STATE EXPERT APPRAISAL COMMITTEE - TAMIL NADU

Minutes of the Meeting of 224th State Expert Appraisal Committee (SEAC) held on 03th August 2021 (Tuesday) at SEIAA Conference hall, 2th Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects through video conference.

Agenda No: 224-01

(File No: 8172/2020)

Proposed Rough Stone quarry lease over an extent of 1.00.0Ha at S.F.Nos. 2/1A (Part) of R.Kunnathur Village, Polur Taluk, Tiruvannamalai District, Tamii Nadu by M/s. Sakthi Durga Womens Self Help Group - For Environmental Clearance.

(SIA/TN/MIN/188961/2020, dated: 19.12.2020)

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, M/s. Sakthi Durga Womens Self Help Group has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 1.00.0Ha at S.F. Nos. 2/1A (Part) of R.Kunnathur Village, Polur Taluk, Tiruvannamalai District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 28680 cu.m of Rough Stone should not exceed for the ultimate depth of mining is 36m.

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:

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Dr. S. MOHAN Chairman

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- Restricting the maximum depth of mining upto 31m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- The proponent shall form 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.
- 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be 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 preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- Groundwater 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.

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11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 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.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

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mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.

21. All the conditions imposed by the Deputy Director, Geology & Mining, Thiruvannamalai District in the mining plan approval and the precise area communication issued by District Collector, Thiruvannamalai Districtshould be strictly followed.

Agenda No: 224-02

(File No: 8178/2020)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.82.1Ha at S.F.Nos. 245/1 (P) of Manakadavu Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. S.Subashini - For Environmental Clearance.

(SIA/TN/MIN/189701/2020, dated: 24.12.2020)

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. S.Subashini, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 0.82.1Ha at S.F. Nos. 245/1 (P) of Manakadavu Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 61020 cu.m of Rough Stone & 100332 of Gravel should not exceed for the ultimate depth of mining is 12m.

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:

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 The proponent shall form 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.

2. 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 entering the mining lease.

The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.

 Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.

 The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.

6. 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.

7. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.

8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.

 After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which have been disturbed due to their mining activities and restore the land to a condition that is fit for the

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growth of fodder, flora, fauna etc.

- 11. 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.
- 12. 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.
- 13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
- 14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
- 15. 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.
- 16. 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.
- 17. 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.
- 18. 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.
- 19. 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.
- 20. All the conditions imposed by the Deputy Director, Geology & Mining, Tiruppur District in the mining plan approval and the precise area communication issued

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by District Collector, Tiruppur Districtshould be strictly followed.

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(File No: 8181/2020)

Proposed Construction of Commercial cum Residential Development at S.F.Nos. Old S.No: 454, New S.No: 454/IA2 of Madhavaram Village, Madhavaram Taluk, Chennai District, Tamil Nadu by M/s. Sidharth Foundations and Housing Limited - For Environmental Clearance.

(SIA/TN/MIS/190135/2020, dated: 28.12.2020)

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, M/s. Sidharth Foundations and Housing Limited, has applied for Environmental Clearance for the proposed Construction of Commercial cum Residential Development at S.F.Nos: Old S.No: 454, New S.No: 454/1A2 of Madhavaram Village, Madhavaram Taluk, Chennai 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 ElA 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. The project proponent shall provide adequate capacity of sewage treatment plant & Grey Water Treatment plant as committed to achieve the standards prescribed by the TNPCB/CPCB.
- 2. The proponent shall make proper arrangements for the disposal of the treated sewage and grey water from the proposed site for toilet flushing & green belt development.

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3. 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.

4. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.

5. The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.

6. The project proponent shall provide adequate DG set stack height as per CPCB Norms.

7. The project proponent shall provide adequate capacity of organic waste convertor for the food waste within the project premises and the compost shall be utilized for developing green belt area.

8. The project proponent shall adhere to the conditions stipulated in the PWD NOC issued regarding inundation point considering 2015 flood level.

9. The proponent shall revise CER as per the MoEF &CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020in regard to revival/restoration of water bodies around the Chennai in consultation of with CE, PWD, Chennai and sanitation facilities & smart screen facilities for the Govt. Schools nearby the project site.

10. 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.

11. 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 the E-waste generation within the premises.

12. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters

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Dt. S. MOHAN Chairman SEAC - TN Chennal-15 wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum of 15% of the total area and the same shall not be used for car parking.

- 13. The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops as committed.
- 14. The proponent shall provide adequate storm water management provisions within the project site as committed.
- 15. The Proponent shall submit commitment letter for details of Solar power utilization. CER including smart class facilities for all the Govt. schools nearby Villages the proposed project site, & disposal of E- Waste to TNPCB authorized within the state.
- 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. The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the pubic usage as committed.
- 18. 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.
- 19. 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.
- 20. The Proponent shall provide the dispenser for the disposal of sanitary Napkins.
- 21. Solar energy application should be at least 10% (or) upto 15% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting, etc.

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Agenda No: 222-04

(File No: 8182/2020)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.00.0Ha at S.F.Nos. 72/1 & 79 (P), M.Palappatty Village, Salem Taluk, SalemDistrict, Tamil Nadu by Thiru.K.S.Palanisamy - For Environmental Clearance.

(SIA/TN/MIN/189945/2020, dated: 25.12.2020).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- 1. The project proponent, Thiru. K.S. Palanisamy, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.00.0 Ha at S.F. Nos. 72/1 & 79 (P), M. Palappatty Village, Salem Taluk, Salem District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 1,27,050cu.m of Rough Stone &15,640 cu.m of Gravel should not exceed for the ultimate depth of mining is 37m.

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:

- The proponent shall form 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.
- 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 entering the mining lease.
- 3. The proponent shall conduct annual physical fitness test and eye test for all the

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Dr. S. MOHAN Chairman CEAC - TN Caennai-15

employees to ensure health & safety during occupation.

 Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six

months.

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5. The Proponent shall ensure that the Noise level is monitored during mining

operation at the project site and adequate noise level reduction measures be

undertaken.

6. 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.

7. Greenbelt needs to be developed in the periphery of the mines area preferably

adopting Miyawaki scheme of atleast 3m width so that at the closure time the

trees would have grown well.

8. Groundwater quality monitoring should be conducted once every six months

and the report should be submitted to TNPCB.

9. After mining is completed, proper leveling should be done by the Project

proponent & Environmental Management Plan furnished by the Proponent

should be strictly followed.

10. The Project proponent shall strictly adhere to mine closure plan after ceasing

mining operations as committed. Also the propoenent shall undertake re-

grassing of the mining area and any other area which 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.

11. 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.

12. 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

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should be left vacant without any mining activity.

- 13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
- 14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
- 15. 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.
- 16. 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.
- 17. 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.
- 18. 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.
- 19. 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.
- 20.All the conditions imposed by the Deputy Director, Geology & Mining, Salem District in the mining plan approval and the precise area communication issued by District Collector, Salem District issued by concerned District Collector should be strictly followed.

Agenda No: 224-05

(File No: 8183/2020)

Proposed Gravel quarry lease area over an extent of 1.30.5Ha at S.F.Nos. 327/4, Kundukkai Village, Kadayampatti Taluk, Salem District, Tamil Nadu by Thiru.P.Dharmalingam - For Environmental Clearance.

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> Chairman SEAC - TN Chennai-15

(SIA/TN/MIN/189903/2020, dated: 25.12.2020).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

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- The project proponent, Thiru.P.Dharmalingam, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 1.30.5Ha at S.F.Nos. 327/4, Kundukkal Village, Kadayampatti Taluk, Salem District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 30524 cu.m of Gravel should not exceed for the ultimate depth of mining is 4m AGI & 2m BGI.

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

Inview 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 colloquia

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Iterms/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 tobe 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 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

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there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.

Hence, SEAC directed the proponent to furnish clarification from AD, Geology & Mining whether it is red earth or Gravel based on the report on the composition of minerals issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

Agenda No: 220-06

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(File No: 8192/2020)

Proposed Rough Stone quarry lease area over an extent of 1.20.0Ha at 5.F.Nos. 229 (Part-2), Pogalur Village, PernampattuTaluk, Vellore District, Tamil Nadu by Thiru.D.Chandran - For Environmental Clearance.

(SIA/TN/MIN/190329/2020, dated: 30.12.2020).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 0 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. D.Chandran, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.20.0Ha at S.F.Nos. 229 (Part-2), PogalurVillage, PernampattuTaluk, Vellore District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 18,277cu.mof Rough Stone should not exceed for the ultimate depth of mining is 20m.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that the proponent has wrongly uploaded details pertaining to the applicant Thiru. P. Aravinthkumar for the proposed Rough stone quarry lease area

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over an extent of 1.20.0Ha at S.F.Nos. 229 (Part-2), PogalurVillage, PernampattuTaluk, Vellore District, Tamil Nadu. Hence, SEAC decided to direct the proponent to upload the documents pertaining to the applicant Thiru. D.Chandran, for the proposed Rough stone quarry lease area over an extent of 1.20.0Ha at S.F.Nos. 229 (Part-2), PogalurVillage, PernampattuTaluk, Vellore District, Tamil Nadu.

Hence, after the receipt of the above the proponent would be called for the representation in any one of the ensuing meeting of SEAC after verification.

Agenda No: 224-07

(File No: 8204/2020)

Proposed Black Granite quarry lease area over an extent of 1.08.5Ha at S.F.Nos. 816/1,817/2, 817/3, 817/4, 817/5, 817/7, 819/20 & 819/24A, Iruthukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru. R.VishalChahal

- For Environmental Clearance.

(SIA/TN/MIN/190540/2020, dated: 30.12.2020).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. R.VishalChahal, has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 1.08.5Ha at S.F.Nos. 816/1, 817/2, 817/3, 817/4, 817/5, 817/7, 819/20 & 819/24A, Iruthukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable is 30% as 5970 cu.m of Black Granite should not exceed for the ultimate depth of mining is 12m from the existing pit depth of 19m.

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

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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:

- Restricting the maximum depth of mining upto 12m from existing pit depth of 19m) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- 2. The proponent shall obtain NOC from the DFO, since the Noganur RF is located within 200m from the proposed mining site.
- The proponent shall form 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 board at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
- 5. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 8. 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.
- 9. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the

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MEMBER SECRETARY

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R. KANNAN Member Secretary SEAC - TN Chennal-15 CHAIRMAN

SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15



trees would have grown well.

- 10. Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 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

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN

Chennai-15

CHAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN Chennai-15

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. 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 Deputy Director, Geology & Mining, Krishnagiri District in the mining plan approval and the precise area communication issued by District Collector, Krishnagiri Districtshould be strictly followed.

Agenda No: 224-08

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(File No: 8205/2020)

Proposed Rough Stone quarry lease area over an extent of 1.64.50Ha at S.F.Nos. 22/1 (Part), Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru.V.Durairaj - For Environmental Clearance.

(SIA/TN/MIN/190716/2020, dated: 31.12.2020).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.V.Durairaj, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.64.50Ha at S.F.Nos. 22/1 (Part), Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu.

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

3. The production for the five years states that the total quantity of recoverable as

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SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN

Chairman

SEAC - TN

Chennai-15



1,03,535cu.m of Rough Stone should not exceed for the ultimate depth of mining is 18m.

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 proponent shall provide safety distance of 25m on the southern side in regard to the Vari passing through the lease applied area at a distance of 16m.
- 2. The proponent shall form 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.
- 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be 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.
- Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- 9. Groundwater quality monitoring should be conducted once every six months

MEMBER SECRETA SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOhad Chairman SEAC - TN Chennai-15

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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.

