

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 166th Meeting of the State Expert Appraisal Committee (SEAC) held on 30th July 2020 (Thursday) for Appraisal of Building and Construction Projects, Townships, and Area Development projects & Mining projects conducted through video conference.

Agenda No. 166-01

(File No.7274/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 1.97.5 ha in S.F.No. 718/2B(P) at Erichanatham Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu by Thiru. S. Sakthimurugesan – For Environmental Clearance.

(SIA/TN/MIN/125377/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. S. Sakthimurugesan has applied for Environmental Clearance for the proposed Rough stone (1,93,000m³) and Gravel (84,378m³) quarry lease over an extent of 1.97.5 ha in S.F.No. 718/2B (P) at Erichanatham Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

1. Groundwater level and quality should be monitored once in six months in few wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB

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2. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
3. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
4. The Project Proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which might have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
5. Proper barrier for reducing the Noise level and to combat the dust pollution shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The proponent should erect fencing all around the boundary of the proposed area with gates as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
11. 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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12. The recommendation for the issue of environmental clearance is subject 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).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The Mine-closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The amount of Rs. 2.27 Lakhs /- shall be utilized as CER activities to carry out the development of the Sanitary Facilities & Smart Class Facilities for Erichanatham Village Government School as reported before obtaining the CTO from TNPCB.
16. The depth of the mining is restricted with ultimate depth of 31m below ground level considering the hydro geological regime of the surrounding area for a quantity of 1, 78,750 Cu.m of rough stone and 84,378 m³ of gravel for five years with a bench height of 5 m as per the approved mining plan and the same was accepted by the project proponent in the SEAC meeting.

Agenda No. 166-02

File No. 6831/2019

Proposed Petrochemical industry in S.F.No. 268, 269, 270, 271, 272 & 273, Sathangadu village, Ambattur Taluk, Thiruvallur District and S.F.No. 67/7, 67/8, 67/9, 67/10, 74/1, 75/4, 75/5, 76/1, 76/2, 77/1, 77/2, 77/3, 77/4, 77/5, 77/6, 77/7, 77/8, 78/1, 78/2, 78/3, 79/1, 79/2, 79/3, 79/4, 79/5, 79/6, 79/7, 79/8, & 79/9, Chinnasekkadu Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu by M/s. Cetex Petrochemicals Limited – For Environmental Clearance.

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(SIA/TN/IND2/36147/2007)

The proposal was placed in the 148th SEAC meeting held on 13.03.2020.

The SEAC noted the following:

1. The Proponent, M/s. Cetex Petrochemicals Limited has applied for Environmental Clearance for the Proposed Petrochemical industry in S.F.No. 268, 269, 270, 271, 272 & 273, Sathangadu village, Ambattur Taluk, Thiruvallur District and S.No. 67/7, 67/8, 67/9, 67/10, 74/1, 75/4, 75/5, 76/1, 76/2, 77/1, 77/2, 77/3, 77/4, 77/5, 77/6, 77/7, 77/8, 78/1, 78/2, 78/3, 79/1, 79/2, 79/3, 79/4, 79/5, 79/6, 79/7, 79/8, & 79/9, Chinnasekkadu Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 5(f) “Synthetic Organic Chemicals” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the Committee directed the Proponent to re-present the project with the followings:

- i) The Proponent shall provide the exact man-power requirement for the proposed expansion project and justify the same.
- ii) The proponent shall provide the best Production technology and control Measures provided for the project site as the area falls under the critically polluted area.
- iii) The Proponent shall carry out the study on the fugitive emission including VOC emissions for the existing and expected emission from the proposed activity with a help of modelling study and provide the technology adopted for the reduction of the fugitive emission in general and VOC emissions in particular.
- iv) The Proponent shall provide the ZLD management plan for the proposed expansion project.

SEAC decided that on receipt of the above details, the proponent would make a presentation for further consideration of the proposal.

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The project proponent has submitted the details to SEIAA. The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. Based on the presentation made by the proponent, the SEAC noted that the project proponent has not furnished adequate details, the details furnished by the proponent was not in order and also presentation is not satisfied as requested in the 148th SEAC meeting held on 13.03.2020. Hence, the project proponent shall submit a detailed report on the above points (Sl.No. i) to iv)) along with the stoichiometric balance with equation for the all the reaction along with the waste generation from the process with respect to air, water etc.

On receipt of the above details, being expansion project SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 166-03

(File No.6991/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 1.33.0ha in S.F.No. 127/2B2 at Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru. M.R.Boopathi – For Terms of Reference.

