/1G, 65/1H, 65/1I, 65/1J, 65/1K, 65/1L of Chettiyaragaram Village, Survey Nos. 347/1B, 347/2B2, 348/2B2 of Vanagaram Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the document furnished, the committee instructed the project proponent to furnish the following details:

1. Village map and FMB sketch shall be furnished.
2. A detailed storm water drainage plan with layout shall be furnished to drain out the storm water coming from the upstream side without any hindrance by designing the storm water drainage arrangement including the main drains and sub-drains to avoid the future flood inundation in the project site
3. The proponent has directed to furnish the revised water balance sheet as per the guidelines for buildings issued by MoEF&CC.
4. Details of Rainwater harvesting system proposed should be furnished.
5. The proponent shall furnish the design details of STP and Grey water treatment system accordingly water balance shall be revised'
6. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site and the same shall be included in the layout out plan.
7. A detailed flood management plan shall be furnished with considering the 2015 flood level so as to avoid the future flood inundation in the project site


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8. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Government guidelines may be followed and report shall be furnished.

The SEAC also noted that the consultant is not doing the preparation of EIA report as well as the presentation as many lacunae were noted for example the STP treatment plant sizes were the same both for 60 KLD as well as 100 KLD. It is more cut and paste from earlier reports rather than doing the EIA or EMP in a proper way and the committee condemns this kind of practice and warned the consultant. On receipt of the above details with due diligence, the SEAC decided to direct the proponent make a re-presentation for the further course of action on the proposal.

The Project proponent furnished the above said details to SEIAA-TN on 16.03.2021. The Proposal was once again placed in 212th SEAC held on 04.05.2021. Based on the presentation made and the documents furnished by the project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions, stipulated by the MoEF&CC:

1. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
2. The project proponent shall appoint permanent medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
3. The project proponent shall provide DG set stack height as per CPCB Norms.
4. The project proponent shall continuously operate and maintain the sewage treatment plant & Grey Water Treatment plant to achieve the standards prescribed by the TNPCB/CPCB.
5. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rule, 2015, as amended for disposal of

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the E- waste generation within the premises.

- 6 The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.
- 7 The total green belt area should be minimum of 15% of the total area and the same shall not be used for car parking.
- 8 The proponent shall make proper arrangement, for the disposal of the excess treated water from the proposed site for Toilet flushing, green belt development & OSR.
- 9 The sludge generated from the sewage Treatment plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
- 10 The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
- 11 The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as committed.
- 12 The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
- 13 The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans-boundary Movement) Ruler, 2016, as amended for the generation of Hazardous waste within the premises.
- 14 No waste of any type to be disposed off in any other way other than the approved ones.
- 15 The Proponent shall provide the dispenser for the disposal of sanitary Napkins.
- 16 All the mitigation measures committed by the proponent for the flood management and to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
- 17 Solar energy should be at least 10% of total energy utilization. Application of solar



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energy should be utilized maximum for illumination of common areas, street lighting, etc.

- 18 As per the MoEF &CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities, as proposed in the CER and furnish the same before placing the subject to SEIAA.

Agenda No: 212-05 (File No: 8419/2021)

Proposed Active Pharmaceutical Ingredients (API) - 5(f) at S.F.Nos. 108/6B pt, 108/7pt, 108/8pt at Mugundharayapuram Village, Walajapet Taluk, Ranipet District, Tamil Nadu by M/s.Sthree Chemicals Private Limited - For Environmental Clearance. (SIA/TN/IND2/199135/2021 dated: 19.02.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

- 1 The Project Proponent, M/s.Sthree Chemicals Private Limited has applied for Environmental Clearance for the proposed Active Pharmaceutical Ingredients (API) - 5(f) in Survey Nos. 108/6B pt, 108/7pt, 108/8pt at Mugundharayapuram Village, Walajapet Taluk, Ranipet District, Tamil Nadu
- 2 The project project/activity is covered under chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)" of the Schedule to the EIA Notification, 2006.
- 3 Project proponent has stated that the proposed site is located in Ranipet District (Previously Vellore) which is classified as Critically Polluted Area (CEPI Index 79.38 (Vellore- North Arcot) as per O A. No 1038/201 dated: 10.07.2019) and it attracts general conditions/ specific conditions as the proposed site is located within 5 km boundary CEPI area, Ranipet stated as per MoEF Notification vide S.O.No.1599(E)dated.25.06.2014 substituted to prior Notification S.O.3067(E)

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dated, 01.12.2009.

- 4 The application has been submitted as per the Office Memorandum issued by MoEF & CC vide F.No.F.No.22-25/2020-IA.II dated: 13.04.2020 and as per S.O. 1223(E) dated: 27.03.2020, "All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 30th September 2020, shall be appraised as Category 'B2' Projects, provided that any Subsequent amendment or expansion or change in product mix, after the 30th September 2020, shall be considered as per the provisions in force at that time."
- 5 Further, the above period was extended for the up to 31.03.2021 as per the Office Memorandum issued by MoEF & CC vide S.O.3636 (E) dated.15.10.2020 and the PP has submitted the application through online on 19.02.2021.

Hence the committee has taken the project for appraisal.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. The project proponent shall maintain the Green belt area not less than 33% of the land area all along the periphery of the unit and maximum green belt shall be maintained in the down wind direction as reported. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
2. The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.
3. It is necessary to be carried out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting.
4. The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous waste (Management) Rules, 2016 for the handling and disposal of Hazardous waste to be generated.
5. As the plant operation involves the sensitive processing, the medical officer and the

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supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.

6. Necessary permission letter for the supply of water shall be obtained from the competent authority before obtaining consent from TNPCB.
7. The effluent generated from the process should be treated through the ETP to achieve the treated effluent standards prescribed by the CPCB.
8. The proponent shall ensure the zero-liquid discharge.
9. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
10. The proponent shall continuously operate and maintain the Air-pollution control measures.
11. The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
12. The proposed Solvent storage area should not be placed near by the boiler, further the proponent may submit the safety measures on the same.
13. A detail report on the safety measure and health aspects of the workers shall be submitted.
14. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.

Agenda No: 212-06 (File No: 6415/2020)

Proposed expansion of existing hospital under violation category at S.F.Nos.1020, 1027 & 1055/2, at Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s. G. Kuppuswamy Naidu Memorial Hospital - For Environmental Clearance under violation.