MEMBER SECRETARY

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R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

> Dit 3. MOHAN Chairman SEAC - TN Chennai-15

- 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.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.
- 21. All the conditions imposed by the Deputy Director, Geology & Mining, Perambalur District in the mining plan approval and the precise area communication issued by District Collector, Perambalur District should be strictly followed.

AgendaNo:224-09

(FileNo: 8208/2020)

Proposed Rough Stone quarry lease over an extent of 1.74.5Ha at S.F.Nos.97/1 (P) of Kottaiyur village, Thuraiyur Taluk, Tiruchirapalli District, Tamil Nadu by Thiru.R.Elayaraja - For Environmental Clearance.

(SIA/TN/MIN/191065/2021, dated: 02.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru.R. Elayaraja, has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.74.5Ha at S.F.Nos.97/1(P) of Kottaiyur village, Thuraiyur Taluk, Tiruchirapalli District .Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 2,16,925cu.m of Rough Stone should not exceed for the ultimate depth of mining is 46m.

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN Chiernai-15 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:

- Restricting the maximum depth of mining from 40m for rough stone considering
 the environmental impacts due to the mining, safety of the working personnel
 and following the principle of the sustainable mining are permitted for mining
 over five years.
- 2. The proponent shall provide smart screen and sanitation facilities to the nearby Govt. Schools as CER activity as committed.
- 3. The proponent shall form 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 board at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
- 5. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- 6. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- 7. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 8. 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.
- 9. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennal-15 CHAIRMAN

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trees would have grown well.

- 10. Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 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

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

SEAC - TN Chennai-15

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. 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 Deputy Director, Geology & Mining, Thiruchirapalli District in the mining plan approval and the precise area communication issued by District Collector, Thiruchirapalli District should be strictly followed.

Agenda No: 222-10 (File No: 8218/2020)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.95.0Ha at S.F.Nos. 617/2 of Rasingapuram Village, Bodinaickanur Taluk, Theni District, Tamil Nadu by Thiru. S.Nagaraj- For Environmental Clearance.

(SIA/TN/MIN/190702/2020, dated: 07.01.2021)

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. S.Nagaraj, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.95.0Ha at S.F.Nos. 617/2 of Rasingapuram Village, Bodinaickanur Taluk, Theni District, Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 101000 cu.m of Rough Stone, 13224 cu.m of Weathered Rock and 21830 cu.m

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SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN

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br. S. MOHAM Chairman SEAC - TN Chennai-15

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of Gravel should not exceed for the ultimate depth of mining is 45m 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 stipulated by the MoEF & CC:

- 1. Restricting the maximum depth of mining upto 35m of rough stone considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- 2. The proponent shall form 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be 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 preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the

SEAC -TN

R. KANNAN Member Secretary

SEAC - TN Chennal-15 CHAIRMAN SEAC- TN

> Chairman SEAC - TN Chennai-15

trees would have grown well.

- Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chempai-15 CHAIRMAN

SEAC- TN

Uli S. MuñAs Chairman "SEAC - TN Chennai-15

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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.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.
- 21. All the conditions imposed by the Deputy Director, Geology & Mining, Theni Districtin the mining plan approval and the precise area communication issued by District Collector, Theni District should be strictly followed.

Agenda No: 222-11

(File No: 8223/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.95.0Ha at S.F.Nos. 54/2 (P) & 55/1A (P) of Kurippankulam Village, Eral Taluk, Thoothukudi District, Tamil Nadu by Tvl. A.V.J.Trading Company - For Environmental Clearance. (SIA/TN/MIN/191648/2021, dated: 06.01.2021)

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- 1. The project proponent, Tvl. A.V.J.Trading Company, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.95.0Ha at S.F.Nos. 54/2 (P) & 55/1A (P) of Kurippankulam Village, Eral Taluk, ThoothukudiDistrict, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 287376cu.m of Rough stone should not exceed for the ultimate depth of mining is 52m.

MEMBER SECRETARY

R KANNAN Member Secretary SEAC - TN Chennal-15

SEAC -TN

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CHAIRMAN SEAC- TN Dr. S. MOHAN

Chairman SEAC - TN Chennai-15 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 40m of rough stone, gravel,& earth considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- 2. The proponent shall periodically rehabilitate the water bodies/canal around/nearby the proposed mining site at its own cost in consultation with the competent authority.
- 3. The proponent shall form 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 board at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
- 5. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- 6. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- 7. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 8. 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.

9. Greenbelt needs to be developed in the periphery of the mines area preferably

MEMBER SECRETARY

SEAC -TN

R. KANNAN Chennai-15

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adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.

- Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

MEMBÉR SÉCRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN Chairnai-15

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. 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 Deputy Director, Geology & Mining, Thoothukudi District in the mining plan approval and the precise area communication issued by District Collector, Thoothukudi District should be strictly followed.

Agenda No: 224-12

(File No: 8225/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 4.50.70Ha at S.F.Nos. 185/1A(P), 185/2B1, 192/2 & 194/2, Pungampadi (West) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Tvl.SSM Blue Metals - For Environmental Clearance.

(SIA/TN/MIN/191004/2021, dated: 02.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

 The project proponent, Tvl.SSM Blue Metals, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 4.50.70Ha at S.F.Nos. 185/1A(P), 185/2B1, 192/2 & 194/2, Pungampadi (West) Village, Aravakurichi Taluk, Karur District Tamil Nadu.

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Chairman SEAC - IN Chennai-15

- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 738148 cu.m of Rough Stone &37664 cu.m of Gravel should not exceed for the ultimate depth of mining is 37m below ground level.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that the proponent has illegally mined out the Kallan kuthu area at SF.No. 193 Pungampadi (West) VillageAravakurichi Taluk, Karur District. In this connection, the SEAC deffered the proposal and directed the proponent to furnish letter from AD. Geology & mining regarding details along with copy of penalty levied & receipt of penalty paid for excess mined out rough stone quantity in Kallan kuthu area of 0.27 ha at SF.No.193 Pungampadi (West) Village, Aravakurichi Taluk, Karur District, Tamil Nadu.

