

## STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 157<sup>th</sup> Meeting of the State Expert Appraisal Committee (SEAC) held on 20<sup>th</sup> June 2020 (Thursday) for Appraisal of Building and Construction, Distilleries & Mining projects conducted through video conference.

Agenda No. 157-01

File No.7484/2020

Proposed construction of 1400 multistoried tenements at S.F.Nos. 1105/3 in Mappedu Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by M/s. Tamil Nadu Slum Clearance Board - For Environmental Clearance  
(SIA/TN/MIS/142012/2020)

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board, has applied for Environmental Clearance for the proposed construction of 1400 multistoried tenements at S.F.Nos. 1105/3 in Mappedu Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 8(a) “Building and Constructions Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnish, the SEAC directed the proponent to furnish the following details:

1. A detailed storm water plan to drain out the water coming into the site during heavy rainy period shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development.
2. The proponent shall furnish the letter of commitment obtained from the competent Authority with details of source of water supply and necessary NOC for drawl of water.
3. The layout plan should be 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 may be of 3m all along the boundaries of the project site.

4. It was noted that the project proponent has proposed to utilise the excess treated Sewage of 464 KLD for watering the Avenue plantation & roadside trees. Hence, the proponent shall explore the possibilities of utilizing the maximum treated water within the premises accordingly, revise the water balance incorporating the complete recycle of treated sewage.
5. The unit shall revise the layout plan incorporating the basic amenities such as playground, children park, community hall, two wheeler/four wheeler parking etc.,
6. The proponent shall furnish the provision for minimum utilization of 10 % of solar energy for street light and other purpose within the premises.
7. The proposal for CER shall be furnished as per the office memorandum of MoEF & CC dated 01.05.2018 after working out the cost of project.

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

**Agenda No. 157-02**

**File No.7408/2020**

**Proposed expansion of residential cum commercial development at S.F.Nos. 19/6A1, 19/6A2, 19/6A3, 19/6B1, 19/6B2, 20/2B, 20/3, 20/4A, 20/4B, 20/4C, 20/5A1, 20/5A2, 20/5B1, 20/5B2, 37/6A, 37/7, 37/8, 37/9, 364/1B2 & 365/1B1 in Vengaivasal Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu by M/s. Navin Housing & Properties Private Limited - For Environmental Clearance**

**(SIA/TN/MIS/142012/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, M/s. Navin Housing & Properties Private Limited, has applied for Environmental Clearance for the proposed construction of 1400 multi-storied tenements at S.F.Nos. 19/6A1, 19/6A2, 19/6A3, 19/6B1, 19/6B2, 20/2B, 20/3, 20/4A,

20/4B, 20/4C, 20/5A1, 20/5A2, 20/5B1, 20/5B2, 37/6A, 37/7, 37/8, 37/9, 364/1B2 & 365/1B1 in Vengaivasal Village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu.

2. The project/activity is covered under Category “B” of Item 8(a) “Building and Constructions Projects” of the Schedule to the EIA Notification, 2006.
3. The project proponent has earlier obtained Environment Clearance for the construction of residential cum commercial development at S.F.Nos. 19/6A1, 19/6A2, 19/6A3, 19/6B1, 19/6B2, 20/2B, 20/3, 20/4A, 20/4B, 20/4C, 20/5A1, 20/5A2, 20/5B1, 20/5B2, 37/6A, 37/7, 37/8, 37/9, 364/1B2 & 365/1B1 in Vengaivasal Village, Sholinganallur Taluk, Kancheepuram District for a total built up area of 99,542.64 Sq.m vide SEIAA Lr.No.SEIAA/TN/F.No.864/EC/8(a)/219/2013 dated 26.09.2013.
4. The project proponent has furnished certified copy of the compliance report obtained from the Regional office, MoEF&CC, Chennai vide F.No.EP/12.1/2019-20/SEIAA/19/TN/1160 dated 18.07.2019.

Based on the presentation and the certified compliance report, the committee observed that the proponent has not complied most of the EC conditions such as

1. The project proponent has not obtained Consent to Establishment from the TNPCB.
2. The project proponent shall not occupy & construct any structure or utilize the land bearing S.F.No.37/9,20/5B2,19/6B1 & 19/6B2 for any of its building activity. The proponent has not furnished any photographing evidence for the same.
3. The details & Status of the STP constructed as per the EC have not been furnished.
4. For the Bio degradable waste generation OWC has not been provided.
5. For the many of EC conditions it was reported that ‘agreed to comply’ only for which action taken to comply or actual status of compliance has to be furnished.