(SIA/TN/MIS/204022/2021 dated: 16.03.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on

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04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, M/s. G. Kuppuswamy Naidu Memorial Hospital has applied for Environmental Clearance for the proposed Construction 8(a) at S.F.Nos. 1020, 1027 & 1055/2, at Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2 - under violation" of Item 8(a) "Construction Projects" of the Schedule to the EIA Notification, 2006.
3. TOR issued vide Lr.No.SEIAA-TN/F.No.6415/Violation/ToR-79312020 dated: 17.10.2020.

Based on the direction from the SEIAA for apprising this project under violation as per the O.M of MoEF&CC dated 09.09.2019 vide minutes of the 172nd SEAC meeting on 05.09.2020, the SEAC decided to recommend to issue the Terms of Reference (ToR) to SEIAA in 3 parts for the project for assessment of Ecological damage, remediation plan and natural & community resource augmentation plan to be prepared as an independent chapter in the Environment Impact Assessment report by the Accredited consultant and also with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan to be done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET or a laboratory of Council of Scientific and Industrial Research Institutions working in the field of Environment. Subsequently, the SEIAA-TN issued Terms of Reference (TOR) for expansion of existing hospital under violation category vide Lr.No.SEIAA-TN/F.No.6415/Violation/ToR-79312020 dated: 17.10.2020.

Now the Proponent has submitted the EIA Report with	Existing (Built-up Area- Sq.m)	Expansion (Built-up Area- Sq.m)
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application for the total built- up area of 5, 06, 020 Sqm and the detailed area statement is given below. Block		
Total Plot area	42976.47	58017.8
BLOCK -A	9962.31	11418.23
BLOCK-B	10292.53	11701.45
BLOCK-C	8563.46	9972.38
BLOCK-D	2666.15	4807.97
BLOCK-E	-	6969.74
Other	11064.47	13190.43
Total Built-up area (Sq.m)	42548.92	58060.20

The proponent has also furnished the separate chapter on the Ecological Damage Assessment, Remediation Plan, Natural Resources Augmentation and Community Resource Augmentation Plan prepared by the Accredited consultant and also detail with collection and analysis of data for the assessment of ecological damage, preparation of remediation plan and natural & community resource augmentation plan done by an Environmental laboratory duly notified under the Environment (Protection) Act, 1986, accredited by NABET.

The subject was placed in this 212th meeting of SEAC held on 04.05 .2021 for appraisal for seeking Environmental clearance under violation and the proponent gave the detailed presentation about the project detail. The SEAC assed the project based on Ecological damage, remediation plan and natural & community resource augmentation plan furnished as an independent chapter in the Environment Impact assessment report prepared by the NABET consultant as per the guidelines mentioned in the MoEF& CC Notifications dated 14.03.2017 and 08.03.2018. The extract from the report is as

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follows:

Ecological Damage Assessment:

S. No.	Ecological Damage Assessment	Remediation Plan	Amount (in Lakhs)
1.	Dust/ Particulate Matter emissions from proposed expansion activity.	Isolated the construction area with flexible enclosures. Sprinkling of water was done at regular interval in the construction area and unpaved roads by truck mounted sprinklers. Proper maintenance of vehicles. The heavy vehicles moving offsite were well covered. Low sulphur fuels for transportation and for DG sets were used. Monitoring was done during construction activity.	0.55
2.	Loss of native flora and aesthetic view	Plantation of native species. Development of greenbelt all along the boundary.	
3.	1. The rain water stored at site was used for construction purpose. 2. Source of water supply from Madurai Municipal Corporation. 3. Sediment load 4. Contamination of runoff due to nonpoint source pollution. 5. Deterioration of the water channel / drain and impact on aquatic life.	Adequate toilets have been provided for construction labours and the sewage were discharged properly into soak pit through septic tank. During monsoon season runoff from construction site were routed to a temporary sedimentation tank for settlement of suspended solids. Sewage treatment plant. Proper channelization of storm water with intermediate grit chambers in the public drain with in the area. The Vicinity of the project site is frequently cleaned to remove 3 non-point sources before monsoon.	0.65


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4.	Noise generation & increase in noise level. Noise & vibration due to construction activity and operation of D.G. Set.	The work was limited to day time. Use of machineries having highest standard and comply with national standard that take care of noise and vibration. The impact due to noise was reduced by use of acoustic enclosures for machineries and personal protective measures like, earplugs, earmuffs etc.	0.25
5.	Un-manage / un-control storage of excavated soil. Losing its texture, productivity and fertility status. Chocking of drains due to surface runoff during rainy season. Change in topography and drainage pattern. Generation and storing of Hazardous waste.	The excavated top soil was used to develop the green belt within the project site. Providing an isolated leachate proof storage facility for hazardous waste.	0.10
Total Amount			1.55

Natural Resource Augmentation Plan:

S. No.	Natural Resource Augmentation Activities	Amount (in Lakhs)
1.	a) Provision of solar panel lighting in common areas.	0.70
	b) Development of avenue plantation	
Total Amount		0.70

Community Augmentation Plan:

S. No.	Community Augmentation Activities	Amount (in Lakhs)
1.	a) Installation of RO Plant for safe drinking water supply at School	0.45

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	b)Organize awareness campaign for Swachh Bharat Abhiyan, Beti Bachao Beti Padhao and Women Empowerment.	
2.	a)Organize skill development program for sustainable income generation & livelihood for the community like training on scientific agricultural practices, tailoring, embroidery, etc	0.50
	b)Provision of uniform, notebooks, study materials, computers for students and maintenance of school building.	
	c)Awareness program for reduction of plastic waste reduction / solid waste Management	
Total Amount		0.95

Corporate Environmental Responsibility:

S. No.	Corporate Environmental Responsibility Activities	Amount (in Lakhs)
	<ul style="list-style-type: none"> ● Health & Education. ● Electrification including solar power & Roads. ● Skill Development. ● Rainwater Harvesting. ● Avenue Plantation. 	25

Based on the inspection report and the violation notification, the SEAC classified the level of damages by the following criteria:

1. Low level Ecological damage:
 - a. Only procedural violations (started the construction at site without obtaining EC)
2. Medium level Ecological damage:
 - a. Procedural violations (started the construction at site without obtaining EC)
 - b. Infrastructural violation such as deviation from CMDA/local body approval.
 - c. Non operation of the project (not occupied).
3. High level Ecological damage:
 - a. Procedural violations (started the construction at site without obtaining EC)
Infrastructural violation such as deviation from CMDA/local body approval.
 - b. Under Operation (occupied).

