

## STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 160<sup>th</sup> Meeting of the State Expert Appraisal Committee (SEAC) held on 25<sup>th</sup> June 2020 (Thursday) for Appraisal of Building and Construction Projects, Townships, and Area Development projects & Mining projects conducted through video conferences.

Agenda No. 160-01

(File No.7403/2020)

Proposed Rough stone and Gravel quarry lease over an extent of 2.34.0 Ha in S.F.No. 178/1B at Kombankulam Village, Sathankulam Taluk, Thoothukudi District, Tamil Nadu by Thiru. K.Vignesh – For Environmental clearance  
(SIA/TN/MIN/140272/2020)

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. K. Vignesh, has applied for Environmental Clearance for the proposed Rough stone and Gravel quarry lease over an extent of 2.34.0ha in S.F.No. 178/1B at Kombankulam Village, Sathankulam Taluk, Thoothukudi District, Tamil Nadu.
2. The proponent has proposed to quarry 2,79,580m<sup>3</sup> of Rough stone and 10,260m<sup>3</sup> of Gravel for the period of 5 years.
3. 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 with restricted to a ultimate depth of mining of 41 m from the ground level leaving the last bench of 5m depth as accepted by the proponent and accordingly the

production quantity of rough stone is restricted to 2,76,805 Cu.m 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. 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. 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. Koothankulam Bird sanctuary is located at 8.7 km from the mining lease applied area. The project site attracts the NBWL clearance, prior clearance from Forestry & Wildlife including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation.
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. 1.5 lakhs shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Kombankulam Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-02**

**(File No.7412/2020)**

**Proposed 2x7.5 MW Coal based Co-gen thermal power plant in S.F.No. 491 at Oragadam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. Apollo Tyres Ltd. – For Terms of Reference**

**(SIA/TN/IND/50607/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The SEAC noted the following:

1. The Proponent, M/s. Apollo Tyres Ltd, has applied for Terms of Reference for the Proposed Coal based Co-gen thermal power plant in S.F.No. 491 at Oragadam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(d) “Coal based Co-gen Thermal Power Plant” of the Schedule to the EIA Notification, 2006.

Based on the documents furnished by the proponent and documents available in the office record, the SEAC observed the followings

- i. M/s. Apollo Tyres Limited has applied to MoEF & CC on 22.09.2011 for obtaining the Terms of Reference (ToR) for the project of 2x7.5 MW coal based Co-Generation of Captive Thermal Power plant at S.F.No.491pt of Oragadam Village, Sriperumbudur Taluk, Kancheepuram District and ToR had been issued to the said project on 25.01.2012.
- ii. Subsequently, the above said application was transferred from MoEF to SEIAA-TN on 27.05.2013 as the proposal is a category “B” project. Based on the Terms of Reference the EIA report was submitted by the proponent to SEIAA on 06.06.2013 and while scrutinizing the EIA report, it was noticed that the construction activity was started by the proponent and the Chimney, coal yard with conveyor system & Power house had been established. Hence, the project was delisted as Violation case and directed the proponent to furnish the letter of Commitment and expression of Apology. The proponent furnished the apology letter on 19.05.2014 and the same was forwarded vide this office letter dated: 27.05.2014, to the Principal Secretary to Government, E & F Department, Chennai for initiating credible action against the unit.
- iii. Meanwhile, as per MoEF & CC Notification dated: 14.03.2017 with respect to cases of violations, the proponent was instructed to apply to MoEF & CC for EC. Subsequently, the proponent was instructed to apply

to SEIAA-TN vide letter dated: 28.03.2018 as per the MoEF & CC Notification dated: 08.03.2018.