Agenda No: 224-13

(File No: 8228/2021)

Proposed Quartz & Feldspar quarry lease area over an extent of 1.88.0Ha at S.F.Nos. 175/2, Kodanthur (North) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Tmt.G.Balamani - For Environmental Clearance.

(SIA/TN/MIN/191156/2021, dated: 04.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- 1. The project proponent, Tmt.G.Balamani, has applied for Environmental Clearance for the proposed Quartz & Feldspar quarry lease area over an extent of 1.88.0Ha at S.F.Nos. 175/2, Kodanthur (North) Village, Aravakurichi Taluk, Kazur District ,Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

MEMBER SECRETAR SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN Chennai-15

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3. The production for the five years states that the total quantity of recoverable as 18673 cu.m of Quartz &6224 cu.m Feldspar should not exceed for the ultimate depth of mining is 14m 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 stipulated by the MoEF & CC:

- 1. The proponent shall form 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.
- 2. 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 entering the mining lease.
- 3. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- 4. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- 5. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 6. 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.
- 7. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- 8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.

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CHAIRMAN

SEAC- TN Dr. S. MOHAN SEAC - TN

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- After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
- 10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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.
- 11. 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.
- 12. 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.
- 13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
- 14. The project proponent shall conduct pulmonary function test (PFT) for all employeesat regular intervals.
- 15. The occupational health team can provide your company with onsite silica medical surveillance examinations to ensure OSHA compliance with respirable crystalline silica standard and protect your employees.
- 16. The project proponent shall conduct chest X-ray for all employees.
- 17. The Ambient silica analysis needs to be carried out once in six months and report the same to SEIAA.
- 18. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
- 19. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining

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SEAC- TN

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activity, in consultation with DFO of the concerned district/agriculture.

20. 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.

21. 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.

22. 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.

23. 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.

24.All the conditions imposed by the Deputy Director, Geology & Mining, Karur District in the mining plan approval and the precise area communication issued by District Collector, Karur District should be strictly followed.

Agenda No: 224-14

(File No: 8235/2021)

Proposed Gravel quarry lease area over an extent of 1.84.0Ha at S.F.Nos. 302/2 & 302/3, Manganur Village, Gandharvakottai Taluk, Pudukottai District ,Tamil Nadu by Thiru.Edward Tennyson - For Environmental Clearance.

(SIA/TN/MIN/192689/2021, dated: 12.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

 The project proponent, Thiru. Edward Tennyson, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 1.84.0Ha

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SEAC- TN D. M. WOHAM Chairman

SEAC - TN Chennai-15

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at S.F.Nos. 302/2 & 302/3, Manganur Village, Gandharvakottai Taluk, Pudukottai District, Tamil Nadu.

- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 25,654 cu.m of Gravel should not exceed for the ultimate depth of mining is 2m 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 stipulated by the MoEF & CC:

- The proponent shall form 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.
- 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 entering the mining lease.
- 3. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- 4. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 6. 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.
- 7. Greenbelt needs to be developed in the periphery of the mines area preferably

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adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.

8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.

9. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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.

11. 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.

12. 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.

13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.

14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.

15. 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.

16. 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.

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

> Dr. S. MOHAN Chairman SEAC - TN Chennal-15

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- 17. 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.
- 18. 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.
- 19. 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.
- 20.All the conditions imposed by the Deputy Director, Geology & Mining, Pudukottai District in the mining plan approval and the precise area communicationissued by District Collector, Pudukottai Districtshould be strictly followed.

Agenda No: 224-15

(File No: 8242/2021)

Proposed Rough Stone quarry lease area over an extent of 0.70.5Ha at \$.F.Nos. 276/6,

Neikonam Village , Thirumayam Taluk, Pudukottai District, Tamil Nadu by

Tmt.5.BabyShalini - For Environmental Clearance.

(SIA/TN/MIN/193708/2021, dated:18.01.2021).

The proposal was placed for appraisal in this 224thmeeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Tmt. S.BabyShalini, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.70.5Ha at S.F.Nos. 276/6, Neikonam Village, Thirumayam Taluk, Pudukottai District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

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R, KANNAN Member Secretary SEAC - TN Chennai-15 R KANNAN ""MAMAIAHO" "TABAS

> Dr. S. MOHAN Chairman SEAC - TN Chennai-15

3. The production for the five years states that the total quantity of recoverable @ 95% as 123540 cu.m of Rough Stone, should not exceed for the ultimate depth of mining is45m 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 stipulated by the MoEF & CC:

- Restricting the maximum depth of mining upto 40m of rough stone considering
 the environmental impacts due to the mining, safety of the working personnel
 and following the principle of the sustainable mining are permitted for mining
 over five years.
- 2. The proponent shall form 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be 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 preferably

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SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 HAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN Chennai-15

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adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.

- Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of the mining area and any other area which 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.

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R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

> Dr. O. MOHAN Chairman SCAC - TN Chennal-15

- 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.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.
- 21. All the conditions imposed by the Deputy Director, Geology & Mining, Pudukottai District in the mining plan approval and the precise area communication issued by District Collector, Pudukottai District should be strictly followed.

Agenda No: 224-16

(File No: 8245/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 3.40.5Ha at S.F.Nos. 64/3A, 64/3B, 64/3D, 65/2A, 65/2B, 65/3A, 65/6, 66/IA1, 66/IA2, 66/IB2, 66/2A2, 66/2B1, 66/2B2,67/3A1, 65/3B1, 65/3B2, 66/IB1, 66/2A1, 64/6A, 64/7A, 64/6B, 64/7B, Sundakottal Village, Aruppukottal Taluk, Virudhunagar District, Tamil Nadu by Thiru. M.Thiruvappu - For Environmental Clearance.