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the



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project proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria, as per category 3, stated above.

Level of damages	Ecological remediation cost (% of project cost)	natural resource augmentati on cost (% of project cost)	community resource augmentati on cost (% of project cost)	CER (% of project cost)	Total (% of projec t cost)
Low level Ecological damage	0.25	0.10	0.15	0.25	0.75
Medium level Ecological damage	0.35	0.15	0.25	0.5	1.25
High level Ecological damage	0.50	0.20	0.30	1.00	2.00

For the project cost, the proponent has submitted the building valuation report for violated area Dated: 31.03.2020 from the Chartered Engineer (No: 51172). In that certificate it is given as follows,

* Area of additional building constructed - 2141.82 Sq.m.

* Cost of building per Sq.m. - Rs.16140.0

Sl. No	Cost of the violated building area	Value INR (in Crores)
	(Area of additional building constructed) X (Cost of building per Sq.m.) = 2141.82 X Rs. 16140.0	3.4568975

The SEAC observed that the violation project of expansion of existing hospital construction project at S.F.Nos.1020, 1027 & 1055/2, at Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, TamilNadu by M/s. G. Kuppuswamy Naidu Memorial Hospital for Environmental Clearance under violation comes under the "high level ecological damage category". The Committee decided to recommend the proposal to SEIAA for grant

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of EC subject to the following conditions in addition to the normal conditions:

1. As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited.
2. Accordingly, the amount prescribed for Ecological remediation (Rs. 1.55 lakhs), natural resource augmentation (Rs. 0.7 lakhs) & community resource augmentation (Rs. 0.95 lakhs), totaling Rs. 3.20 lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs.3.20 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the ecological damage remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
3. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
4. The amount committed by the Project proponent for CER (Rs.25 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
5. The Project proponent shall operate the STP effectively and continuously so as to achieve standards prescribed by the TNPCB for treated sewage.
6. The Project proponent shall utilize the treated sewage for the development of green belt and toilet flushing after achieving the standards prescribed by the TNPCB.
7. As per the MoEF&CC Office Memorandum F. No. 22-65/2017-IA.III dated:



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30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities of proposed CER for entire project other than the CER amount of 25 Lakhs to be remitted before the issue of Environmental clearance as imposed in the condition No.3

8. The project proponent shall develop and furnish photographs of green belt developed incorporating native species adopting Miyawaki scheme inside the proposed project site, excluding the ornamental plants before obtaining the CTO.
9. The project proponent shall furnish revised latest AAQ data & meteorological data pertaining to the proposed project site before obtaining the CTO.
10. The project Proponent shall provide OWC for disposal of bio degradable solid waste. The project Proponent shall operate the same efficiently and continuously for the disposal of the Organic waste generated from the campus. The non-bio degradable waste shall be regularly collected and disposed through TNPCB authorized recycler.
11. The Project proponent shall collect & dispose the hazardous waste through TNPCB Authorized vendors/recyclers as per the Hazardous and other wastes (Movement and Transboundary Movement), Rules 2016.
12. The Project proponent shall collect and dispose the E-Waste through TNPCB Authorized vendors/recycler as per the E-Waste Management Rules 2016.
13. Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.
14. All the mitigation measures committed by the project proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
15. Tapping of solar energy should be at least 10% of total energy consumption Solar energy usage mainly for the illumination of common areas, street lighting etc.,
16. The project proponent shall provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
17. Waste of any type not to be disposed of in any water bodies including drains.

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canals and the surrounding environment.

18. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
19. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance.

Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arise.

Agenda No: 212-07 (File No: 7268/2020)

Proposed expansion activity under violation Construction of IT/ITES at Block No.6, T.S.No.2/3, 3/2 Kanagam Village, Mambalam – Guindy Taluk, & Block No.4, T.S.No.2/1 Thiruvanmiyur Village, Mylapore – Triplicane Taluk, Chennai District, Tamil Nadu by M/s. TRIL Info Park Limited - For Environmental Clearance under violation. (SIA/TN/MIS/60318/2018 dated: 29.01.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, M/s. TRIL Info Park Limited has applied for Environmental Clearance for the Construction 8(a) at Block No.6, T.S.No.2/3, 3/2 Kanagam Village, Mambalam – Guindy Taluk, & Block No.4, T.S. No.2/1 Thiruvanmiyur Village, Mylapore – Triplicane Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 8(b) “Townships & Area Development Projects” of the Schedule to the EIA Notification, 2006.



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3 TOR issued vide Lr. No. SEIAA-TN/F.No.7268/Violation/TOR-800/2020Dt: 03.11.2020.

The Proposal was placed in 212th SEAC held on 04.05.2021. Based on the presentation made and documents furnished by the Project proponent, SEAC directed the proponent to furnish following additional details:

1. The project proponent shall revise application incorporating hotel, since the proponent has mentioned hotel for expansion activity during presentation.
2. The project proponent shall furnish revised organic waste disposal plan proposing Bio-Methanation plant. Since the proposed organic waste generation is 5 Mt/day.
3. The project proponent shall furnish adequate rain water storage sump considering highest rainfall day in past 10 years.
4. The project proponent shall furnish revised assessment as per guideline stipulated for assessing details of ecological damage, remediation plan and natural & community resource augmentation plan considering PWD rate for existing buildings.
5. The project proponent shall furnish the detailed EMP mentioning all the activities including the CER activities.
6. The project proponent has proposed the CER fund of Rs.3.75 Crores for Covid-19 management to M/s. Voluntary Health Services Hospital, Tharamani and also committed the same during SEAC meeting.

In view of the above, SEAC decided to make an onsite inspection to assess ecological damage and the present status of the site by the sub-committee constituted by the SEAC.