- iv. However, the project proponent informed to SEIAA vide his letter dated: 03.05.2018 has stated that they are not having any pending Environmental Clearance project applications in SEIAA-TN or MoEF& CC, New Delhi. ( As per the record of the SEIAA, the project was delisted as Violation case)
- v. In the view of above, it is clear that the proponent has violated the EIA notification, 2006 and the proponent has not applied within the stipulated time to SEIAA-TN under violation as per the above said notifications dated: 14.03.2017 & 08.03.2018.
- vi. As per Para 13 (3) of the MoEF & CC notification dated 14.03.2017, in cases of violation, action will be taken against the project proponent by the respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the environmental clearance under violation. But the proponent has submitted the request letter to SEIAA-TN to withdrawal the above said application (Application 1362/2013 dated 12.06.2013) for obtaining the Environmental clearance even the project under violation vide letter dated 24.06.2019 and sated that Consent to establishment for 1\*4.6 MW Power plant ( Non-EC category <5 MW, EIA notification 2006) from TNPCB on 25.02.2016 and Consent to Operate for 1\*4.6 MW Power plant from TNPCB on 26.12.2017. The above said request of the unit for withdrawal of application delisted under violation was placed in the SEIAA 361<sup>st</sup> SEIAA meeting on 21.11.2019 and SEIAA decided to record the proposal.
- vii. Now the unit of M/s. Apollo Tyres Ltd, has applied for Terms of Reference for the Proposed Coal based Co-gen thermal power plant (1x10MW) in the same project site.

In the view of above the SEAC want to clarify from SEIAA that the earlier proposal in the same project site was delisted under violation case and it was referred to State Government for Credible action under the provisions of section 19 of the Environment (Protection) Act, 1986 vide SEIAA letter dated 27.05.2014. Further the SEAC noted that as per Para 13 (3) of the MoEF & CC notification dated 14.03.2017, in cases of violation, action will be taken against the project proponent by the respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the environmental clearance under Violation. Under this circumstance, the request of the unit to withdrawal the application delisted under violation cannot be accepted. Hence, SEAC requested the SEIAA to clarify the acceptance of the withdrawal of the earlier application delisted under violation category. The SEAC unanimously decided that the new application cannot be appraised under this circumstance.

Hence, the SEAC decide to get the clarification from SEIAA for the above said points. After the receipt of the clarifications from the SEIAA, SEAC will decide the further course of action.

#### **Agenda No. 160-03**

**(File No.7455/2020)**

**Proposed Rough stone Quarry lease over an Extent of 2.54.0ha in S.F.Nos.125/1, 125/5, 140/4, 140/6A, 140/6B, 140/7, 140/8, 141, 142/8A, 142/8B, 142/5B, 142/6, 142/7, 142/9, 142/11 & 142/12 of Udaiyalipatti Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Thiru. R. Rajmohan – For Terms of Reference.**

**(SIA/TN/MIN/140272/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

MEMBER SECRETARY  
SEAC-TN

CHAIRMAN  
SEAC-TN

1. The Proponent, Thiru. R. Rajmohan, has applied for Terms of Reference for the proposed Rough stone Quarry lease over an extent of 2.54.0 Ha in S.F.Nos.125/1, 125/5, 140/4, 140/6A, 140/6B, 140/7, 140/8, 141, 142/8A, 142/8B, 142/5B, 142/6, 142/7, 142/9, 142/11 & 142/12 of Udaiyalipatti Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu.
2. The proponent has proposed to quarry 3,44,875m<sup>3</sup> of Rough stone and 35,838m<sup>3</sup> of Gravel for the period of 5 years.
3. 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 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.
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 studies should be carried out within 10 km buffer zone from the mines.
7. A detailed report on the green belt development already undertaken is to be furnished. They should also 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 mining 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 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 on 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.

**Agenda No. 160-04**

**(File No.7524/2020)**

**Proposed Savudu Quarry lease over an Extent 1.03.5 Ha of Patta Land in S.F.Nos. 3/2A and 3/2B, Kongarayanallur Village, Nagapattinam Taluk, Nagapattinam District, Tamil Nadu by Thiru. M. Kumar – For Environmental Clearance.**

**(SIA/TN/MIN/149165/2020)**



The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. M. Kumar, has applied for Environmental Clearance for the proposed Savudu Quarry lease over an Extent 1.03.5Ha of Patta Land in S.F.Nos. 3/2A and 3/2B, Kongarayanallur Village, Nagapattinam Taluk, Nagapattinam District, Tamil Nadu.
2. The proponent has proposed to quarry 14,144m<sup>3</sup> of Savudu for the period of one year.
3. 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. 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.
2. Proper barrier for reducing the Noise level due to transport 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.
3. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
4. The transportation of the mined out product should not disturb the tank bund structures and channel course.
5. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.

6. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
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 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.
10. 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).
11. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
13. 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.
14. The amount of Rs. 16,000/- (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 Kongarayanallur Village Government School as reported before obtaining the CTO from TNPCB.
15. The EB line adjacent to the proposed mine lease area should be shifted before commencement of the mines.

16. Safety distance of 20m in the northern side should be given from the boundary of the project site, as there is a channel passing in northern direction from the proposed mine lease area.
17. The project proponent shall strictly follow the conditions imposed in the precise area communication issued by District collector, Nagapattinam vide RC.No.35/Mines/2018 dated 28.01.2019.

**Agenda No. 160-05**

**(File No.7542/2020)**

**Proposed Rough Stone and Gravel Quarry lease over an Extent 2.22.5Ha in S.F.Nos. 48/12, 48/13, 48/14, 50/2, 50/3(P), 50/4, 50/5, 50/6, Sundakottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. T.R. Varadharajan – For Environmental Clearance.**

**(SIA/TN/MIN/14102/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. T.R. Varadharajan, has applied for Environmental Clearance for the Proposed Rough Stone and Gravel Quarry lease over an Extent 2.22.5Ha in S.F.Nos. 48/12, 48/13, 48/14, 50/2, 50/3(P), 50/4, 50/5, 50/6, Sundakottai Village, Aruppukottai 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 noted that the Letter obtained from the Assistant Director, Department of Geology and Mining, Virudhunagar District vide RC.No.KV1/737/2018 dated 31.01.2020 for the details of quarries are situated within 500 meter radial distance from this proposed quarry is not in the order. Hence, the proponent shall obtain the updated letter from the Assistant Director, Department of Geology and Mining, Virudhunagar

District for the details of proposed quarries, existing quarries and abandoned quarries situated in 500 meter with year of operation/ period of lease as per the MoEF&CC notification. If the cluster within 500 meter radial distance from the proposed mine lease area exceeds 5 hectare, than the proponent has to resubmit the proposal for ToR under 1(a) “Mining of Minerals Projects” category.

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

**Agenda No. 160-06**

**(File No.7543/2020)**

**Proposed Savudu Quarry lease over an Extent of 1.79.0 Ha in S.F.Nos. 243/10B, 12, 13, 14, 15, 16, 17, 246/1, 2, 4, 6 at Kokkaladi Village, Thiruthuraipoondi Taluk, Thiruvarur District, Tamil Nadu by Thiru. J. Christopher Arul Raj – For Environmental Clearance. (SIA/TN/MIN/149190/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. J. Christopher Arul Raj, has applied for Environmental Clearance for the proposed Savudu Quarry lease over an Extent of 1.79.5Ha in S.F.Nos. 243/10B, 12, 13, 14, 15, 16, 17, 246/1, 2, 4, 6 at Kokkaladi Village, Thiruthuraipoondi Taluk, Thiruvarur District, Tamil Nadu.
2. The proponent has proposed to quarry 26,572m<sup>3</sup> of Savudu for the period of one year six months.
3. 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. 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.
2. Proper barrier for reducing the Noise level due to transport 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.
3. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
4. The transportation of the mined out product should not disturb the tank bund structures and channel course.
5. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.
6. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
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 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.
10. 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).

11. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
13. 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.
14. The amount of Rs. 14,000/- (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 Kokkaladi Village Government School as reported before obtaining the CTO from TNPCB.
15. Safety distance of 10m should be given on two sides ( Northern and South Eastern side) from the boundary of the project site, as there is an irrigation channel passing from the proposed mine lease area.

