

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

<sup>1st day of</sup>  
Minutes of the 140<sup>th</sup> Meeting of the State Expert Appraisal Committee (SEAC) held on 09<sup>th</sup> December 2019 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects at Conference Hall, 2<sup>nd</sup> floor (down), Panagal Maligai, Saidapet, Chennai.

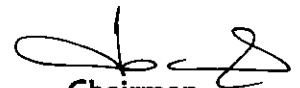
Agenda No: 140-01-01

(File.No.7191/2019)

Proposed to develop IT / ITES complex at S.No: 5/5, Seevaram Village, Tambaram Taluk, Kancheepuram District by M/s. Alwarpet Properties Pvt. Ltd-For Environmental Clearance.  
(SIA/TN/MIS/120368/2019)

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. The proposed development will comprise a single Block, Stilt + 1<sup>st</sup> to 3<sup>rd</sup> floors for parking and 4<sup>th</sup> to 11<sup>th</sup> floors for office. The plot area is 6,686.76 Sq.m, with total built – up area of 30,087.48 Sq.m. Green belt area of 1196.16 Sq.m (17.89 %) shall be provided.
2. The water required during construction phase shall be 61 kLD out of which 3kLD will be utilized for domestic requirement, 3 kLD for flushing needs, 50 kLD for construction purpose alone and 5 kLD for miscellaneous applications like dust suppression, etc. The water requirement during construction phase will be met through Authorized Tankers. Mobile toilets will be installed with periodical cleaning, thereby avoiding unhygienic condition leading to health hazards.
3. The total occupancies for the proposed IT / ITES Development is estimated to be 4750 Nos. inclusive of facility maintenance staff and visitors.
4. The total water requirement for operational phase is estimated to be 206 kLD and freshwater requirement will be of 113 kLD. The grey water generated from the proposed IT/ITES complex is separated and treated in a Grey water Treatment plant of capacity

  
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90 kLD. The sewage generated will be of 74 kLD and the treated grey water of 70 kLD will be used for flushing. The development shall have an In-House STP of capacity 150kLD based on MBR Technology, for treating sewage of 115 kLD. The treated sewage shall be 109 kLD, out of which 23 kLD shall be reused for flushing requirements, and 4 kLD for green belt and remaining 82 kLD for HVAC. Thus, ensuring Zero Liquid Discharge.

5. Solid waste generation from the facility is estimated as 0.95 MT/day, out of which 0.38 MT shall be biodegradable and 0.57MT non biodegradable waste. The biodegradable fraction will be treated by means of Organic Waste Converter, while the non-biodegradable entity shall be disposed through Authorized Waste Recyclers. The sludge generated shall be 33 kg/day, which will be used as manure within the greenbelt premises.
6. The power requirement of 1.65 MW for the proposed project will be sourced from Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO). 3 Nos of 500 KVA DG sets shall be used as power backup, with exhaust stack routed to the top of the main building through and exhausted at an elevation of 2 mts above the roof [ 47.5 m from FGL]. The DG sets shall be provided with Acoustic enclosures to ensure that no noise propagates outside.
7. Rainwater harvesting shall be done by harvesting roof top rainwater and collection of surface run-off. Roof top rainwater directed to 2 nos. of 50 KL rainwater sumps. Surface run-off is diverted to the storm water drain with cross- section@ 1m \* 1m that will be laid all along the boundary and will be percolated through 23 nos. of Soak well (0.6m Dia).
8. The project proposes INR 101 Lakhs towards environmental management plan during construction phase and INR 435 Lakhs towards the same for operational phase.
9. The total cost of the project is about INR 73.80 Crores.

The SEAC noted the following:

  
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1. The Proponent M/s. Alwarpet Properties Pvt. has applied for Environmental Clearance for Proposed to develop IT / ITES complex at S.No: 5/5, Seevaram Village, Tambaram Taluk, Kancheepuram District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

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

1. The contour level of the proposed site shall be measured and furnished. Based on contour map, a detailed storm water drainage plan shall be prepared considering the flood occurred in the year 2015 and also considering the surrounding developments.
2. The layout plan shall be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be atleast 3m wide all along the boundaries of the project site. The green belt area should be not be less than 15% of the total land area of the project.
3. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.
4. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
5. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.
6. Details of Rainwater harvesting system proposed should be furnished.
7. Cumulative Impacts of the project considering with other infrastructure developments in the surrounding environs shall be furnished.
8. 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 as per PWD guidelines.