Agenda No: 212-08 (File No: 7316/2021)

Proposed development of Vallam - Vadagal Industrial Park -II of 131.73 Hectares (325.36 Acres) including industrial housing facility with 13 Nos. of blocks of Stilt + 10 Floors comprising 3120 units with total built up area of 2,07,547.34 Sq.m under 8(b) category at S.F. Nos. 237pt, 238, 239pt/1-133, 241pt, 242pt, 242, 247pt, 265, 266,

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267, 268pt, 269, 270 & 271, 272/1-13, 273, 274, 275/1-5, 276pt, 277pt, 278, 279/ 1-5, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301 , Vallam 'A & B' Village, Sriperumbudur Taluk , Kancheepuram District, Tamil Nadu by M/s. State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT) SIPCOT Limited - For Terms of Reference. (SIA/TN/MIS/62883/2021 dated: 26.04.2021)

Earlier, an application seeking Terms of Reference for obtaining environmental clearance was filed by the proponent M/s. State Industries Promotion Corporation of TamilNadu Limited (SIPCOT) through online (parivesh.nic.in) vide SIA/TN/MIN/60332/2021 dated 29.01.2021 for the Proposed construction of residential group development in >500 ha at S.F.No.237pt,238,239pt/1-133,241pt,242pt,242, 247pt,265, 266,267,268pt,269,270&271,272/1-13,273,274,275 /1-5,276pt, 277pt, 278, 279/1-5,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296, 297,298,299,300,301,Vallam 'A & B' Village, Sriperumbudur Taluk, Kancheepuram District.

In this connection, the said proposal seeking Terms of Reference for obtaining environmental clearance was placed for appraisal in this 204th meeting of SEAC held on 25.02.2021. Based on the presentation made and information provided by the proponent and documents furnished by the Project proponent, SEAC-TN held detailed deliberations on the project proposal of providing residential facilities for 27000 employees (Phase I & Phase II) within the premises of the Industrial Estate and noted that the total project area (Phase I and Phase II) is found to be more than 500 ha. and thus the project falls under Category A project as per the EIA notification 2006 and as amended "If the area is less than 500 ha. but contains building a and construction projects >20,000 sq.mtr. And or development area more than 50 ha it will be treated as activity listed at serial no.8(a) or 8(b) in the Schedule, as the case may be". However, as per the data provided by the proponent, the total area for both Phase I and Phase II was more than 500 ha and hence it needs to be appraised as Category "A". Hence the project was deferred. Subsequently, SEIAA -TN in SEIAA meeting 436th Dt: 30.03.2021 deferred the said application seeking Terms of Reference for obtaining environmental clearance.



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In view of the above, the proponent vide its letter dated:23.04.2021 has requested SEIAA for the withdrawal of said application seeking Terms of Reference for obtaining environmental clearance.

Now, the proponent has filed a fresh application seeking Terms of Reference through online (parivesh.nic.in) vide SIA/TN/MIS/62883/2021 dated: 26.04.2021.

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, M/s. State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT) Limited has applied for Terms of Reference for the proposed development of Vallam - Vadagal Industrial Park -II of 131.73 Hectares (325.36 Acres) including Industrial housing facility with 13 Nos. of blocks of Stilt + 10 Floors comprising 3120 units with total built up area of 2,07,547.34 Sq.m under 8(b) category at S.F.Nos. 237pt, 238, 239pt/1-133, 241pt, 242pt, 242, 247pt, 265, 266, 267, 268pt, 269, 270 & 271, 272/1-13, 273, 274, 275/1-5, 276pt, 277pt, 278, 279/1-5, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, Vallam 'A & B' Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Townships & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. EC issued vide SEIAA-TN/F.No.7316/EC/8 (b)/727/2020 dated 23.10.2020.

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

Based on the presentation made and the documents furnished by the project proponent, SEAC decided to recommend the project proposal for grant of Terms of Reference subject to the following conditions, in addition to standard conditions, stipulated by the MoEF&CC:

1. The proponent shall furnish affidavit stating the following as committed during SEAC meeting
 - a) The proposed Industrial Park -II at Vallam - Vadagal Village shall in-house Electrical

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and Electronic assembling units upto 80% & Non - Environmental Clearance attracting industries upto 20%.

b) The proposed industrial housing facility comprising 13 nos. of blocks shall in-house only 15600 Nos. of workers.

2. The proponent shall furnish proposal for adequate numbers of sanitary napkinsa disposal facility within the premises. Since, the SIPCOT facility is proposed for women workers.
3. The proponent shall submit agreement executed with E-Waste recyclers within the state to ensure proper disposal of E-Waste generated from the proposed project site.
4. The proponent shall earmark separate closed roof area for storage and handling of E-Waste categories.
5. The proponent shall furnish earmark separate area for providing adequate health centre considering nos. of workers in the proposed industrial park.
6. The proponent shall furnish the design details of the STP and Grey water treatment system after revising the water balance.
7. As per G.O. Ms. No. 142 approval from Central Ground water Authority shall beobtained for withdrawal of water and furnish the copy.
8. Commitment letter from CMWSSB for supply of water shall be furnished.
9. Copy of the village map, FMB sketch and "A" register shall be furnished.
10. Detailed Evacuation plan during emergency/natural disaster shall be submitted.
11. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
12. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
13. Details of the E-waste management plan shall be prepared as per E waste Management Rules, 2016 and shall be furnished.
14. Details of the Rainwater harvesting system with cost estimation should be furnished.

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15. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the Vallam ERI & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
16. The proposed OSR area should not be included in the activity area. The OSR area should not be taken into account for the green belt area.
17. The green belt area should not be less than 33% of the total land area of the project.
18. Cumulative impacts of the Project considering with other infrastructure developments in the surrounding environs shall be furnished.
19. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
20. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the Emission, Noise and Traffic.
21. 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 furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 212-09 (File No: 8434/2021)

Proposed Multi Coloured Granite quarry lease over an extent of 4.19.0 Ha at S.F.Nos. 467/1B(P), 468/1, 468/2B3, & 468/3 at Ramadevam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by Tvl.B.R.Granites Private Limited - For Environmental Clearance.

(SIA/TN/MIN/202634/2021 dated: 09.03.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in),.

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The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Tvl. B. R. Granites Private Limited has applied for Environmental Clearance for the proposed Multi Coloured Granite quarry lease over an extent of 4.19.0 Ha at S.F. Nos. 467/1B(P), 468/1, 468/2B3,& 468/3 at Ramadevam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:

1. Restricting the maximum depth of mining upto 8m (1m of Topsoil + 2m Weathered rock + 5m Multi Colour Granite) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 13725 cu.m of Multi Colour Granite & 7,150 cu.m of Weathered Rock & 1239 cu.m of Topsoil are permitted for mining over five years.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary board at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
4. The proponent shall conducted annual physical fitness test and eye test for the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.