In view of the above, the SEAC has decided to defer the proposal with a direction to resubmit the proposal along with certified compliance obtained from the competent authority after fully complying all the EC conditions.

**Agenda No. 157-03**

**File No.7394/2020**

Proposed Rough stone & Gravel quarry lease over an extent of 1.51.0 Ha in S.F.Nos. 1190/1 & 1191 of Gudalur (West) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru. P. Senthivel - For Environmental Clearance

(SIA/TN/MIN/133043/2019)

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. P.Senthivel, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.51.0 Ha in S.F.Nos. 1190/1 & 1191 of Gudalur (West) Village, Aravakurichi 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 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 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 172285 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 a 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 project proponent should be strictly followed.
3. The project proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of 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 that is fit for the growth of fodder, flora, fauna etc.
5. A 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, the suitable working methodology needs to be adopted considering wind direction.
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 project proponent shall develop an adequate green belt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture university.
10. The quarrying activity shall be stopped if the total quantity indicated in the Approved 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. 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.

13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of Rs 0.75 lakhs (2% from the total project cost) shall be utilized for improving sanitation facility, green belt development to Govt. School in Gudalur (West) as per proposal and as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The project proponent shall provide bio fencing (tree plantation) all along the boundary of the mining lease area before commencement of the mining operation in order to minimize the air pollution.

**Agenda No. 157-04**

**File No.7395/2020**

**Proposed Rough stone quarry lease over an extent of 0.88.5 Ha in S.F.Nos. 400/1, 400/2 & 400/3 of Vanjinagaram Village, Melur Taluk, Madurai District, Tamil Nadu by Thiru. R. Ashok Kumar - For Environmental clearance  
(SIA/TN/MIN/138829/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. R. Ashok Kumar., has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 0.88.5 Ha in S.F.Nos. 400/1, 400/2 & 400/3 of Vanjinagaram Village, Melur Taluk, Madurai 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 SEAC noted that from the Deputy Director, Department of Geology and Mining, Madurai vide Letter RC. No. 1051/2019-Mines dated 20.01.2020, the details of existing / abandoned quarries located within 500m radius from the proposed area are as follows:

a. Existing quarries:

1. Thiru R.Veeramani, S.F.no.399/2A(Part-2), Vanjinagaram Village - 4.00.5 Ha

b. Abandoned /Expired Quarries:

1. Thiru.Murugan, S.F.no.399/2A(Part-1), Vanjinagaram Village - 5.00.0 Ha
2. Thiru.S.Anand, S.F.no.395/2A(P), Vanjinagaram Village - 1.01.5 Ha  
(Mining operation suspended as per G.O.No.(Ms) No.262 Dated:14.12.2012)

c. Present proposed quarries

1. Thiru.R.Ashok Kumar, S.F.no.400/1, 400/2 & 400/3, Vanjinagaram Village - 0.88.50 Ha

From the DD letter it is found that under the Abandoned /Expired Quarries one quarry namely Thiru.S.Anand, S.F.no.395/2A(P), Vanjinagaram Village over an extent of 1.01.5 Ha Mining operation was suspended as per G.O.No.(Ms) No.262 Dated:14.12.2012. Hence, it is not clear whether it is Abandoned or Expired Quarries. If it is not Abandoned Quarry then the cluster total area works out to be more than 5 Ha (0.88 + 1.01.5 + 5.00.0 + 4.00.5). Hence, as per the rules, the proponent has to apply for Terms of Reference. But, the project proponent expressed, they will get revised letter from DD Geology of mines Department stating clearly whether the old quarries are abandoned or Expired Quarries along with the lease period respectively. Hence, the proposal is deferred. On receipt of the letter from the proponent the project will be reconsidered at appropriate time.

**Agenda No. 157-05**

**File No.7525/2020**

**Proposed construction of 900 EWS tenements at S.F.Nos. 251/2 & 3 in Kalanivasal Village, Karaikudi Taluk, Sivaganagi District, Tamil Nadu by M/s. Tamil Nadu Slum Clearance Board - For Environmental Clearance (SIA/TN/MIS/ 134566/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board, has applied for Environmental Clearance for the proposed construction of 900 EWS tenements at S.F.Nos. 251/2 & 3 in Kalanivasal Village, Karaikudi Taluk, Sivaganagi District, Tamil Nadu.

2. The project/activity is covered under Category “B” of Item 8(a) “Building and Constructions Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC has decided to recommend the proposal for the issue of environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
2. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
3. The proponent has to prepare the layout out plan to be submitted for CMDA/DTCP approval in which earmarked the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site as submitted to SEIAA.
4. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
5. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
6. The height of the stack of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the TNPCB/CPCB.
8. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
9. The project Proponent shall provide Bio Methanation plant for the disposal of the Organic waste since the generation biodegradable waste is more than one Tons and Non-Bio degradable waste to be regularly collected and disposed through TNPCB authorized recycler.
10. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.