**Agenda No. 160-07**

**(File No.7545/2020)**

**Proposed Rough Stone Quarry lease over an extent of 1.01.0Ha of Government land in S.F.No. 2(Part – 2) of Ellappudayampatti Village, Harur Taluk, Dharmapuri District, Tamil Nadu by Tvl. City Blue Metal – For Environmental Clearance.**

**(SIA/TN/MIN/149595/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Tvl. City Blue Metal, has applied for Environmental Clearance for the proposed Rough Stone Quarry lease over an Extent of 1.01.0Ha of Government land in S.F.No. 2(Part – 2) of Ellappudayampatti Village, Harur Taluk, Dharmapuri District, Tamil Nadu.
2. The proponent has proposed to quarry 81,071m<sup>3</sup> of Rough stone for the period of 5 years.

3. 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 1,29,400/- (2% of the project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Ellappudayampatti Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-08**

**(File No.7547/2020)**

**Proposed Rough Stone Quarry lease over an extent of 1.06.5Ha in S.F.No. 206/3 & 206/4 (part) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. A. S. Nethaji – For Environmental Clearance.**



**(SIA/TN/MIN/46299/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. A. S. Nethaji, has applied for Environmental Clearance for the proposed Rough Stone Quarry lease over an Extent of 1.06.5Ha in S.F.No. 206/3 & 206/4 (part) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu.
2. The proponent has proposed to quarry 95,352m<sup>3</sup> of Rough stone for the period of 5 years.
3. 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 1,50,000/- (2% of the project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Padalur (East) Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-09**

**(File No.7548/2020)**

**Proposed Rough stone and Saral Quarry lease over an extent of 3.94.5 Ha in S.F.Nos.557 & 577 of Terku Karaseri Village, Srivaikundam Taluk, Thoothukudi District, Tamil Nadu by Thiru. M. Chitralingam – For Environmental Clearance.**

**(SIA/TN/MIN/154422/2020)**

The proposal was placed in the 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. M. Chitralingam, has applied for Environmental Clearance for the proposed Rough stone and Saral Quarry lease over an Extent of 3.94.5 Ha in S.F.Nos.557 & 577 of Terku Karaseri Village, Srivaikundam Taluk, Thoothukudi District, Tamil Nadu.
2. The proponent has proposed to quarry 7,95,780m<sup>3</sup> of Rough stone and 63,432m<sup>3</sup> of Saral for the period of 5 years.
3. 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. The depth of the mining is restricted from 47m in Pit II (7m AGL + 40m BGL) to 42m (7m AGL + 35m BGL) considering the hydrological conditions of the surrounding area. Total Mineable Reserves as per approved mining plan is 7,95,780 m<sup>3</sup>, it is recommended to mine as per the approved Mining plan with a condition of

deducting the reserves of last bench the mineable reserves recommended by SEAC after deducting the last bench is 7,66,020 m<sup>3</sup> 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 1.72 lakhs shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Terku Karaseri Village Government School as reported before obtaining the CTO from TNPCB.
16. Safety distance of 20m in the northern side should be given from the boundary of the project site, as there is an ODAI passing nearby proposed mine lease area.

**Agenda No. 160-10**

**(File No.7552/2020)**

**Proposed Rough stone Quarry lease over an extent of 1.00.0 Ha in S.F.Nos.280/1 (Part-3), Govt. Poramboke Land of Kuppam Village, Arcot Taluk, Ranipet District, Tamil Nadu by Thiru. B. Suresh Babu – For Environmental Clearance.**

**(SIA/TN/MIN/153880/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. B. Suresh Babu, has applied for Environmental Clearance for the proposed Rough stone Quarry lease over an Extent of 1.00.0 Ha in S.F.Nos.280/1 (Part-3), Govt. Poramboke Land of Kuppam Village, Arcot Taluk, Ranipet 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 with restricted to a ultimate depth of mining of 40 m above the ground level leaving the last bench of 5m depth below the ground level as accepted by the proponent and accordingly the production quantity of rough stone is restricted to 91,750 Cu.m 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 4,68,400/- (2% of the project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Kuppam Village Government School as reported before obtaining the CTO from TNPCB.
16. After carrying the mining activity, the impact on the mining activity should be studied and report of the same should be submitted to SEIAA-TN for further expansion, if required.