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6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
9. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project Proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity.


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in consultation with DFO of the concerned district/agriculture.

17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
21. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
22. All the conditions imposed by the Director, Geology & Mining, Guindy, Chennai in the mining plan approval letter Rc.No.1555/MM2/2019, dated 27.02.2020 should be strictly followed.

Agenda No: 212 - 10 (File No: 8160/2021)

Proposed Rough Stone quarry lease over an extent of 2.00.0 Ha at S.F.Nos. 328/2 (Block-8) of Kalpadi North Village, Perambalur Taluk, Perambalur District, Tamil Nadu by M/s.Sri Vinayaka Minerals - For Environmental Clearance.

(SIA/TN/MIN/187461/2020 dated 10.12.2020)

The proposal was appraised in 206th meeting of SEAC held on 08.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation, SEAC noted the following:

1. The Project Proponent, M/s.Sri Vinayaka Minerals has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 0.71.5 Ha at S.F.Nos. 2.00.0 Ha at S.F.Nos. 328/2 (Block-8) of Kalpadi North Village, Perambalur Taluk, Perambalur District,

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Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

SEAC noted that the AD/Mines vide letter dated 12.11.2020 has reported that the 3 nos. of existing quarries with valid lease period are not in operation. After detailed discussions, the Committee directed the Proponent to furnish letter from AD/Mines detailing the last date of transport permit issued to the said quarries to decide on the category of the project (B1 or B2). On receipt of the same the Committee would further deliberate on this project and decide the further course of action.

The Project proponent furnished the above said details to SEIAA-TN on 24.03.2021. The proposal was once again placed in 212th SEAC held on 04.05.2021. Based on the presentation made and documents furnished by the Project proponent, SEAC noted that Assistant Director, Dept. of Geology and Mining, Perambalur vide Lr. Dated 12.11.2020 has stated that the within 500m radius mining area exceeds 5 ha comprising existing quarries of 3 Nos. each 1.00 ha (Non-operational due to want of EC) & proposed quarries of 3 Nos. of 4 ha. AS per O.M Dt: 12.12.2018 states that mining area exceeding 5 ha within the cluster shall be appraised as 'B1' category. In this connection, the proponent during the meeting made a complaint that the environmental clearance was issued to the File no. 7959 pertaining to the proponent Thiru. N.Prem Kumar. Rough Stone Quarry lease over an extent of 1.00.OHa at S.F.No.328/2 (Block-28) of Kalpadi (North) Village, Perambalur Taluk, Perambalur District falling within the same 500 m cluster.

In view of the above, the SEAC committee after detailed deliberation decided to go through the files available in the SEIAA office and also make a site visit, if required to verify the facts by the sub- committee constituted by the SEAC with the following committee members,

1. Thiru. V. Shanmugham.
2. Thiru.T. Murugu Subramonian.
3. Dr. R. Sivacoumar.
4. Dr. L. Elango.


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On receipt of the sub-committee report, the SEAC would further deliberate on this project and decide the further course of action.

Agenda No: 212-11 (File No: 8288/2020)

Proposed Rough Stone quarry lease over an extent of 3.24.5 Ha at S.F.Nos. 203/1, 203/2, 203/3A at Udaiyalipatti Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by M/s.Arumuga Blue Metals - For Environmental Clearance. (SIA/TN/MIN/196466/2021 dated: 04.02.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, M/s.Arumuga Blue Metals has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 3.24.5Ha at S.F.Nos. 203/1, 203/2, 203/3A at Udaiyalipatti Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC directed the proponent to furnish a detailed hydro-geological study through a reputed institution or Govt. Institution or through an accredited Hydro-geologist, considering the fact that a big water body (Chettikulam) is located within a distance of 25 m on the eastern side covering a water-spread area of 5.5 ha approx., as the mining may have a devastating effect on the water body. The proponent may also provide the details of the alignment of the garland drain proposed for the mining site.

Agenda No: 212-12 (File No: 8169/2020)

Proposed Rough Stone, Jelly & Gravel quarry lease over an extent of 4.97.0 Ha at S.F.Nos. 769/1C(P), 770/3(P), 771 & 772 (P) at Irukkandurai Part 1 Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Thiru.A.SabarishLal - For Environmental


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Clearance.

(SIA/TN/MIN/189679/2020 dated: 24.12.2020)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

- 1 The Project Proponent, Thiru. A. SabarishLal has applied for Environmental Clearance for the proposed Rough Stone, Jelly & Gravel quarry lease over an extent of 4.97.0Ha at S.F.Nos. 769/1C(P), 770/3(P), 771 & 772 (P) at Irukkandurai Part 1 Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
- 2 The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to request the SEIAA office to obtain original 500m radius approval letter from AD, Mines of Dept. Of Geology and Mining, Tirunelveli. Since, letter uploaded in the online application and letter presented during the SEAC meeting was found different. Hence, the committee requested SEIAA to refer this matter to the District collector, Tirunelveli District as well as DG (Mines), Dept. of Geology and Mining, for getting clarification.

Agenda No: 212-13 (File No: 7126/2020)

Proposed Rough Stone quarry lease over an extent of 1.40.5 Ha at S.F.Nos. 50/1, 50/2& 50/3 at Adavanapalli Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. Stonemark Engineering Pvt Ltd - For Environmental Clearance. (SIA/TN/MIN/60403/2020 dated: 02.02.2021).

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

- 1 The Project Proponent, M/s. Stonemark Engineering Pvt Ltd has applied for

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Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 1.40.5Ha at S.F.Nos. 50/1, 50/2 & 50/3 at Adavanapalli Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.

- 2 The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
- 3 TOR issued vide Lr. No. SEIAA-TN/F.No. 7126/SEAC/TOR-667/2019 Dt: 06.11.2019.
- 4 Public Hearing was conducted on 07.01.2021.

Based on the presentation made and the documents furnished by the Project Proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:

1. Restricting the maximum depth of mining up to 35m of topsoil & rough stone considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 369595cu.m of rough stone & 11920 cu.m of Topsoil are permitted for mining over five years.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary board at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
4. The proponent shall conducted annual physical fitness test and eye test for the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.