11. The proponent shall spend the CER amount of Rs. 126 Lakhs as per the office memorandum of MoEF& CC dated 01.05.2018 for the Improvement of School Infrastructure sanitation facility, Drinking Water treatment plant & Solar Lighting activities as proposed by the proponent, before obtaining the CTO from the TNPCB.

**Agenda No. 157-06**

**File No.7477/2020**

**Proposed Gravel quarry lease over an extent of 1.86.0 Ha in S.F.Nos. 174/5B of Andimadam Village, S.F.No. 9/4 & 9/6 of Vilanthai (North) Village, Andimadam Taluk, Ariyalur District, Tamil Nadu by Thiru. A.Vijayakandipan - For Environmental Clearance (SIA/TN/MIN/138882/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. A.Vijayakandipan has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 1.86.0 Ha in S.F.Nos. 174/5B of Andimadam Village, S.F.No. 9/4 & 9/6 of Vilanthai (North) Village, Andimadam 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.

The SEAC noted from the online application in the PARIVESH portal the Deputy Director, Geology and Mining Department, Ariyalur vide RC.No.229/G&M/2018 dated 29.07.2019 the details of existing / abandoned quarries a located within 500m radius from the proposed area are as follows:

(i) **Details of existing mine:**

Sl. No	Name of the lessee/applicant	Taluk & Village	S.F.Nos	Extent (in Hect)	Mineral	Lease Period
1.	Thiru.R.Vikramathithan S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1B, 8/3, 8/4, 8/5, 8/6, 8/7, 8/8, 8/9,8/10 8/11,8/1 2, 8/13, 8/14,8/1 6, 8/17 & 8/18	1.65.0	Gravel	29.01.2018 to 28.01.2021

(ii) **Details of Lease period expired/abandoned mine:**

Sl. No	Name of the lessee / applicant	Taluk & Village	S.F. Nos	Extent (in Hect)	Mineral	Lease period applied/ Granted
1.	Thiru.R.Vikramathithan S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1A,8/2,9 /2,9/3,9/7 A,9/7B,9/ 7C,9/8A,9 /8B,9/8C, 9/9,9/10A, 9/10B	2.28.0	Gravel	27.02.2014 to 26.02.2017

2.	Thiru.R.Vikramathithan S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Andimadam	19/1B	3.91.5	Gravel	02.11.2015 to 01.11.2018
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(iii) **Details of proposed mine:**

Sl. No	Name of the lessee/ applicant	Taluk & Village	S.F. Nos	Extent (in Hect)	Mineral	Lease period
1.	Thiru.A.Vijayakandipan S/o.Arunachalam, Door No.233, Middle Street, Silambur Post, Andimadam Taluk, Ariyalur District.	Andimadam & Andimadam Vilanthai	174/5B, 9/4 & 9/6	1.86.0	Gravel	----

Further, from the presentation made by the Project proponent, it was noticed that in the same reference (vide RC.No.229/G&M/2018 dated 29.07.2019) the Deputy Director, Geology and Mining Department, Ariyalur vide RC.No.229/G&M/2018 dated 29.07.2019 the details of existing / abandoned quarries a located within 500m radius from the proposed area are as follows:

**(i) Details of existing mine:-**

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hect)	Minerals
1.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1B, 8/3, 8/4, 8/5, 8/6, 8/7, 8/8, 8/9,8/10,8 /11, 8/12, 8/13, 8/14,8/16, 8/17& 8/18	1.65.0	Gravel

**(ii) Details of Abandoned mine:-**

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
1.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1A, 8/2, 9/2, 9/3, 9/7A, 9/7B, 9/7C, 9/8A, 9/8B, 9/8C, 9/10A, 9/10B	2.28.0	Gravel
2.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Andimadam	19.1B	3.91.5	Gravel

**(iii) Details of expired mine:-**

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
----- Nil -----					

**Details of expired mine:-**

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
1.	Thiru.A.Vijaykandipan, S/o.Arunachalam, Door. No. 233. Middle Street, Silambur Post, Andimadam Taluk, Ariyalur District.	Andimadam & Andimadam Vilanthai	174/5B, 9/4, & 9/6	1.86.0	Gravel

During presentation the proponent has displayed the 500 m radius cluster letter obtained from Deputy Director, Geology and Mining Department, Ariyalur in which the details of period of operation of the Expired / abandoned quarries were not mentioned, whereas on verification on the online application in the PARIVESH portal the period of operation was mentioned and also content also different from the hardcopy of the file. The SEAC further noted that the reference of the letter are one at the same (vide RC.No.229/G&M/2018 dated 29.07.2019).