(SIA/TN/MIN/50009/2020)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The submitted proposal is withdrawn by the project proponent vide letter dated 28.07.2020. Hence, The SEAC decided to forward the withdrawal of the proposal to SEIAA for further necessary action.

Agenda No. 166-04

(File No.6913/2019)

Proposed Rough stone and Gravel quarry lease over an Extent of 1.52.0Ha in S.F.Nos. 208/1, 208/2 & 208/3 at Ichipatti Village of Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. M.Thangavel – For Terms of Reference

(SIA/TN/MIN/38858/2019)

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The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. M. Thangavel has applied for Terms of Reference for the proposed Rough stone (1, 27,750m³) and Gravel (16,510m³) quarry over an Extent of 1.52.0Ha in S.F.Nos. 208/1, 208/2 & 208/3 at Ichipatti Village of Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.

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4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.

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- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
- b) Quantity of minerals mined out.
- c) Detail of approved depth of mining.
- d) Actual depth of the mining achieved earlier
- e) Name of the person already mined in that leases area.
- f) If EC and CTO already obtained from competent authority.

Agenda No. 166-05

(File No.7451/2020)

**Proposed construction in S.F.Nos. 380/2, 381/2, 3, 383, 488/2 at Thandarai Village of Poonamallee Taluk, Thiruvallur District, Tamil Nadu by M/s. Tidel Park Limited – For Environmental Clearance
(SIA/TN/NCP/140761/2020)**

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Tidel Park Limited, has applied for Environmental Clearance for the proposed construction in S.F.Nos. 380/2, 381/2, 3, 383, 488/2 at Thandarai Village of Poonamallee Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 8(a) “Building and Construction projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to instruct the project proponent to submit the following details.

1. The characteristics of the Grey water presented by the project proponent / consultant are abnormal and the grey water characteristics may be reviewed & accordingly proposed grey water treatment system design shall be revised.

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2. A detailed storm water plan to drain out the water from site shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding environment.
3. The layout plan furnished for the greenbelt area earmarked with GPS co-ordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The greenbelt width shall be maximum all along the boundaries of the project site so as to reduce the emission/ noise due to the project activity.
4. Details of the E – Waste management as per the E-Waste (Management) Rules, 2016 & Hazardous waste management as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
5. Details of land allotment for STP, grey water treatment system, solid waste, E-waste, Hazardous waste etc.
6. The project proponent shall submit the CER proposal as per the O.M. of MoEF & CC dated 01.05.2018.

On receipt of aforesaid details, SEAC would further deliberate on this project and decide the further course of action.

Agenda No. 166-06

(File No.6993/2019)

**Proposed Rough stone and Gravel quarry lease over an extent of 2.80.5Ha in S.F.No: 15/1 & 15/2 at Sivayam (North) Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu by M/s. Navamani Mines Private Limited – For Terms of Reference.
(SIA/TN/MIN/38701/2019)**

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). The SEAC noted the following:

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1. The Proponent, M/s. Navamani Mines Private Limited, has applied for Terms of Reference for the proposed Rough stone (3,95,935m³) and Gravel (49,332m³) quarry over an extent of 2.80.5Ha in S.F.No: 15/1 & 15/2 at Sivayam (North) Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.

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6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.

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- d) Actual depth of the mining achieved earlier
- e) Name of the person already mined in that leases area.
- f) If EC and CTO already obtained from competent authority.

Agenda No. 166-07

(File No.7061/2019)

Proposed Rough stone and Gravel quarry Lease from over an extent of 2.37.0 ha in S.F.No.74/2 at Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru. S.Gnanasekaran – For Terms of Reference.

(SIA/TN/MIN/36228/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. S. Gnanasekaran, has applied for Terms of Reference for the proposed Rough stone (2,76,500m³) and Gravel (38,226m³) quarry from over an Extent of 2.37.0 Hain S.F.No.74/2 at Chikkarampalayam Village of Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.

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2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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.

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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).

12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.
 - a)What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
 - b)Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained from competent authority.

Agenda No. 166-08

(File No.7508/2019)

Proposed Multi Coloured Granite quarry lease over an extent of 1.28.5 ha in S.F.Nos. 152/1B, 152/3, 152/4B & 534/2 at Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru.P.Loganathan – For Terms of Reference (SIA/TN/MIN/51294/2020)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru.P.Loganathan, has applied for Terms of Reference for the Proposed Multi Coloured Granite (7655m³) quarry lease over an extent of

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1.28.5 ha in S.F.Nos. 152/1B, 152/3, 152/4B & 534/2 at Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.

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

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.