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6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
9. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall, after ceasing mining operations, undertake re- grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
16. The proponent shall develop an adequate greenbelt with native species


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on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
21. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
22. All the condition imposed by the Deputy Director, Geology & Mining, Krishnagiri District in the mining plan approval letter Rc.No.108/2019, Mines, dated: 08.07.2019 and the precise area communication letter Rc.No.108/2019, Mines,dated: 08.03.2019 should be strictly followed.

Agenda No: 212-14 (File No: 7529/2020)

Proposed Multi Coloured Granite quarry lease over an extent of 2.79.73Ha at S.F.Nos. 864/2(P), 3(P), 4(P), 5(P), 6(P), 9(P), 10(P), 12, 13 at Alambadi Village, Veda sandur Taluk, Dindigul District, Tamil Nadu by M/s.Shri Sai Sabari Enterprises - For Environmental Clearance.

(SIA/TN/MIN/60621/2020 dated: 19.02.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021.

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The details of the project furnished by the proponent are available on the website (parivesh.nic.in),.

The project proponent gave detailed presentation. SEAC noted the following:

- 1 The Project Proponent, M/s.Shri Sai Sabari Enterprises has applied for Environmental Clearance for the proposed Multi Coloured Granite quarry lease over an extent of 2.79.73Ha at S.F.Nos. 864/2(P), 3(P), 4(P), 5(P), 6(P), 9(P), 10(P), 12, 13 at Alambadi Village, Veda sandur Taluk, Dindigul District, Tamil Nadu.
- 2 The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
- 3 TOR issued vide Lr.No. SEIAA-TN/F. No.7529/SEAC/TOR-731/2020 dated 30.06.2020.
- 4 Public Hearing was conducted on 07.01.2021.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. Restricting the maximum depth of mining up to 22 m of Multi Coloured Granite considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 19,278 cu.m of Multi Coloured Granite are permitted for mining over five years.
2. The proponent shall form the proper benches as per the approved mining


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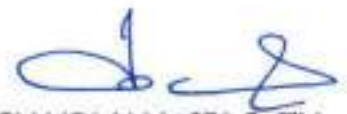
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- plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary board at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
 4. The proponent shall conducted annual physical fitness test and eye test for the employees to ensure health & safety during occupation.
 5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
 6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
 7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
 8. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
 9. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
 10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
 11. The Project proponent shall, after ceasing mining operations, undertake re- grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
 12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by



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- providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
 14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity. In consultation with DFO of the concerned district/agriculture.
 17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 18. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
 19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
 20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
 21. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.


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22. All the condition imposed by the Director, Geology & Mining, Guindy, Chennai in the mining plan approval letter Rc.No.1555/MM2/2019, dated 27.02.2020 should be strictly followed.

Agenda No: 212-15 (File No: 8301/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.85.5Ha at S.F.Nos. 765(P) at Irukandurai Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Thiru.S.Kalayasaran -For Environmental Clearance.

(SIA/TN/MIN/195800/2021 dated: 01.02.2021)

The proposal was placed for appraisal in this 212th meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in)..

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru.S.Kalayasaran has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 1.85.5Ha at S.F.Nos. 765(P) at Irukandurai Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. Restricting the maximum depth of mining upto 32m (2m Gravel & 30 m of rough stone) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 1, 41, 640 cu.m of rough stone & 16,134 cu.m of Topsoil are permitted for mining over five years.


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2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary board at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
4. The proponent shall conducted annual physical fitness test and eye test for the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
9. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt



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- and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
 14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 18. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
 19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
 20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
 21. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
 22. All the condition imposed by the Deputy Director, Geology & Mining, Tirunelveli District in the mining plan approval letter Rc.No.M1/9216/2018 Dt:02.11.2020 and the G.O. (MS). No. 169 Industries (MMC-1) dated:



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04.08.2020 should be strictly followed.

Table Agenda No: 212 - 01 (File No: 7703/2020)

Proposed construction of residential group development at S.F.Nos. 50/2A at Senneerkuppam Village, Ponamallee Taluk, Thiruvallur District, Tamil Nadu by M/s.Shobha Limited - For Environmental Clearance.

(SIA/TN/MIS/164861/2020 dated:31.07.2020)

The proposal was placed in 187th SEAC Meeting held on 27.11.2020. The project proponent gave detailed presentation. The details furnished by the Proponent are given in the Parivesh website. (parivesh.nic. in)

SEAC noted the following:

1. The Proponent M/s. Sobha Limited applied for Environment Clearance for the proposed construction of residential group development at S.F.No. 50/2A, Senneerkupam Village, Poonamallee Taluk, Thiruvallur District.
2. The project/activity is covered under Category "B" of Item 8(a) "Building & Construction Projects "of the Schedule to the EIA Notification. 2006.
3. Hard copy of the application submitted to the SEIAA office on 04.08.2020.
4. The proponent proposed to construct the residential Group development comprise of 7 Blocks(Common Basement + Ground + 5 floors) with 163 dwelling units and a club house in the total plot area of 13,257Sq.m,with built up area of 36,621.96Sq.m.

Based on the presentation made by the proponent and the documents furnished, SEAC instructed the project proponent to furnish the following documents;

1. The proponent proposed to dispose the treated sewage of 53 kLD to UGDS .SEAC suggested to obtain permission from the local body to dispose the excess treated sewage of 53 KLD into avenue plantation/to nearby park to Roadside plantation instead of disposing into UDG. Accordingly, the water balance has to be revised and submitted.
2. The proponent shall submit the "A" register to verify whether any water body/tank located at S. F.No 63 nearby the site.

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3. The proponent shall furnish the revised STP flow chart incorporating the Anoxic tank which is planned to be provided.
4. A detailed storm water plan to drain out the water coming into the site during heavy rainy period shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development.
5. The proponent shall furnish the detailed baseline monitoring data along with prediction value for CO.
6. The project proponent shall furnish the average value (Leq on dB(A) scale) of Ambient Noise Level Monitoring survey conducted for 24 hrs along with the distance from the site where the survey has been carried out.
7. The monitoring report of Ground water and surface water samples to be checked for the value of TDS, TSS & Fluorides and project proponent shall furnish all sample data collected and analyzed at project site.
8. To furnish the mechanism and provision proposed for the collection and disposal of the E waste generation from the proposed project
9. The project proponent shall revise the greenbelt area with earmarking the dimension and GPS coordinates along the boundary of the project site (minimum of 3 m width) and same shall be included in the layout plan.
10. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the revised one.