Hence, SEAC decided to defer the proposal with a recommendation to SEIAA that the detailed clarification may be obtained from the Deputy Director, Geology and Mining Department, Ariyalur to know the genuinity of the content of the letter. On receipt of the letter from the concerned authority project will be reconsidered at appropriate time.

**Agenda No. 157-07**

**File No.7479/2020**

**Proposed Rough stone quarry lease over an extent of 3.17.08 Ha in S.F.Nos. 80/1, 80/2 & 81/1 of Midthepalli Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. D.Sreenivasalu - For Terms of Reference**

**(SIA/TN/MIN/51643/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. D.Sreenivasalu, has applied for Terms of Reference for the proposed Rough stone quarry lease over an extent of 3.17.08 Ha in S.F.Nos. 80/1, 80/2 & 81/1 of Midthepalli Village, Shoolagiri 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 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 31m Above the Ground level and 14 m Below the Ground level (  $31 + 14 = 45$  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. 157-08**

**File No.7456/2020**

**Proposed development of "North Mall" at S.F.No New survey number T.S.No. 15(old survey No.R.S. Nos. 169/1B 1pt, 170/2A pt, 170/2B pt & 1733 2pt) in, Thiruvottiyur Village, Thiruvottiyur Taluk, Chennai District by M/s. Alwarpet properties private Limited - For Environmental Clearance.**

**(SIA/TN/MIS/143805/2020)**

The proposal was placed in the 149<sup>th</sup> SEAC Meeting held on 14.03.2020. 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. Alwarpet properties private Limited has applied for Environmental Clearance for the proposed development of "North Mall" at S.F.No

New survey number T.S.No. 15(old survey No.R.S. Nos. 169/1B 1pt, 170/2A pt, 170/2B pt & 1733 2pt) in, Thiruvottiyur Village, Thiruvottiyur Taluk, Chennai District.

2. The project/activity is covered under Category “B” of Item 8(a) “Building and Constructions Projects” of the Schedule to the EIA Notification, 2006.
3. The site falls in CRZ - I zone. Hence, the project proponent has obtained CRZ Clearance from TNSCZMA has been obtained vide TNCZMA Proc.No.P1/212/2019 dated: 08.03.2019 subject to certain conditions.

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

1. The Proponent shall revise the STP design, propose grey water treatment plant and furnish the design details and duly vetted by a reputed Government institution.
2. The proponent shall furnish the copy of agreement made with the authorized dealers for the disposal of the Solid waste and E waste.
3. The site is near to Tondiarpet Tollgate bus depot @25m, proposed Metro station at Tollgate is @30m & MTC bus services are available on three sides of the project in North Terminus Road, in Thiruvottiyur Highway and in Ennore Express Road. Hence, traffic survey using a suitable Model considering the above factor and furnish the predicted emission.
4. From the CMDA land use classification map it was noticed that the site falls under the industrial zone classification. Hence, the land conversation from industrial zone to commercial zone shall be obtained from the competent Authority.
5. The proponent shall furnish the detailed storm water drainage plan and the Flood Management plan along with the contour map based on the 2015 Flood.
6. The proponent shall carry out the Traffic survey and traffic modeling in at least two vulnerable sites and submit the report.
7. From the photograph produced from the proponent during presentation it was noticed debris at the site. Hence, the details related to the demolished building in the site and the quantum of the demolished material and how it's managed shall be elaborated.
8. The proposed commercial building consists of cinema hall, super market. Hence, the detail related to the solid waste management shall be furnished.

Hence the SEAC has decided that on receipt of the above said details, the proponent would make a presentation for further consideration of the proposal. Accordingly the project proponent furnished reply dated 27.05.2020.

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. Based on the presentation made by the proponent and the documents furnished, the committee decided that the details presented by the project proponent reveals that only for 2 out of 8 details requested have been provided fully and for one requirement it is partly. Hence, the proponent was directed to provide the details of the following points:

1. The site is near to Tondiarpet Tollgate bus depot @25m, proposed Metro station at Tollgate is @30m & MTC bus services are available on three sides of the project in North Terminus Road, in Thiruvottiyur Highway and in Ennore Express Road. Hence, traffic survey using a suitable Model considering the above factor and furnish the predicted emission.
2. The project proponent shall obtained flood inundation certificate from the PWD considering the 2015 flood management plan. Further, the proponent shall furnish the detailed storm water drainage plan and the Flood Management plan along with the contour map based on the 2015 Flood.
3. The proponent shall carry out the Traffic survey and traffic modeling in at least two vulnerable sites and submit the report.
4. The proponent shall furnish the agreement made with the authorized dealers for the disposal of the E- waste.
5. The details related to the demolished building in the site and the quantum of the demolished material and how it's managed shall be elaborated along with the certificate obtained from Great Chennai Corporation shall be furnished.