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7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The Project proponent shall submit the report on waste management plan along with the EIA Report.
15. The project proponent shall submit the exact distance between the project site and the Cauvery wildlife sanctuary with GPS coordinates from the D.F.O of Krishnagiri District.
16. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.

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- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
- b) Quantity of minerals mined out.
- c) Detail of approved depth of mining.
- d) Actual depth of the mining achieved earlier
- e) Name of the person already mined in that leases area.
- f) If EC and CTO already obtained from competent authority.

Agenda No. 166-09

(File No. 6933/2019)

Proposed Savudu quarry over an extent of 3.16.20 ha in S.F.Nos. 230(P) of Echangkaranai village, Thirukkalukundram Taluk, kancheepuram District, Tamil Nadu by Thiru.A. Ayyappan – For Environmental Clearance.

(SIA/TN/MIN/39228/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. A. Ayyappan has applied for Environmental Clearance for the proposed Savudu (53,029m³) quarry over an extent of 3.16.20 ha in S.F.Nos. 230(P) of Echangkaranai village, Thirukkalukundram Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

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1. Groundwater level and quality should be monitored once in six months in few wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB.
2. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which might have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
3. Proper barrier for reducing the Noise level and to combat the dust pollution shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
4. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
5. The transportation of the mined-out product should not disturb the tank bund structures and channel course.
6. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.
7. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. 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.
11. The recommendation for the issue of environmental clearance is subject 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.

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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).

12. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
13. The Mine-closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
14. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
15. The amount of Rs. 25,000/-(2% of the total project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Echankaranai village Government School as reported before obtaining the CTO from TNPCB.
16. The depth of the mining should be limited to the sill level of the sluice of the tank.
17. The project proponent shall provide road inside the tank only with the biodegradable materials.

Agenda No. 166-10

(File No.7328/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 1.47.0 ha of S.F.Nos. 83/6, 83/7, 83/8, 83/9, 85/6, 85/7, 91/1 & 91/2A of Girijapuram Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. D. Jayaprakash – For Terms of Reference

(SIA/TN/MIN/45924/2019)

The proposal was placed in the 166thSEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

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1. The Proponent, Thiru.D.Jayaprakash, has applied for Terms of Reference for the Rough stone (55,405m³) and Gravel (10,908m³) quarry over an extent of 1.47.0ha in S.F.Nos. 83/6, 83/7, 83/8, 83/9, 85/6, 85/7, 91/1 & 91/2A of Girijapuram Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.

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6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The project proponent shall adhere to all the conditions imposed in the Mine plan approval letter Rc.No. 386/Kanimam/2019, Dated.04.10.2019 by the A.D Mines, Department of Geology and Mining-Tiruvannamalai District.
15. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.

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- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
- b) Quantity of minerals mined out.
- c) Detail of approved depth of mining.
- d) Actual depth of the mining achieved earlier
- e) Name of the person already mined in that leases area.
- f) If EC and CTO already obtained from competent authority.

Agenda No. 166-11

(File No.7193/2019)

Proposed Lime Kankar quarry lease over an extent of 4.37.0 ha of S.F.Nos. 226/2B, 226/2C, 226/2D, 241/1A, 241/1B, 241/2, 241/3A, 241/3B, 241/3C, 241/4, 241/5, 241/6A, 241/6B, 241/7, 241/8, 242/1, 242/2, 242/3, 242/4, 242/5, 242/6, 242/9, 242/10A, 242/10B1 (P) and 242/10B2 of Kallankurichi Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu by M/s. Chettinad Cements Corporation Pvt. – For Terms of Reference

(SIA/TN/MIN/44467/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Chettinad Cements Corporation Pvt, has applied for Terms of Reference for the Proposed Lime Kankar(97,196 Tons) quarry lease over an extent of 4.37.0 ha of S.F.Nos. 226/2B, 226/2C, 226/2D, 241/1A, 241/1B, 241/2, 241/3A, 241/3B, 241/3C, 241/4, 241/5, 241/6A, 241/6B, 241/7, 241/8, 242/1, 242/2, 242/3, 242/4, 242/5, 242/6, 242/9, 242/10A, 242/10B1 (P) and 242/10B2 of Kallankurichi Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

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Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.

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9. A detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The project proponent shall adhere to all the conditions imposed in the Mine plan approval vide Lr. No. 1507/MM10/2018/LK/Ary. Dated. 09.01.2019 by the A.D Mines, Department of Geology and Mining-Ariyalur District.