On receipt of the aforesaid details, SEAC would decide the further course of action. The Project proponent furnished details to SEIAA-TN on 15.02.2021.

The proposal was once again placed in this 205th SEAC Meeting held on 03.03.2021.

Based on the presentation made by the proponent and the documents furnished, SEAC instructed the project proponent to furnish the following documents:

1. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site at least 3 meters width and the same shall be included in the layout out plan to be submitted for CMDA/DTCP

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approval. The total green belt area should be a minimum of 15% of the total area and the same shall not be used for car parking.

2. The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
3. A detailed storm water plan to drain out the water coming into the site during heavy rainy period shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development.

On receipt of the above details, the SEAC would take further course of action on the project proposal.

The Project proponent furnished the above said details to SEIAA-TN on 05.04.2021.

The Proposal was once again place in 212nd SEAC held on 04.05.2021. Based on the presentation made and the documents furnished by the project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions, stipulated by the MoEF&CC:

1. The project proponent shall provide DG set stack height as per CPCB Norms.
2. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
3. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-waste generation within the premises.
4. The proponent shall provide total greenbelt area minimum 15% of the total area and the same shall not be used for car parking.
5. The proponent shall make proper arrangements for the disposal of the excess treated water from the proposed site for Toilet flushing, Green belt development & OSR.
6. The sludge generated from the sewage Treatment plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.

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7. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
8. The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as committed.
9. The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
10. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans-boundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
11. No waste of any type to be disposed off in any other way other than the approved ones.
12. The Proponent shall provide the disposal facility for the disposal of Sanitary napkins.
13. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
14. The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.
15. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
16. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.

Table Agenda No: 212- TA-02 (File No: 6975/2019)

Proposed Rough stone, Jelly & Gravel quarry lease over an extent of 3.92.70 Ha at S.F.No. 192(P), Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu by Thiru.C.Sugu - For Environmental clearance. (SIA/TN/MIN/59850/2019 dated: 13.01.2021)

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The proposal was placed for appraisals in this 200th meeting of SEAC held on 11.02.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation of the project. SEAC noted the following:

1. The project proponent, Thiru. C.Sugu has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease over an extent of 3.92.70Ha at S.F.Nos. 192(P) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR was issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.6975/ SEAC/TOR-678/2019 dated 11.12.2019
4. Public hearing conducted on 15.12.2020. The Minutes of the Public hearing received from TNPCB vide Lr. No. T2/TNPCB/F.26095/TNV/PH/2020/ dated: 05.01.2021
5. The project proponent submitted EIA report to SEIAA-TN on 13.01.2021.
6. Complaints have been received against the proponent
7. The production for the five years in total quantity of recoverable as 963820m³ of Rough stone and 131704m³ of Weathered Rock and 34776m³ Gravel for depth of mining is 65m below ground level.

Based on the presentation made and documents furnished by the project proponent, SEAC decided the following:

1. To seek the Member Secretary/SEIAATN to write to the Director General of Mines Safety regarding the complaints received by the Committee against the Proponent.
2. To assess the present status of the project site by making an on - the - spot



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inspection of the site by the sub-committee constituted by the SEAC.

3. Proponent shall submit the compliance report for the earlier EC issued to this project site.

On receipt of the compliance report from the proponent the subcommittee of the SEAC will inspect the site. Based on the compliance of the earlier EC and inspection report of the sub-committee, the SEAC will decide the further course of action.

As per the order Lr. No. SEAC-TN/Site Inspection/Tirunelveli/2021 dated: 04.03.2021 of the Chairman, SEAC, a Sub-Committee comprising of the SEAC Members constituted to inspect and study the field conditions for the Proposal seeking Environmental Clearance for the existing rough stone, Jelly & Gravel quarry by Thiru. C.Sugu in S.F. No. 192 (P) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu. The date of the Inspection on 07.03.2021 (Sunday).

Proposed Rough stone, Jelly & Gravel quarry lease over an extent of 3.92.70haat S.F.Nos. 192(P) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu was inspected by the sub-committee on 07.03.2021(Sunday).

Sub-Committee Observations

The Sub-Committee held detailed discussions with the proponent present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information. The photographs of the site taken at the time of site visit are presented.

1. There is no quarrying operation during the visit.
2. The fencing was not done in proper way.
3. The green belt around mines is not existing, however, there are saplings that have been planted very recently within a week's time.
4. It was observed that one of the pits has been closed with the mined- out waste materials.
5. There is no space of 7.5m each from the boundary of each mine has not been left out.
6. The proponent informed that the AD (Mines) has visited about six months back and reported that there is an excess quantity of minerals has been mined


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out from this mine more than the approved quantity and a fine has been levied for the same. The proponent was instructed to submit the letter from AD(Mines) to this effect as well as proof of payment to the Chairman SEAC as well as to the SEIAA office at the earliest and he has also agreed for the same, as he didnot have the copy of the same for submission to the subcommittee.

Sub-Committee Recommendations

1. Miyawaki scheme of plantation needs to be made surrounding the mine for a minimum width of 7.5m
2. The road leading to the mine should be made bitumen topped in order to reduce the fugitive emission.
3. After receiving the letter from AD (Mines) the SEAC would decide on further necessary action.
4. All the conditions stipulated in the ECs need to be scrupulously followed both in spirit as well as in terms of implementation.

The inspection report of the sub-committee was placed in the 209th SEAC meeting held on 09.04.2021. However, since the documents from AD mines, Tirunelveli for the quantity of minerals mined out and the actual depth of mining have not been received from the proponent by the SEIAA office, the discussion on this project is deferred to one of the ensuing meeting after the receipt of the same and a note prepared by the concerned Engineer/Scientist.

The Project proponent has furnished the above said details to SEIAA-TN On 19.03.2021 and SEAC observed that the AD(Mines) reported excess quarrying of minerals beyond the approved quantity and a fine of Rs.13.83,976/- has been levied for the same vide Collec. Notice No. M2/35490-2/209, dated, 19.08.2020. In this regard, the proponent has remitted the said fine vide challan no.50 Dt: 24.08.2020 (submitted receipt of fine remitted).