(SIA/TN/MIN/193690/2021, dated: 18.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

 The project proponent, Thiru. M.Thiruvappu, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 3.40.5Ha at S.F.Nos. 64/3A, 64/3B, 64/3D, 65/2A, 65/2B, 65/3A, 65/6, 66/1A1, 66/1A2, 66/1B2, 66/2A2, 66/2B1, 66/2B2,67/3A1, 65/3B1,

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Dr. S. MOHAN
Chairman
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65/3B2, 66/1B1, 66/2A1, 64/6A, 64/7A, 64/6B, 64/7B, Sundakottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.

- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 502843cu.m of Rough Stone and 10262cu.m of Gravel should not exceed for the ultimate depth of mining is 47m below ground level.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted from the KML file of the proposed mining site and the 500 m radius from the proposed mining site issued by AD, Geology & Mining lettler Dt:13.01.2021 does not cover abandoned and proposed mining quarries of 1) S.K Subbha Reddiyar, at SF.No. 46/1,46/2,46/3,& 46/4 of Sundakottai Village, Aruppukottai Taluk, Virudhunagar District& 2) T.R. Varadharajan at SF.No. 48/12, 48/13, 48/14, 50/2, 50/3, 50/4, 50/5, 50/6 & 50/11 of Sundakottai Village, Aruppukottai Taluk, Virudhunagar District. Hence, the proponent is directed to furnish revised 500m radius letter from AD, Geology and Mining, Virudhunagar District considering all the abandoned, existing, proposed mining sites within the 500m radius so as to confirm whether it is falling under cluster.

Agenda No: 224-17 (File No: 8246/2021)

Proposed Red Earth & Pebbles quarry lease area over an extent of 1.91.5Ha at S.F.Nos. 132/1, 132/3, 132/4 & 132/29. Alathur Village, Marakkanam Taluk, Viluppuram District Tamil Nadu by Thiru.T.K.Kumar - For Environmental Clearance.

(SIA/TN/MIN/193082/2021, dated: 14.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

 The project proponent, Thiru.T.K.Kumar, has applied for Environmental Clearance for the proposed Red Earth & Pebblesquarry lease area over an extent

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R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN

of Earth & Pebbles quarry lease area over an extent of 1.91.5Ha at S.F.Nos. 132/1, 132/3, 132/4 & 132/29, Alathur Village, Marakkanam Taluk, Viluppuram District, Tamil Nadu.

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

The EIA Coordinator of this proposed mining site has informed that the proponent is absent for the presentation/appraisal for this SEAC meeting since the proponent is undergoing treatment for covid-19. Therefore EIA coordinator requested the SEAC to grant permission for presentation/appraisal in any one of the forthcoming SEAC meeting. In this regard, SEAC accepted the request of the proponent and SEAC decided to take up for the proposal for appraisal in any one of the forthcoming SEAC meetings after the receipt of intimation from the proponent side.

Agenda No: 224-18

(File No: 8247/2021)

Proposed Red Earth & Pebbles quarry lease area over an extent of 1.33.5Ha at S.F.Nos. 138/2, (Nothern part) Alathur Village, Marakkanam Taluk, Viluppuram District Tamil Nadu by Thiru.T.K.Kumar - For Environmental Clearance.

(SIA/TN/MIN/193032/2021, dated: 14.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru.T.K.Kumar, has applied for Environmental Clearance for the proposed Red Earth & Pebblesquarry lease area over an extent of Earth & Pebbles quarry lease area over an extent of 1.91.5Ha at S.F.Nos. 138/2 (Northern part), Alathur Village, Marakkanam Taluk, Viluppuram District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

The EIA Coordinator of this proposed mining site has informed that the proponent is

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> Dr. S. MOHAN Chairman C - TN

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absent for the presentation/appraisal for this SEAC meeting since the proponent is undergoing treatment for covid-19. Therefore EIA coordinator requested the SEAC to grant permission for presentation/appraisal in any one of the forthcoming SEAC meeting. In this regard, SEAC accepted the request of the proponent and SEAC decided to take up for the proposal for appraisal in any one of the forthcoming SEAC meeting after the receipt of intimation of reason for his absence for the meeting from the proponent side.

Agenda No: 224-19

(File No: 8248/2021)

Proposed Gravel quarry lease area over an extent of 1.33.5Ha at S.F. Nos.351/6, 7, 8, 9, 10, 11, 352/1B (P), 5, 6, 8, 9, 10, 11, 13 (P), 14 (P), 15A, 20 (P), 354/1, 4, 7 & 357/15A , Kollanur Village, Gummidipoondi Taluk, Tiruvallur District Tamil Nadu by Thiru. D.Ramaraj - For Environmental Clearance.

(SIA/TN/MIN/193665/2021, dated: 18.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- 1. The project proponent, Thiru. D.Ramaraj, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 1.33.5Ha at S.F. Nos.351/6, 7, 8, 9, 10, 11, 352/1B (P), 5, 6, 8, 9, 10, 11, 13 (P), 14 (P), 15A, 20 (P), 354/l, 4, 7 & 357/15A, Kollanur Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the ElA Notification, 2006.
- 3. The production for the six months states that the total quantity of recoverable as 14978 cu.m of Gravel should not exceed for the ultimate depth of mining is 4m above 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

SEAC -TN

R. KANNAN Member Secretary SEAC - TN

CHAIRMAN SEAC- TN

SEAC - TN Chennal-15 Environmental Clearance subject to the following conditions. In addition to standard conditions stipulated by the MoEF & CC:

- The proponent shall form 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.
- 2. 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 entering the mining lease.
- 3. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
- Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
- 5. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
- 6. 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.
- 7. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- 8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
- After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
- 10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake re-

MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. S. Chairman SEAC - TN Chennai-15

- grassing of the mining area and any other area which 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.
- 11. 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.
- 12. 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.
- 13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
- 14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
- 15. 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.
- 16. 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.
- 17. 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.
- 18. 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.
- 19. 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.