Agenda No. 166-12

(File No.7331/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 1.84.5ha of S.F.Nos. 232 & 234/2 of Kandiankovil Village, Tiruppur South Taluk, Tiruppur District, Tamil Nadu by Thiru.P.Arjunkumar – For Environmental clearance (SIA/TN/MIN/129208/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The proponent has not turned up the appraisal meeting and same was informed by the project proponent vide his letter dated 29.07.2020. Hence the SEAC decided to defer the proposal.

Agenda No. 166-13

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SEAC**


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SEAC**

(File No.7541/2020)

Proposed Silica Sand quarry lease over an extent of 2.77 ha. Comprising S.F.Nos. 319/1 & 319/5 of Mudaliyarkuppam Village, Cheyyar Taluk, Chengalpet District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited – For Environmental Clearance (SIA/TN/MIN/152798/2020)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance for the Proposed Silica Sand (10,914.4m³) quarry lease over an extent of 2.77 ha comprising S.F.Nos. 319/1 & 319/5 of Mudaliyarkuppam Village, Cheyyar Taluk, Chengalpet District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee noted that, the proposal was already placed in the 154th SEAC meeting; the proponent was instructed to furnish the reply for the 3 queries. But the project proponent has not furnished document from the competent authority for CRZ clarification, which stated that the project site does not fall in the CRZ area. Further, the water quality data furnished by the project proponent is abnormal for example TDS is more than 65,000 mg/l. Hence, the SEAC directed the project proponent to submit the above said details.

On receipt of the above details, the SEAC decided to take for the further course of action on the proposal.

Agenda No. 166-14

(File No.7347/2019)

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Proposed Rough stone and Gravel quarry lease over an extent of 1.24.0Ha comprising S.F.Nos. 62/1A, 62/1B, 62/2C, 62/2D, 62/4, 62/5, 62/6, 62/7, 62/9, 62/10 and 62/11 of Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. R. Elumalai – For Terms of Reference (SIA/TN/MIN/49091/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. R. Elumalai has applied for Terms of Reference for the proposed Rough stone (95,980m³) and Gravel (15,456m³) quarry over an extent of 1.24.0Ha S.F.Nos. 62/1A, 62/1B, 62/2C, 62/2D, 62/4, 62/5, 62/6, 62/7, 62/9, 62/10 and 62/11 of Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and

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water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.

3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A Detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).

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12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained from competent authority.

Agenda No. 166-15

(File No.7354/2019)

Proposed Black Granite Quarry lease over an extent of 1.21.50ha in S.F.Nos. 1/2(P) (0.17.55), 1/3A (P) (0.64.65) & 1/4 (P) (0.39.30) of Ragimanapalli village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. S.K.Nawab, Proprietor of M/s. Nafhaa Granites – For Terms of Reference.

(SIA/TN/MIN/48425/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent himself applied under Terms of Reference (ToR) to SEIAA. But, during presentation the proponent claims that based on the DEIAA /cluster notification that his proposal is eligible for Environmental Clearance. Hence, the SEAC instructed the project proponent to submit a letter requesting for direct Environmental Clearance consideration with supporting legal documents to SEIAA, which would be further scrutinized by SEIAA office. After receipt of the same the SEIAA office shall examine

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the claim of the proponent as per the MoEF&CC guidelines. On receipt of the SEIAA clarification for the above said proposal, SEAC will take further course of action.

Agenda No. 166-16

(File No.7598/2020)

Proposed Rough stone quarry lease over an extent of 0.80.5 ha of Government land in S.F.No. 638 (Part) of Kasthambady Village, Polur Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. S.Gopinath– For Environmental clearance (SIA/TN/MIN/157728/2020)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. S. Gopinath, has applied for Environmental clearance for the proposed Rough stone (1,02,410m³) quarry lease over an extent of 0.80.5 ha of Government land in S.F.No. 632 (Part) of Kasthambady Village, Polur Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

1. Groundwater level and quality should be monitored once in six months in few wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB
2. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

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3. The proponent should erect fencing all around the boundary of the proposed area with gates as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
5. Proper barrier for reducing the Noise level and to combat the dust pollution shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. 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.
11. The recommendation for the issue of environmental clearance is subject 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.

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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).

12. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The Mine-closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The amount of Rs. 1.25 Lakhs shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Kasthambady Village Government School as reported before obtaining the CTO from TNPCB.