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



**Agenda No. 157-09**

**File No.7471/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 4.71.5 Ha in S.F.Nos. 498/2 of Valathy Village, Melamalayanur Taluk, Villupuram District, Tamil Nadu by M/s. K.S.G. Blue Metals - For Environmental Clearance  
(SIA/TN/MIN/140088/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, M/s. K.S.G. Blue Metals, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 4.71.5 Ha in S.F.Nos. 498/2 of Valathy Village, Melamalayanur Taluk, Villupuram 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 following conditions in addition to normal conditions:

1. Groundwater level and quality should be monitored once in six months in a 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 project proponent should be strictly followed.
3. The project proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of 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 that is fit for the growth of fodder, flora, fauna etc.

5. A 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, the suitable working methodology needs to be adopted considering wind direction.
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 project proponent shall develop an adequate green belt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture university.
10. The quarrying activity shall be stopped if the total quantity indicated in the Approved 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. 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.
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.

15. The CER fund of Rs.2.5 lakhs (2% from the total project cost) shall be utilized for Sanitization facilities to the Habitation belongs to Valathy village (430m South East) side and water purifier to the Government higher secondary school Valathy village as per proposal and as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The project proponent shall provide bio fencing (tree plantation) all along the boundary of the mining lease area before commencement of the mining operation in order to minimize the air pollution.

**Agenda No. 157-10**

**File No.7472/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 1.89.0 Ha in S.F.Nos. 177/8A, 177/8B, 177/8C, 177/8D, 177/9A, 177/9C, 177/9D, 177/9E, 177/9F, 177/9G, 177/9H, 177/9I, 177/9J & 177/9K of Kodimangalam Village, Madurai West Taluk, Madurai District, Tamil Nadu by Thiru. P. Ashok Kumar - For Environmental Clearance  
(SIA/TN/MIN/144799/2020)**

The proposal was placed in this 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. P. Ashok Kumar, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.89.0 Ha in S.F.Nos. 177/8A, 177/8B, 177/8C, 177/8D, 177/9A, 177/9C, 177/9D, 177/9E, 177/9F, 177/9G, 177/9H, 177/9I, 177/9J & 177/9K of Kodimangalam Village, Madurai West Taluk, Madurai 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.

The SEAC noted from the online application in the PARIVESH portal the Deputy Director, Geology and Mining Department, Madurai vide RoC.No.768/2019-mines, dated 06.02.2020 the details of existing / abandoned quarries a located within 500m radius from the proposed area are as follows:

**a. Existing quarries**

Sl No	Name of the Owner	Village and S.F. No	Extent in Hects
1.	Nil		

**b. Abandoned / expired quarries**

Sl No	Name of the Owner	Village and S.F. No	Extent in Hects
1.	P. Vijaya karthick (Lease period expired)	Kodimangalam Village S.F. Nos. 240/1, 240/2 & 240/3	4.20.50

**c. Present proposed quarries**

Sl No	Name of the Owner	Village and S.F. No	Extent in Hects
1.	D.Rajendiran (As per representation dated 03.02.2020)	Kodimangalam Village 238/8A etc	3.02.01
	P.Asokkumar	Kodimangalam Village 177/8A etc	1.89.00

During presentation, the proponent has displayed the 500 m radius cluster letter obtained from the Deputy Director, Geology and Mining Department, Madurai wherein the details of period of operation of the Expired / abandoned quarries were not mentioned, further the content is also different from the hardcopy of the file.

Hence, the SEAC has decided to defer the proposal with a recommendation to SEIAA that the detailed clarification may be obtained from the Deputy Director, Geology and Mining Department, Madurai to know the genuinity of the content of the letter. On receipt of the letter from the concerned authority project will be reconsidered at appropriate time.

**Agenda No. 157-11**  
**File No.7476/2020**

**Proposed Gravel quarry lease over an extent of 1.93.0 Ha in S.F.Nos. 3/11A, 3/11B, 6/1B & 6/2B1 of Vilanthai(North) Village, Andimadam Taluk, Ariyalur District, Tamil Nadu by Thiru.**

**A.Vijayakandipan - For Environmental clearance**  
**(SIA/TN/MIN/139028/2020)**

The proposal was placed in this 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. A.Vijayakandipan, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 1.93.0 Ha in S.F.Nos. 3/11A, 3/11B, 6/1B & 6/2B1 of Vilanthai(North) Village, Andimadam 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.