MEMBER SECRETAR

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN Chairman SEAC - TN On Jonah 15

20.All the conditions imposed by the Deputy Director, Geology & Mining, Tiruvallur District in the mining plan approval and the precise area communication issued by District Collector, Tiruvallur District should be strictly followed.

Agenda No: 224-20

(File No: 8251/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 2.24.5Ha at S.F.Nos 664/ID(P), 664/IF(P), 664/IG(P), 664/IH(P) and 665/IIB of Uranganpatti Village. Melur Taluk, Madurai District Tamil Nadu by Tmt. R.Hemalatha - For Environmental Clearance.

(SIA/TN/MIN/193889/2021, dated:19.01.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- 1. The project proponent, Tmt. R.Hemalatha, has applied for Environmental Clearance for the proposed Rough stone& Gravel quarry lease area over an extent of 2.24.5Ha at S.F. Nos. 664/1D(P), 664/1F(P), 664/1G(P), 664/1H(P) and 665/11B of Uranganpatti Village, Melur Taluk, Madurai District Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the ten years states that the total quantity of recoverable as 110705cu.m of Rough Stone, 51246 cu.m of Weathered Rock & 34164 cu.mof Gravel should not exceed for the ultimate depth of mining is 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

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MEMBER SECRETARY

SEAC -TN

R. KANNAN Member Secretary SEAC - TN Chennai-15 CHAIRMAN SEAC- TN

Dr. S. MOHAN
Chairman
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Environmental Clearance subject to the following conditions. In addition to standard conditions stipulated by the MoEF & CC:

- Restricting the maximum depth of mining upto 15m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- 2. The proponent shall form 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be 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 preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- 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

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proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 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.

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- 20.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.
- 21. All the conditions imposed by the Deputy Director, Geology & Mining, Madurai District in the mining plan approval and the precise area communication issued by District Collector, Madurai District should be strictly followed.

Agenda No: 224-21

(File No: 8550/2021)

Proposed Rough Stone, & Gravel quarry lease area over an extent of 2.46.0Ha at S.F. Nos. 626(P) & 627(P) of Irukkandurai Part – I Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu by Thiru. G.Ramasamy - For Environmental Clearance.

(SIA/TN/MIN/210796/2021, dated: 03.05.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. G.Ramasamy, has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease area over an extent of 2.46.0Ha at S.F.Nos 626(P) & 627(P) of Irukkandurai Part – I Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 403000 cu.m of Rough Stone. 18524 cu.m of Weathered Rock & 38588 cu.m of Gravel should not exceed for the ultimate depth of mining is 48 m below ground level.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that Kudankulam nuclear power plant (3.9) was nearby the

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proposed mining site. Hence, SEAC directed the proponent to furnish the following additional particulars

- NOC from the authorized signatory of Kudankulam project, since the project is nearby Kudankulam nuclear power plant site.
- ii. Study report on impact of marine ecology of flora and fauna considering movement of turtles during reproduction period due proposed mining activity. Since proposed mining site is approximately at a distance of 2 km from the sea.

Agenda No: 224-22

(File No: 7743/2020)

Proposed Rough Stone quarry lease over an extent of 0.73.5Ha at S.F Nos.153/7A1B1, Veerappatti Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu by Thiru. K.Manickam - For Environmental Clearance

(SIA/TN/MIN/168510/2020, dated: 17.08.2020).

The proposal was placed for appraisal in this 190th meeting of SEAC held on 26.12.2020. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. K.Manickam, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.73.5Ha at S.F Nos.153/7A1B1, Veerappatti Village, Illuppur Taluk, Pudukkottai District Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 16200 cu.m of Rough Stone should not exceed for the ultimate depth of mining is 22m below ground level.

During Presentation, it was informed by the EIA Consultant that the project site was visited by the EIA Coordinator. Whereas the EIA Coordinator (mines) informed the Committee that he has not visited the site. Hence SEAC instructed the Consultant not

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to furnish EIA/EMP report without visiting the project site by the EIA co-ordinator and misguide the committee, and directed the Proponent to make re- presentation of the project to decide on the further course of action.

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

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 from 22m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- 2. The proponent shall form 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be undertaken.
- 7. The proponent shall erect fencing all around the boundary of the proposed area

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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 preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.

9. Groundwater 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 strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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.

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- 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.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.
- 21. All the conditions imposed by the Deputy Director, Geology & Mining. Pudukottai District in the mining plan approval and the precise area communication issued by District Collector, Pudukottai District should be strictly followed.

Agenda No: 224-23

(File No: 7754/2020)

Proposed Rough Stone quarry lease over an extent of 1.50.0Ha at S.F Nos. 106 (Part - IV), Palapatti Village, Vazhappadi Taluk, Salem District, Tamil Nadu by Thiru. A.Rajarajacholan - For Environmental Clearance

(SIA/TN/MIN/166804/2020, dated:06.08.2020).

The proposal was placed for appraisal in this 190th meeting of SEAC held on 26.12.2020. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

The SEAC noted the following:

 The project proponent, Thiru. A. Rajarajacholan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of

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1.50.0Ha at S.F Nos. 106 (Part -IV). Palapatti Village, Vazhappadi Taluk, Salem District Tamil Nadu.

- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 300650 cu.m of Rough Stone should not exceed for the ultimate depth of mining is 22m below ground level.

During Presentation, it was informed by the EIA Consultant that the project site was visited by the EIA Coordinator. Whereas the EIA Coordinator (mines) informed the Committee was not visited by him. Hence SEAC instructed the Consultant not to furnish EIA/EMP report without visiting the project site by the EIA co-ordinator and misguide the committee, and directed the Proponent to make re-presentation of the project to decide on the further course of action.