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

  
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Agenda No. 140-01-02

(File No. 1941/2013)

The project proponent M/s.Seshasayee Paper and Boards Limited has applied for Amendment of Environmental Clearance to send a part of the Deinked Waste Paper Pulp from Seshasayee Paper and Boards Limited at Tirunelveli to M/s. Seshasayee Paper and Boards Limited, Unit: Erode for making paper in Erode unit- Amendment in the Environment Clearances

(SIA/TN/IND/26111/2015)

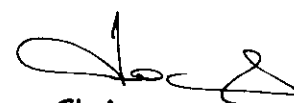
The project proponent M/s. Seshasayee Paper and Boards Limited has obtained Environmental clearance from SEIAA to produce 1, 65,000 TPA paper and 1, 80,000 TPA pulp. Accordingly TNPCB consent order for Paper (product) and Pulp (intermediate product) using raw materials of 57,800 TPA of bagasse and 3, 17,000 TPA of wood was obtained by the proponent.

The proponent request for amendment in the Environmental Clearance obtained vide EC dated 01.04.2015:

Existing	To read as
"Production of Waste Paper Pulp – 58,000 TPA by re-commissioning of De-inking Plant for Captive use"	"Production of Waste Paper Pulp – 58,000 TPA by recommissioning of De-inking Plant for captive use in the Tirunelveli unit and transport & use the excess in Erode"

The SEAC noted that the amendment requested by the project proponent at present shall not be considered by SEAC for the Tirunelveli plant because the Erode unit has obtained Environment Clearances from the MoEF&CC. Hence, the project proponent was requested to obtain the necessary amendment in the Environment Clearances issued by the MoEF&CC for production of the waste paper pulp of 58,000 TPA by recommissioning of De-inking plant for captive use in Unit: Tirunelveli and Unit: Erode".

Now the project proponent has obtained amendment on the EC issued by MoEF&CC and applied for amendment on the same.

  
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The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation.

The SEAC noted the following:

1. The Proponent M/s.Seshasayee Paper and Boards Limited has applied for amendment on Environment Clearance to send a part of the Deinked Waste Paper Pulp from Seshasayee Paper and Boards Limited, Unit: Tirunelveli to Seshasayee Paper and Boards Limited, Unit: Erode for Captive use Erode unit.
2. The project/activity is covered under Category "B" of Item 5(i) "Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp without bleaching" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details;

1. How much to be transported.
2. Type of vehicle used for transport
3. Precautionary measures taken to avoid spillage during transport.
4. Comparative statement of the material balance for the two units after the transportation.
5. Precautionary measures to be taken in case of accident and its risk mitigation plan
6. Proposal of GPS tracking to transport between two units

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

  
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**Agenda No. 140-01-03**

**(File No. 7236/2013)**

**Proposed construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu by M/s. Casagrand Magick Ruffy Private Limited – For Environment Clearance (SIA/TN/MIS/122350/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at latitude 13° 5'51.93"N and longitude 80° 9'14.23"E.
2. The project involves construction of residential building comprises of 3 blocks; block 1, 2 & 3 : Combined Basement for Block 1 & 2, Combined Stilt for Block 1 & 2, Block 1 – 1 to 14 Floors, Block 2 – 1 to 14 Floors and Block 3 - Basement+ Stilt + Fourteen Floors with total number of 1005 dwelling units.
3. Total land area is 32757 Sq.m & The total built-up area of the proposed residential development is 141607.15 Sq.m
4. The green belt area proposed for the project is 4914 Sq.m. (15% of total land area).
5. The daily fresh water requirement is 455 kLD to be sourced from CMWSSB.
6. The grey water of 432 kLD will be let into the grey water treatment system (450 kLD). After grey water treatment, 410 kLD of treated water will be generated, out of which 233 will be used for flushing, 17 kLD for gardening, 14 kLD for OSR and remaining 367 kLD will be sent to avenue plantation.
7. Black water generated from Flushing (233 kLD) will let into the sewage treatment plant(250 kLD). Treated sewage will be sent to avenue plantation.
8. The bio degradable solid waste (1884 kg/day) will be treated in Bio methanation plant machine and the manure generated will be used for landscaping purpose within project site. The non bio degradable solid waste (1256 kg/day) will be handed over to Authorized recyclers.