The SEAC noted from the online application in the PARIVESH portal the Deputy Director, Geology and Mining Department, Ariyalur vide RC.No.317/G&M/2018 dated 29.07.2019 the details of existing / abandoned quarries a located within 500m radius from the proposed area are as follows:

(i) **Details of existing mine:**

Sl. No	Name of the lessee/applicant	Taluk & Village	S.F.Nos	Extent (in Hect)	Mineral	Lease Period
1.	Thiru.R.Vikramathithan, S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1B, 8/3, 8/4, 8/5, 8/6, 8/7, 8/8, 8/9,8/108 /11,8/12; 8/13, 8/14,8/16 , 8/17 & 8/18	1.65.0	Gravel	29.01.2018 to 28.01.2021

(ii) **Details of Lease period expired/abandoned mine:**

Sl. No	Name of the lessee / applicant	Taluk & Village	S.F. Nos	Extent (in Hect)	Mineral	Lease period applied/ Granted
1.	Thiru.R.Vikramathithan S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1A,8/2, 9/2,9/3,9 /7A,9/7B, 9/7C,9/8A ,9/8B,9/8 C,9/9,9/1 0A,9/10B	2.28.0	Gravel	27.02.2014 to 26.02.2017

2.	Thiru.R.Vikramathithan S/O.Ramakrishnan, Silambur Post, Andimadam Taluk, Ariyalur.	Andimadam & Andimadam	19/1B	3.91.5	Gravel	02.11.2015 to 01.11.2018
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(iii) **Details of proposed mine:**

Sl. No	Name of the lessee/ applicant	Taluk & Village	S.F. Nos	Extent (in Hect)	Mineral	Lease period
1.	Thiru.A.Vijayakandipan S/o.Arunachalam, Door No.233, Middle Street, Silambur Post, Andimadam Taluk, Ariyalur District.	Andimadam & Vilanthai	6/1B,6/2 B1,3/11A, 3/11B	1.93.0	Gravel	----

Further, from the presentation made by the Project proponent, it was noticed that in the same reference (vide RC.No.317/G&M/2018 dated 29.07.2019) the Deputy Director, Geology and Mining Department, Ariyalur vide RC.No.317/G&M/2018 dated 29.07.2019 the details of existing / abandoned quarries a located within 500m radius from the proposed area are as follows:

i. **Details of existing mine:-**

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
1.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1B, 8/3, 8/4, 8/5, 8/6, 8/7, 8/8, 8/9,8/10,8 /11, 8/12, 8/13, 8/14,8/16, 8/17& 8/18	1.65.0	Gravel

ii. Details of Abandoned mine:-

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
1.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Vilanthai	8/1A, 8/2, 9/2, 9/3, 9/7A, 9/7B, 9/7C, 9/8A, 9/8B, 9/8C, 9/10A, 9/10B	2.28.0	Gravel
2.	Thiru.R.Vikramathithan, S/o.Ramakrishnan, Silambar Post, Andimadam Taluk, Ariyalur.	Andimadam & Andimadam	19.1B	3.91.5	Gravel

iii. Details of expired mine:-

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
----- Nil -----					

iv. Details of proposed mine:-

Sl. No.	Name of the lessee / applicant	Taluk & Village	S.F.Nos.	Extent (in Hects)	Minerals
1.	Thiru.A.Vijaykandipan, S/o.Arunachalam, Door. No. 233. Middle Street, Silambar Post, Andimadam Taluk. Ariyalur District.	Andimadam & Vilanthai	6/1B, 6/2 B1, 3/11A, 3/11B	1.93.0	Gravel

During presentation, the proponent has displayed the 500 m radius cluster letter obtained from the Deputy Director, Geology and Mining Department, Ariyalur in which the details of period of operation of the Expired/abandoned quarries were not mentioned, whereas on verification on the online application in the PARIVESH portal the period of operation was



mentioned and also content also different from the hardcopy of the file. The SEAC further noted that the reference of the letter were one at the same (vide RC.No.317/G&M/2018 dated 29.07.2019).

Hence, the SEAC decided to defer the proposal with a recommendation to SEIAA that the detailed clarification may be obtained from the Deputy Director, Geology and Mining Department, Ariyalur to know the genuinity of the content of the letter. On receipt of the letter from the concerned authority project will be reconsidered at appropriate time.