The proposal was again placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

During appraisal the EIA Co-coordinator & the proponent informed that now the proposed mining site falls under cluster, since existing and proposed mining area in the 500m radius is > 5 ha and requested the SEAC committee to consider the this application for issue of TOR. In this regard, SEAC accepted the request of the EIA Coordinator and the proponent and allowed them for further presentation.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of reference for EIA study for mining projects and details issued by the MoEF & CC to be included in EIA/EMP report:

- 1. A detailed study of the lithology of the mining lease area shall be furnished.
- 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

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the surrounding area as well as for safe mining.

- 3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
- 4. The Project Proponent shall conduct the hydro-geological study to assess the impact considering the contour map of the ground water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD.
- 5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
- 6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
- 7. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area& 300m buffer zone and its management during mining activity.
- 8. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality, & flora/fauna including traffic/vehicular movement study to assess the cumulative impact of the proposed project on the environment and in order to propose Environment management plan including CER activities proposed with implementation and cost estimation details, considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC accordingly.
- 9. 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

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- 10. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity.
- 11. A detailed mining closure plan for the proposed project shall be submitted.
- 12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
- 13. The Ambient silica analysis needs to be carried out once in six months and report the same to SEIAA.
- 14. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
- 15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted/to be planted with a copy of photos/documents of the existing green belt, and be included in the EIA Report.
- 16. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area at least with a width of 3m.

Agenda No: 224-24

(File No: 7763/2020)

Proposed Rough Stone quarry lease over an extent of 1.50.0Ha at S.F Nos. 106 (Part -

II), Palapatti Village, Vazhappadi Taluk, Salem District, Tamil Nadu by Thiru.

K. Venkatraman - For Environmental Clearance

(SIA/TN/MIN/166929/2020, dated:07.08.2020).

The proposal was placed for appraisal in this 190th meeting of SEAC held on

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26.12.2020. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. K.Venkatraman, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.50.0Ha at S.F Nos. 106 (Part -IV), Palapatti Village, Vazhappadi Taluk, Salem District Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- The production for the five years states that the total quantity of recoverable as 302716 cu.m of Rough Stone should not exceed for the ultimate depth of mining is 22m below ground level.

During Presentation, it was informed by the EIA Consultant that the project site was visited by the EIA Coordinator. Whereas the EIA Coordinator (mines) informed the Committee was not visited by him. Hence SEAC instructed the Consultant not to furnish EIA/EMP report without visiting the project site by the EIA co-ordinator and misguide the committee, and directed the Proponent to make re- presentation of the project to decide on the further course of action.

The proposal was again placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

During appraisal the EIA Co-coordinator & the proponent informed that now the proposed mining site falls under cluster, since existing and proposed mining area in the 500m radius is > 5 ha and requested the SEAC committee to consider the this application for issue of TOR. In this regard, SEAC accepted the request of the EIA Coordinator and the proponent and allowed them for further presentation.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR in addition to the standard terms of

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reference for EIA study for non-coal mining projects and details issued by the MoEF & CC to be included in EIA/EMP report:

- 1. A detailed study of the lithology of the mining lease area shall be furnished.
- 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.
- The proponent shall furnish photographs of adequate fencing, green beit along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
- 4. The Project Proponent shall conduct the hydro-geological study to assess the impact considering the contour map of the ground water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD.
- 5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
- 6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
- 7. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area& 300m buffer zone and its management during mining activity.
- 8. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality, & flora/fauna including traffic/vehicular movement study to assess the cumulative impact of the proposed project on the environment and in order to propose Environment management plan including CER activities

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proposed with implementation and cost estimation details, considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF& CC accordingly.

- 9. 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.
- 10. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity.
- 11. A detailed mining closure plan for the proposed project shall be submitted.
- 12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
- 13. The Ambient silica analysis needs to be carried out once in six months and report the same to SEIAA.
- 14. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
- 15. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted/to be planted with a copy of photos/documents of the existing green belt, and be included in the EIA Report.
- 16. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area at least with a width of 3m.

Agenda No: 224-25

(File No: 7793/2020)

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Dr. S. MOHAN Chairman SEAC - TN Channai-15

Proposed Rough Stone quarry lease over an extent of 2.00.0Ha at S.F Nos. 43 (Block 2), Alangili Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Thiru. P.Senthilkumar - For Environmental Clearance

(SIA/TN/MIN/166923/2020, dated:01.09.2020).

The proposal was placed for appraisal in this 190th meeting of SEAC held on 26.12.2020. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. P.Senthilkumar, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 2.00.0Ha at S.F. Nos. 43 (Block 2). Alangili Village, Perambalur Taluk, Perambalur District Tamil Nadu.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 434040 cu.m of Rough Stone should not exceed for the ultimate depth of mining is 15m above ground level and 45m below ground level.

During Presentation, it was informed by the EIA Consultant that the project site was visited by the EIA Coordinator. Whereas the EIA Coordinator (mines) informed the Committee was not visited by him. Hence SEAC instructed the Consultant not to furnish EIA/EMP report without visiting the project site by the EIA co-ordinator and misguide the committee, and directed the Proponent to make re-presentation of the project to decide on the further course of action.

The proposal was again placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

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

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conditions stipulated by the MoEF & CC:

- Restricting the maximum depth of mining upto 15m above ground level and 25 m below ground level considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.
- The proponent shall form 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 entering the mining lease.
- 4. The proponent shall conduct annual physical fitness test and eye test for all 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 TNPCB 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 be 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 preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
- 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

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should be strictly followed.

11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoenent shall undertake regrassing of the mining area and any other area which 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 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.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 as proposed in the CER and furnish the same before placing the subject to SEIAA.

21. All the conditions imposed by the Deputy Director, Geology & Mining, Perambalur District in the mining plan approval and the precise area communication issued by District Collector, Perambalur District should be strictly followed.