In view of the above, the proposal was again placed in 212th SEAC held on 04.05.2021. Hence the SEAC decided to defer the project proposal seeking grant of Environmental Clearance and may be placed after ascertaining whether there is a need to assess the



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Environmental & Ecological damage as per the rules, as the proponent has mined out excess quantity than the stipulated quantity, by the SEIAA authority.

Table Agenda No: 212 - TA- 03 File: 6976/2019)

Proposed Rough stone, Jelly & Gravel quarry lease over an extent of 4.98.56 Ha at S.F.Nos. 191/1(P) and 194/1(P) (New-194/1B(P)) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu by Thiru. S.Rajendran - For Environmental clearance.

(SIA/TN/MIN/59829/2019 dated: 13.01.2021)

The proposal was placed for appraisal in this 200th meeting of SEAC held on 11.02.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation of the project, SEAC noted the following:

1. The project proponent, Thiru. S.Rajendran has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease over an extent of 4.98.56Ha at S.F.Nos. 191/1(P) and 194/1(P) (New-194/1B(P)) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR was issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.6976/ SEAC/TOR-736/2020 dated 06.08.2020
4. Public hearing conducted on 15.12.2020. The Minutes of the Public hearing received from TNPCB vide Lr.No.T2/TNPCB/F.26097/TNV/PH/2020/ dated: 05.01.2021
5. The project proponent submitted EIA report to SEIAA-TN on 13.01.2021.
6. Complaints have been received against the proponent regarding excess quantity of mining.
7. The production for the five years in total quantity of recoverable as

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1229205m³ of rough stone, 56336m³ of Weathered Rock and 15270m³ Gravel for depth of mining is 65m below ground level.

Based on the presentation made and documents furnished by the project proponent, SEAC decided the following:

1. To seek the Member Secretary/SEIAATN to write to the Director General of Mines Safety regarding the complaints received by the Committee against the Proponent.
2. To assess the present status of the project site by making an on - the - spot inspection of the site by the sub-committee constituted by the SEAC.
3. Proponent shall submit the compliance report for the earlier EC issued to this project site.

On receipt of the compliance report from the proponent the subcommittee of the SEAC will inspect the site. Based on the compliance of the earlier EC and inspection report of the sub-committee, the SEAC will decide the further course of action.

As per the order Lr. No. SEAC-TN/Site Inspection/Tirunelveli/2021 dated: 04.03.2021 of the Chairman, SEAC, a Sub-Committee comprising of the SEAC Members constituted to inspect and study the field conditions for the Proposal seeking Environmental Clearance for the existing rough stone, Jelly & Gravel quarry by Thiru. S.Rajendran in S.F.No.191/1(P) and 194/1(P) (New-194/1B(P)) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu. The date of the Inspection on 07.03.2021 (Sunday).

Proposed Rough stone Jelly & Gravel quarry lease over an extent of 4.98.56ha at S.F.Nos. 191/1(P) and 194/1(P) (New-194/1B(P)) of Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu was inspected by the sub-committee on 07.03.2021(Sunday).

Sub-Committee Observations

The Sub-Committee held detailed discussions with the proponent present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information. The photographs of the site



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taken at the time of site visit are presented.

1. There is no quarrying operation during the visit.
2. The fencing was done with the warped wires.
3. The green belt around mines is not existing, however, there are saplings that have been planted very recently within a week's time.
4. It was observed that there is a mine adjacent to the mine of Mr. Rajendran and he informed that it belongs to another person. There is a pacca road for transporting the mined-out minerals existing within the mine. Both mines are merged and looks like a single mine.
5. There is no space of 7.5m each from the boundary of each mine has not been left out.
6. The proponent informed that the AD (Mines) has visited about six months back and reported that no excess quantity has been mined out from his mine than the approved quantity. The proponent was instructed to get the letter from AD (Mines) to this effect and submit the same to the Chairman SEAC as well as to the SEIAA office.

Sub-Committee Recommendations

1. Miyawaki scheme of plantation needs to be made surrounding the mine for a minimum width of 7.5m
2. The road leading to the mine should be made bitumen topped in order to reduce the fugitive emission.
3. After receiving the letter from AD (Mines) the SEAC would decide on whether the excess quantity mined out or not.
4. All the conditions stipulated in the EC is need to be scrupulously followed both in spirit as well as in terms of implementation.

The inspection report of the sub-committee was placed in the 209th SEAC meeting held on 09.04.2021. However, since the documents from AD mines, Tirunelveli for the quantity of minerals mined out and the actual depth of mining have not been received from the proponent by the SEIAA office, the discussion on this project is deferred to one of the ensuing meeting after the receipt of the same and a note prepared by the


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concerned Engineer/Scientist.

The Project proponent has furnished the above said details to SEIAA-TN on 19.03.2021 and SEAC Sub - Committee reported that the AD (Mines) has visited about six months back and reported vide Ir. Rc.No. M1/27169/2018 D: 18.03.2019 that no excess quantity has been mined out from his mine than the approved quantity.

In view of the above, the Proposal was again placed in 212th SEAC held on 04.05.2021. Hence, the SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. Restricting the maximum depth of mining up to 65 m (1m of Gravel, 4m of Weathered Rock, & 60 m of rough stone) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 15,270 cu.m of Gravel, 56336 cu.m of Weathered Rock, & 12,29,205 cu.m of rough stone are permitted for mining over five years.
2. The proponent shall form the proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary board at the entry and important locations of the mining site displaying caution notice to the public about the danger of the entering the mining lease.
4. The Project Proponent should not carry out mining below the ground water table without the NoC/permission from the Central Ground Water Authority.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map



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- showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
 9. Ground water quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
 10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
 11. The Project proponent shall, after ceasing mining operations, undertake re- grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
 12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
 13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
 14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 18. Prior clearance from Forestry & Wild Life including clearance from committee of the



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National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.

19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
20. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
21. 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 furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
22. All the condition imposed by the Deputy Director, Geology & Mining, Tirunelveli District in the mining plan approval Ir. Rc.No. M1/27169/2018 D: 13.05.2019 and the precise area communication Ir. Rc.No. M1/27169/2018 D: 08.04.2019 should be strictly followed.

Other points:

The project with S. nos. 16 (8181) could not be taken up due to paucity of time and this project would be considered in one of the forthcoming meetings.

Thanking the Chairman, Member Secretary and the Members of SEAC-TN, the 212th meeting of SEAC came to an end at 9.20 PM.

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