**Agenda No. 160-11**

**(File No.7556/2020)**

**Proposed Rough stone & Gravel Quarry lease over an extent of 0.93.0 Ha in S.F.Nos. 242/1, 242/2(P), 242/3A, 242/3B, 243/1 & 243/2 of M.Duraisamipuram Village, Sivaksi Taluk, Virudhunagar District, Tamil Nadu by Thiru. K. Samuthiraraj – For Environmental Clearance.**

**(SIA/TN/MIN/154311/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. K. Samuthiraraj, has applied for Environmental Clearance for the Proposed Rough stone & Gravel Quarry lease over an Extent of 0.93.0 Ha in S.F.Nos. 242/1, 242/2(P), 242/3A, 242/3B, 243/1 & 243/2 of M.Duraisamipuram Village, Sivaksi 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
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. 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. 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. The project site attracts the NBWL clearance, 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.
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 lakh shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Vaniyamallee Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-12**

**(File No.7561/2020)**

**Proposed Savudu Quarry lease over an extent of 0.75.5 Ha in S.F.Nos. 124/4A, 132/2, 133/1A & 123/5 of Sembedu Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by Thiru.N.Moorthy NRS Bricks – For Environmental Clearance.**

**(SIA/TN/MIN/150313/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru.N.Moorthy NRS Bricks, has applied for Environmental Clearance for the Proposed Savudu Quarry lease over an Extent of 0.75.5 Ha in

S.F.Nos. 124/4A, 132/2, 133/1A & 123/5 of Sembedu Village, Tiruvallur Taluk, Tiruvallur 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. 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.
2. Proper barrier for reducing the Noise level due to transport 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.
3. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
4. The transportation of the mined out product should not disturb the tank bund structures and channel course.
5. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.
6. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
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 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.
10. 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).
11. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
13. 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.
14. The amount of Rs. 12,000/- shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Sembudu Village Government School as reported before obtaining the CTO from TNPCB.
15. The proposed Savudu quarry mining blocks are Non-Contiguous. Hence, the project proponent was directed by the committee to carry out the mining operation in only one block and the proponent has agreed to carry out the mining activity only in Block 3 of Survey Numbers 132/2 & 133/1A with quantity of 2052 m<sup>3</sup>. Further, the project proponent should not carry out any mining activity in the Block 1 of Survey Numbers 123/5 (0.14 Ha) & Block 2 of Survey Numbers 124/4A (0.25.5 Ha) as committed.

**Agenda No. 160-13**

**(File No.7562/2020)**

**Proposed Gravel quarry from over an extent of 1.18.5 Ha in S.F.Nos. 142/2A, 142/2B, 142/5A, 142/10, 141/2 & 141/7 at Vaniamallee Village, Gummidipundi Taluk, Tiruvallur District, Tamil Nadu by Thiru. N. Senthil – For Environmental Clearance.**

**(SIA/TN/MIN/37357/2019)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. N. Senthil, has applied for Environmental Clearance for the proposed Gravel quarry over an extent of 1.18.5 Ha in S.F.Nos. 142/2A, 142/2B, 142/5A, 142/10, 141/2 & 141/7 at Vaniamallee Village, Gummidipundi Taluk, Tiruvallur District, Tamil Nadu.
2. The proponent has proposed to quarry 10,002m<sup>3</sup> of Gravel for the period of one year.
3. 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 presentation made by the NABET Consultant is not clear and does not produced the village map during the presentation. The mining blocks in the submitted proposal is Non-Contiguous.

Hence, the SEAC direct the project proponent and consultant to revise the proposal with the Contiguous mining blocks in the mine lease area.