Agenda No: 224-26 (File No: 7988/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.79.5Ha at S.F. Nos. 1185/1, 1185/7A & 1185/8, Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by M/s. Concretia Rock Products Pvt Ltd - For Terms of Reference.

(SIA/TN/MIN/57746/2020, dated:24.10.2020).

The proposal was placed for appraisal in this 198th meeting of SEAC held on 05.02.2021. The details of the Project furnished by the Proponent are available on website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, M/s. Concretia Rock Products Pvt Ltd., has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease area over an extent of 1.79.5Ha at S.F Nos. 1185/1, 1185/7A & 1185/8, Katchaikatti Village, Vadipatti Taluk, Madurai District Tamil Nadu.
- The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. The production for the five years states that the total quantity of recoverable as 126519 cu.m of Rough Stone & 20889 cu.m of Gravel should not exceed for the ultimate depth of mining is 48m below ground level.

On perusal of the documents furnished by the Proponent, the Committee instructed the proponent to furnish the detail sought below:

1. SEAC posted the following three clarifications from the Proponent/consultant

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a) Whether the new EIA Consultant visited the project site? If so, when did he visit the site?

b) Has he endorsed the EMP or modified the EMP based on his visit to project site?

c) Whether the EIA revised bated on the visit or the original has been submitted?

2. Based on their inputs and on the official records, the following facts have been noted

by SEAC

i. Online Application was filed on 24.10.2020 whereas the EIA coordinator hat visited

the site on 31.12.2020.

ii. The EMP report was prepared by another EIA Coordinator.

It is thus clear that the EIA Coordinator who has attended the meeting hat not prepared the EMP report as well as did not endorse the EMP report prepared by the other EIA

coordinator after the project site-visit

3. SEAC strongly condemn this kind of not providing the correct information to the

committee, and advised that new EIA Coordinator should Prepare the EMP/EIA report

based on the field environmental conditions/settings by undertaking a site visit and

submit the report along with application, and Form 1M. The Committee has also

warned the Consultant that this kind of activities should be completely avoided in

future; otherwise, necessary appropriate action would be taken.

After detailed discussions, the SEAC directed the Proponent to make the presentation

after submitting the EMP, prepared based on the site - visit by new EIA Coordinator.

Proponent also agreed for the same.

The proposal was again placed for appraisal in this 224th meeting of SEAC held on

03.08.2021. The details of the Project furnished by the Proponent are available on

website (parivesh.nic.in).

Based on the presentation and documents furnished by the project proponent, SEAC

decided to recommend the proposal for the grant of Terms of Reference (ToR) with

Public Hearing, subject to the following ToR in addition to the standard terms of

reference for EIA study for non-coal mining projects and details issued by the MoEF &

CC to be included in EIA/EMP report:

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- 1. A detailed study of the lithology of the mining lease area shall be furnished.
- 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 shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees, & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
- 4. The Project Proponent shall conduct the hydro-geological study to assess the impact considering the contour map of the ground water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the water levels for both monsoon and non-monsoon seasons from the PWD / TWAD.
- 5. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
- 6. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines.
- 7. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area& 300m buffer zone and its management during mining activity.
- 8. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality, & flora/fauna including traffic/vehicular movement study to assess the cumulative impact of the proposed project on the environment and in order to propose Environment management plan including CER activities proposed with implementation and cost estimation details, considering the requirement raised during public hearing by the local habitants in regard to as

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per Office Memorandum of MoEF& CC accordingly.

9. 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.

10. The proponent shall submit waste/reject handling and management /mode of

disposal for the proposed mining activity.

11. A detailed mining closure plan for the proposed project shall be submitted.

12. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall

be submitted.

13. The Ambient silica analysis needs to be carried out once in six months and report

the same to SEIAA.

14. The recommendation for the issue of "Terms of Reference" is subjected to the

outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of

2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016

(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.

758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.

No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.

981/2016, M.A.No.982/2016 & M.A.No.384/2017).

15. The project proponent shall furnish the details of the existing Green belt area

earmarked with GPS coordinates and list of trees planted/to be planted with a

copy of photos/documents of the existing green belt, and be included in the EIA

Report.

16. The project proponent should provide a detailed plan regarding the green belt

area surrounding the mining area at least with a width of 3m.

Agenda No: 224 - 27.

(File No: 3064/2021)

Proposed expansion of medical college under Violation M/s. Vinayaka Mission's

Kirupananda Variyar Medical College & Hospital at SF. No. 88/IBIB, IB2B, 1B3B,

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2B1B,2B2, etc in Nalrayanpatti Village in S.F.No. 38, 39(Pt),etc Chinnaseeragapadi Villagein S.No. 37/2C, 2E, 2F, S.No.40/IN, etc., VeerapandiPanchayat Union, Salem Taluk and District - For Environmental Clearance.

(SIA/TN/MIN/205218/2021, dated:23.03.2021).

The proposal was placed for appraisal in this 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, M/s. Vinayaka Mission's Kirupananda Variyar Medical College & Hospital at SF. No.88/1818,1828, 1838, 2818, 282, etc in Nalrayan patti Village in S.F.No. 38, 39(Pt), etc Chinnase eragapadi Village in S.No. 37/2C, 2E, 2F, S.No.40/1N, etc. Veerapandi Panchayat Union, Salem Taluk and District, has applied for Environmental Clearance under violation for the proposed expansion of medical college under Violation.
- 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
- 3. Letter No. SEIAA-TN/F.No.3064/Violation/TOR-823/2020 Dated:23.11.2020. During meeting, SEAC noticed that the checklist pertaining to this proposal was not received from SEIAA. Hence, SEAC decided to take up the said proposal for appraisal in any one of the ensuing SEAC meetings after the receipt of checklist from SEIAA.

Thanking the Chairman, Member Secretary and the Members of SEAC-TN, the 224th meeting of SEAC came to an end at 7.45 PM.

MEMBER SECRETARY SEAC -TN

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