**Agenda No. 157-12**

**File No.7342/2019**

**Proposed Distillery unit the capacity of 45KLPD at S.F.Nos. 75/1, 78/2B, 79/2B, 79/1A1, 79/3A1 & 80/1 in Odappalli Village, Kumarapalayam Taluk, Namakkal District, Tamil Nadu by M/s. Ponni Sugars(Erode) Limited - For Terms of Reference (SIA/TN/IND2/48044/2019)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, M/s. Ponni Sugars(Erode) Limited, has applied for Terms of Reference for the Proposed Distillery unit the capacity of 45KLPD at 75/1, 78/2B, 79/2B, 79/1A1, 79/3A1 & 80/1 in Odappalli Village, Kumarapalayam Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 5(g) “Distilleries” 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 Distilleries and information to be included in EIA/EMP report issued by the MoEF & CC.

1. Cauvery River located within 1 km from the Project site. The Project site attracts G.O.Ms.No.213 (ENVIRONMENT AND FORESTS (EC-I) DEPARTMENT) Dated the 30.03.1989 & G.O. MS.No. (ID) 223/E&F/EC.III/dated. 2.9.1998. Hence, the project proponent shall obtain G.O Relaxation for the above site before preparing EIA report.
2. The project proponent shall examine for providing Multiple Effect Evaporator (MEE) or Agitated Thin Film Evaporator (ATFD) instead of providing Elevated Solar Evaporation pan for the Wet Scrubber bleed off.
3. The Sewage Treatment Plant shall be provided for treating the sewage generation from the unit premises instead of septic tank followed by soak pit arrangement. The treated sewage shall be utilized for the gardening within the unit premises.
4. The project proponent shall furnish the cumulative impact considering the surrounding industries for Air, Noise, Fugitive, solid waste, Hazardous waste, etc. The incremental increase in the load of pollution shall be part of EIA study.
5. A Detailed post-COVID health management plan for construction workers as per ICMR and MHA guidelines.
6. The Socio economic studies should be carried out within 10 km buffer zone from the project site.
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 project.
8. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
9. 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.
10. Detail of the Risk assessment study shall be furnished.
11. Details of odour management shall be part of EIA study.
12. Details of Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company will adopted to keep them within PEL so that health of the workers can be preserved. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

13. Details of raw materials such as molasses/grains, their source with availability.
14. 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.

**Agenda No. 157-13**

**File No.7427/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 4.52.0 Ha in S.F.Nos. 1547, 1548/2, 1548/3, 1550/1C, 1550/2A & 1550/2B of Melmangalam Bit-II Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. V. Aadimoolam - For Environmental Clearance (SIA/TN/MIN/142008/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. V. Aadimoolam, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 4.52.0 Ha in S.F.Nos. 1547, 1548/2, 1548/3, 1550/1C, 1550/2A & 1550/2B of Melmangalam Bit-II Village, Periyakulam Taluk, Theni 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 SEAC directed the proponent to furnish the following details:

1. The lease applied area for mining is in the upstream of the Vaigai dam at 175 m. Further, it was ascertained that the lease applied area for the mining falls under the water spread area. Hence, the project proponent shall obtain NoC/ permission from the EE, PWD, Theni district for the permitting the above activity with specific remarks.
2. The project proponent is proposed to mine for a ultimate depth of 47 m below the ground level. A detailed vibration impact study and hydrological impact study shall be conducted by a reputed Government institutions like IIT,NIT,Anna University, Neeri, etc, in order to assess the impact on the Vaigai dam stability and the impact on the inflow into the Vaigai Dam, respectively.

The SEAC directed the proponent to furnish the above said details and on receipt of aforesaid details, the SEAC would further deliberate on this project and decide the further course of action.

**Agenda No. 157-14**

**File No.7504/2020**

**Proposed Gravel quarry lease over an extent of 3.69.22 Ha in S.F.Nos. 36 & 37/1 (Part) of Puthur Pallapalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru. M. Swaminathan - For Environmental Clearance  
(SIA/TN/MIN/148062/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. M. Swaminathan, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 3.69.22 Ha in S.F.Nos. 36 & 37/1(Part) of Puthur Pallapalayam Village, Uthukuli 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 a 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 project proponent should be strictly followed.
3. The project proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of 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 that is fit for the growth of fodder, flora, fauna etc.
5. A 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, the suitable working methodology needs to be adopted considering wind direction.
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 project proponent shall develop an adequate green belt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture university.
10. The quarrying activity shall be stopped if the total quantity indicated in the Approved 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. 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.