Agenda No. 166-17

(File No.7599/2020)

**Proposed Rough stone and Gravel over an extent of 1.37.0 ha of Patta lands in S.F.No. 511/1 of Thungavi Village, Madathukulam Taluk, Tiruppur District, Tamil Nadu by Thiru. M.Sivaselvam – For Environmental clearance
(SIA/TN/MIN/157530/2020)**

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. M. Sivaselvam, has applied for Environmental clearance for the proposed Rough stone (1,11,190m³) and Gravel (2,016m³) over an

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extent of 1.37.0 ha of Patta lands in S.F.No. 511/1 of Thungavi Village, Madathukulam Taluk, Tiruppur District, Tamil Nadu.

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

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

1. Groundwater level and quality should be monitored once in six months in few wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB
2. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
3. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
4. The Project Proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which might have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
5. Proper barrier for reducing the Noise level and to combat the dust pollution shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

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8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The proponent should erect fencing all around the boundary of the proposed area with gates as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
11. 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.
12. The recommendation for the issue of environmental clearance is subject 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).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The amount of Rs. 1,00,000/- shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Thungavi Village Government School as reported before obtaining the CTO from TNPCB.
16. Odai is situated on the northern side of the project site and 50m safety distance has been maintained.

Agenda No. 166-18

(File No.6871/2019)

**Member Secretary
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Proposed Rough stone and Gravel quarry from over an Extent of 2.95.0Ha in S.F.Nos. 164/3B, 165/1 & 165/2 at Menallur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. N.Raghu – For Terms of Reference (SIA/TN/MIN/38171/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. N. Raghu, has applied for Terms of Reference for the proposed Rough stone (3,26,000m³) and Gravel (33,864m³) quarry from over an Extent of 2.95.0Ha in S.F.Nos. 164/3B, 165/1 & 165/2 at Menallur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the

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data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.

4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A Detailed Mine-closure plan for the proposed project shall be submitted.
10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.

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14. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.

- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
- b) Quantity of minerals mined out.
- c) Detail of approved depth of mining.
- d) Actual depth of the mining achieved earlier
- e) Name of the person already mined in that leases area.
- f) If EC and CTO already obtained from competent authority.

Agenda No. 166-19

(File No.6920/2019)

Proposed Rough stone and Gravel quarry from over an Extent of 1.16.5Ha in S.F.No. 311/2 (P) at Kodangipalayam Village of Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. M.Selvakumar – For Terms of Reference (SIA/TN/MIN/38896/2019)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. M. Selvakumar, has applied for Terms of Reference for the proposed Rough stone (73,870m³) and Gravel (2,688m³) quarry from over an Extent of 1.16.5Ha in S.F.No. 311/2 (P) at Kodangipalayam Village of Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation given by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following

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specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC.

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD / TWAD.
4. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
5. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
6. The Socio-economic impact assessment due to the project needs to be carried out within 10km of the buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
8. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. A Detailed Mine-closure plan for the proposed project shall be submitted.

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10. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
11. The recommendation for the issue of Terms of Reference is subject 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).
12. Details of the lithology of the mining lease area shall be furnished.
13. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
14. The depth of the mining is restricted from 35m below ground level considering the hydrogeological regime of the surrounding area.
15. The proponent shall furnish the following details along with the EIA Report from AD/DD-mines of concern District to ensure no violation file is appraised under normal cases.
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD /DD mines?
 - b) Quantity of minerals mined out.
 - c) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained from competent authority.

Agenda No. 166-20

File No. 7588/2020

**Member Secretary
SEAC**


**Chairman
SEAC**

Proposed Savudu quarry lease over an extent of 1.91.0Ha comprising S.F.Nos. 97/4, 97/5 & 97/10 of Setharampattu Village in Polur Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.P.Settu – For Environmental Clearance.

(SIA/TN/MIN/156844/2020)

The proposal was placed in the 166th SEAC Meeting held on 30.07.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. P. Settu, has applied for Environmental Clearance for the proposed Savudu (9,464m³) quarry lease over an extent of 1.91.0Ha comprising S.F.Nos. 97/4, 97/5 & 97/10 of Setharampattu Village in Polur Taluk, Tiruvannamalai District, Tamil Nadu, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

1. Groundwater level and quality should be monitored once in six months in few wells around the quarry and the record should be maintained and annual report should be submitted to the TNPCB.
2. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which might have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
3. Proper barrier for reducing the Noise level and to combat the dust pollution shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.

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4. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
5. The transportation of the mined-out product should not disturb the tank bund structures and channel course.
6. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.
7. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. 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.
11. The recommendation for the issue of environmental clearance is subject 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).
12. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
13. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
14. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.

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15. The amount of Rs. 50,000/- (2% of the total project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Setharampattu Village Government School as reported before obtaining the CTO from TNPCB.

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