**Agenda No. 160-14**

**(File No.7565/2020)**

**Proposed Rough stone Quarry lease over an extent of 2.90.0 Ha of Government Poramboke land in S.F.No.40/1(Part) of Thiruvakkarai Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru. V. Sankar – For Environmental Clearance.**

**(SIA/TN/MIN/155663/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. V. Sankar, has applied for Environmental Clearance for the proposed Rough stone Quarry lease over an Extent of 2.90.0ha of Government Poramboke land in S.F.No.40/1(Part) of Thiruvakkarai Village, Vanur Taluk, Viluppuram District, Tamil Nadu.
2. The proponent has proposed to quarry 4,99,724m<sup>3</sup> of Rough stone and 10,956m<sup>3</sup> of Gravel for the period of five years.
3. 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 3,85,500/- (2% of the project cost) shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Kodukkur village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-15**

**(File No.7570/2020)**

**Proposed Rough stone and Gravel quarry lease over an extent of 1.15.0 Ha in S.F.No. 351/6 (P) at Puravipalayam Village of Pollachi Taluk, Coimbatore District, Tamil Nadu by Tvl. Alpha Silica Company – For Environmental Clearance.**

**(SIA/TN/MIN/155248/2020)**

The proposal was placed in the 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Tvl. Alpha Silica Company, has applied for Environmental Clearance for the proposed Rough stone and Gravel quarry lease over an Extent of 1.15.0 ha in S.F.No. 351/6 (P) at Puravipalayam Village, Pollachi Taluk, Coimbatore District, Tamil Nadu.
2. The proponent has proposed to quarry 1,38,250m<sup>3</sup> of Rough stone and 16,062m<sup>3</sup> of Gravel for the period of five years.
3. 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 with restricted to a ultimate depth of mining of 37 m leaving the last bench of 5m depth as accepted by the proponent and accordingly the production quantity of rough stone is restricted to 1,37,225 m<sup>3</sup> 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 0.75 lakhs shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Puravipalayam Village Government School as reported before obtaining the CTO from TNPCB.
16. Safety distance of 50m should be given each side from the boundary of the project site, as there is an EB line nearby to the proposed mine lease area.

**Agenda No. 160-16**

**(File No.7571/2020)**

**Proposed Rough stone Quarry Project over an Extent of 2.00.0Ha of Government land in S.F.No. 328/2 (Block – 8) of Kalpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Sri. Vinayaka Minerals – For Terms of Reference.**

**(SIA/TN/MIN/53641/2020)**

The proposal was placed in the 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

MEMBER SECRETARY  
SEAC-TN

CHAIRMAN  
SEAC-TN

1. The Proponent, Sri. Vinayaka Minerals, has applied for Terms of Reference for the proposed Rough stone Quarry Project over an Extent of 2.00.0Ha of Government land in S.F.No. 328/2(Block – 8) of Kalpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu.
2. The proponent has proposed to quarry 7,14,575m<sup>3</sup> of Rough stone and 20,000m<sup>3</sup> of Gravel for the period of five years.
3. 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 the 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 project 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 project 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 tanks, canals, ponds etc. located nearby by the proposed mining area.
3. The project 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.
4. The project 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 studies should be carried out within 10 km buffer zone from the mines.

7. A detailed report on the green belt development already undertaken is to be furnished. They should also 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 mining closure plan for the proposed project shall be submitted.
10. A detailed 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 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. A detailed post-COVID health management plan for construction workers as per ICMR and MHA guidelines.
13. A study shall be conducted on silicosis to the nearby habitants of the applied mines lease area as a part of EIA.
14. A cumulated impact assessment study shall be conducted on fugitive, air, noise emission considering the other mines located within 500m radius. At least 3 survey points shall be considered for the above study has per CPCB.
15. Considering the Environmental point of view, committee decided to restrict the ultimate depth of mining to 30m Above the Ground level and 25 m Below the Ground level (  $30 + 25 = 45$  m) as accepted by the proponent. Accordingly, revised mining plan shall be submitted along with the EIA report.

16. Prior clearance from forestry & wildlife including clearance from the 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.