13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of Rs.1 lakhs (2% from the total project cost) shall be utilized for developing the bund in the Sengilipalayam Eri (420m West) as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The project proponent shall provide bio fencing (tree plantation) all along the boundary of the mining lease area before commencement of the mining operation in order to minimize the air pollution.

**Agenda No. 157-15**

**File No.7434/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 1.17.0 Ha in S.F.Nos. 36 277/1C1A (P) & 277/1B(P) of Servaikkarapalayam Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru. P.Shanmugavadivelu - For Environmental clearance (SIA/TN/MIN/140952/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The Project proponent has not turned up for the meeting. (Absent).

**Agenda No. 157-16**

**File No.7518/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 1.12.86 Ha in S.F.Nos. 10/2A of Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. S.Balakumar - For Terms of Reference (SIA/TN/MIN/52244/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. S.Balakumar, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 1.12.86 Ha in S.F.Nos. 10/2A of Kodangipalayam Village, 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 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 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. 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. 157-17**

**File No.7483/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 3.22.5 Ha in S.F.Nos. 81/1, 81/2, 81/3, 81/4, 81/5, 82/1, 82/3, 82/4, 82/6 & 82/7 of Sevur Village, Thiruppathur Taluk, Sivagangai District, Tamil Nadu by Thiru. S.Vairavan - For Environmental clearance (SIA/TN/MIN/142080/2020)**

The proposal was placed in this 157<sup>th</sup> SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:



1. The Proponent, Thiru. S.Vairavan, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.22.5 Ha in S.F.Nos. 81/1, 81/2, 81/3, 81/4, 81/5, 82/1, 82/3, 82/4, 82/6 & 82/7 of Sevrur Village, Thiruppathur Taluk, Sivagangai 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, Sivagangai District vide RoC.No.M2/97/2019 dated 04.12.2019 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, Sivagangai 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 5hectare, 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. 157-18**

**File No.7480/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 3.64.5 Ha in S.F.Nos. 179/2(P) of Edayarpalayam Village, Sulur Taluk, Coimbatore District, Tamil Nadu by Tmt. N.Chithradevi - For Environmental clearance**

**(SIA/TN/MIN/142080/2020)**

The proposal was placed in this 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Tmt. N.Chithradevi has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.64.5 Ha in S.F.Nos. 179/2(P) of Edayarpalayam Village, Sulur 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 made by the proponent and the documents furnished, the committee noted that the Letter obtained from the Assistant Director, Department of Geology and Mining, Coimbatore District vide RC.No.614/Mines/2018 dated 18.11.2019 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, Coimbatore 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 approved.

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

**Agenda No. 157-19**

**File No.7522/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 0.80.0 Ha in S.F.Nos. 117/1(Part) & 117/2(Part) of Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. R.Ganesan - For Terms of Reference (SIA/TN/MIN/52237/2020)**

The proposal was placed in this 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:

1. The Proponent, Thiru. R.Ganesan, has applied for Terms of Reference for the proposed Rough stone & Gravel quarry lease over an extent of 0.80.0 Ha in S.F.Nos. 117/1(Part) & 117/2(Part) of Kodangipalayam Village, 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 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. 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. 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.
16. It was noted that the nearby the proposed quarry another quarried pit were noticed belong to the proponent. Hence, the depth and the quantity of mined out area shall be furnished.

**Agenda No. 157-20**

**File No.7435/2020**

**Proposed Rough stone & Gravel quarry lease over an extent of 2.04.0 Ha in S.F.Nos. 710/1A2 of Thanakkarkulam Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tmt. N.Praba Nagalingam - For Environmental clearance  
(SIA/TN/MIN/136716/2020)**

The proposal was placed in this 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are enclosed as Annexure.

The SEAC noted the following:


1. The Proponent, Tmt. N.Praba Nagalingam, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.04.0 Ha in S.F.Nos. 710/1A2 of Thanakkarkulam Village, Radhapuram Taluk, Tirunelveli 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 SEAC directed the proponent to furnish the following details:

1. It was ascertained that Kudankulam Nuclear Power Plant is close proximate to the mining lease area. Hence, the project proponent shall obtain NoC Kudankulam Nuclear Power Plant (Nuclear Power Corporation of India Limited) shall be obtained for the operation of mines.
2. The mining lease area is surrounded by the water bodies of tank at 820 meter, koneri River at 1 km in the north west direction and Elambalur lake at 1.3 km. it was felt by the Committee that the project proponent shall conduct a hydrological study to know the impact of the mining activity on the water bodies if any.

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

MEMBER SECRETARY  
SEAC-TN



CHAIRMAN  
SEAC-TN

MEMBER SECRETARY  
SEAC-TN

CHAIRMAN  
SEAC-TN