**Agenda No. 160-17**

**(File No.7573/2020)**

**Proposed Savudu (Earth) Quarry project over an Extent of 0.99.5 Ha of Patta Lands in S.F.No's.18/8, 19/4, 19/5, 19/6C, 19/6D, 19/6E & 19/7A of Kothattai Village, Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu by Thiru. K. Ramalingam – For Environmental Clearance.**

**(SIA/TN/MIN/153118/2020)**

The proposal was placed in this 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. K. Ramalingam has applied for Environmental Clearance for the proposed Savudu (Earth) Quarry project over an extent of 0.99.5 Ha of Patta Lands in S.F.No's.18/8, 19/4, 19/5, 19/6C, 19/6D, 19/6E & 19/7A of Kothattai Village, Bhuvanagiri Taluk, Cuddalore 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. 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.

2. 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.
3. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
4. The transportation of the mined out product should not disturb the tank bund structures and channel course.
5. The project proponent shall undertake plantation/afforestation work by planting the native species on all sides of the tank bunds.
6. Floor of excavated pit should be levelled and sides to be sloped gently in the mine closure phase.
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 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.
10. 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).
11. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.

12. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
13. 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.
14. The amount of Rs. 0.4 lakhs shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Kothattai Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-18**

**(File No.7579/2020)**

**Proposed Rough Stone Quarry lease over an extent of 1.00.0Ha in Government Land, S.F.No. 122/1 (Block-8) of Therani Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. K. Kannan – For Environmental Clearance.**

**(SIA/TN/MIN/156068/2020)**

The proposal was placed in the 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. K. Kannan has applied for Environmental Clearance for the proposed Rough Stone Quarry lease over an Extent of 1.00.0Ha in Government Land, S.F.No. 122/1 (Block-8) of Therani Village, Alathur Taluk, Perambalur 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 to the depth of the mining is restricted from 55m (15m AGL + 40m BGL) to 45m (15m AGL + 30m BGL) considering the hydrological conditions of the surrounding area. Total Mineable Reserves as per approved mining plan is

1,92,500m<sup>3</sup> of Rough stone, it is recommended to mine as per the approved Mining plan with a condition of deducting the reserves of last 2 benches the mineable reserves recommended by SEAC after deducting the last bench is 1,90,000 m<sup>3</sup> 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 1,44,900/- shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Therani Village Government School as reported before obtaining the CTO from TNPCB.

**Agenda No. 160-19**

**(File No.7580/2020)**

**Proposed Rough stone Quarry lease over an Extent of 1.00.0Ha of Government land in S.F.No. 258 (Block-9) of Nattarmangalam Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru. A. Senthilkumar – For Environmental Clearance.**

**(SIA/TN/MIN/154012/2020)**

The proposal was placed in the 160<sup>th</sup> SEAC Meeting held on 25.06.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent is enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. A. Senthilkumar has applied for Environmental Clearance for the proposed Rough stone Quarry lease over an Extent of 1.00.0Ha of Government land in S.F.No. 258 (Block-9) of Nattarmangalam Village, Alathur Taluk, Perambalur District, Tamil Nadu.
2. The proponent has proposed to quarry 7,36,160m<sup>3</sup> of Rough Stone for the period of five years.
3. 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 to the depth of the mining is restricted from 91m to 81m (i.e., 81m AGL only recommended) considering the Environmental conditions of the surrounding area. Total Mineable Reserves as per approved mining plan is 7,36,160m<sup>3</sup> of Rough stone, it is recommended to mine as per the approved Mining plan with a condition of deducting the reserves of last 2 benches the mineable reserves recommended by SEAC after deducting the last bench is 6,54,660 m<sup>3</sup> 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. 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. 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. The project site attracts the NBWL clearance, 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.
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. 2,24,000/- shall be utilized as CER activities to carry out the development of the Toilet Facilities & Drinking Water Facilities for Nattarmangalam Village Government School as reported before obtaining the CTO from TNPCB.

MEMBER SECRETARY  
SEAC-TN



CHAIRMAN  
SEAC-TN

MEMBER SECRETARY  
SEAC-TN

CHAIRMAN  
SEAC-TN