  
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9. About 51 nos. of recharge pit with dia.0.3 m and depth 3 m will be provided. Rain water collection sump of 5 numbers of each capacity 20 kLD is also proposed to be provided for collection of roof top run off.

About 4 nos. of recharge well with dia.4 m and height 6m will be provided.

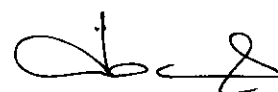

10. The proponent is proposed to install 4 no. DG sets 1 No of 200 kVA, 1 No of 300 kVA, 1 No of 330 kVA and 2 Nos of 330 kVA each with a stack height of 48m.

The SEAC noted the following:

1. The Proponent M/s. Casagrand Magick Rufy Private Limited has applied for Environmental Clearance for the Proposed construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, Tiruvallur District,
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

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

1. The contour level of the proposed site shall be measured and furnished and based on the contour map, a detailed storm water drainage plan shall be prepared considering the flood occurred in the year 2015 and also considering the surrounding developments.
2. The layout plan furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be atleast 3m all along the boundaries of the project site, but the total green belt area should be not less than 15% of the total land area of the project.
3. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.

  
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4. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
5. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.
6. Details of Rainwater harvesting system proposed should be furnished.
7. Cumulative Impacts of the project considering with other infrastructure developments on the surrounding environs shall be furnished.
8. 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 as per PWD guidelines.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No.1 to 8) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site proposed for the construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, District since the water canal passing through the site.

Based on the site inspection report of the sub-committee, SEAC would further deliberate on this project and decide the further course of action.

**Agenda-140-01-04**

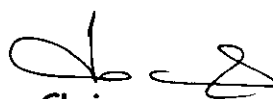
**File No.7150/2019**

**Proposed Rough stone and Gravel quarry lease over an extent of 2.52.0Ha in S.F.No. 688 (P) at Myvadi Village, Madathukulam Taluk, Tiruppur District Tamil Nadu by Thiru. R.Jagadeeswaran– For Terms of Reference (ToR).**

**(SIA/TN/MIN/47808)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

  
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The quarry lease was applied in the name of Thiru. R.Jagadeeswaran, Tiruppur, Precise Area Communication was issued by the District Collector, Tiruppur vide Rc.No.1302/Mines/2017 Dated: 19.04.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.52.0Ha in S.F.No. 688 (P) at Myvadi Village, Madathukulam Taluk, Tiruppur District.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The mining plan was approved by the Deputy Director, Department of Geology and Mining, Tiruppur District vide Rc.No.1302/Mines/2017 Dated: 06.06.2019.

3. As per the Department of Geology and Mining Tiruppur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 91,810m<sup>3</sup> and Gravel not exceed 23,100m<sup>3</sup>

- a. For First year - 18,850m<sup>3</sup> of Rough stone and 13,440m<sup>3</sup> of Gravel
- b. For Second year - 18,730m<sup>3</sup> of Rough stone and 9,660m<sup>3</sup> of Gravel
- c. For Third year - 18,400m<sup>3</sup> of Rough stone
- d. For Fourth year - 18,150m<sup>3</sup> of Rough stone
- e. For Fifth year - 17,680m<sup>3</sup> of Rough stone

- 4. The quarry operation is proposed up to a depth of 17m Rough stone and Gravel below ground level.
- 5. The quarry operation is proposed to be carried out with open cast semi mechanized mining.
- 6. Rough stone are to be transported by Tippers of 2 Nos. (10/20 T Capacity).
- 7. The project is located at 10°34'49.97"N to 10°34'57.89"N latitude and 77°20'21.71"E to 77°20'30.89"E Longitude.
- 8. The total manpower requirement is 23Nos.
- 9. Total cost of the project is Rs. 83.76 lakhs and EMP cost about Rs. 3.80 lakhs
- 10. The water table is found to be at the depth of 50m in summer and 45m in rainy season.

  
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11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC. No. 1302/Mines/2017 dated 02.07.2019

The Following quarries are situated within a radial distance of 500 meters from the applied fields.

S. No.	Name of the owner	S. F. No.	Extent	Lease Status
1	R.Jegadeeswaran	688 (part)	2.52.0	Proposed
2	R.Jegadeeswaran	688 (part)	1.38.0	Existing
3	N.Agathiyappan	689/1,2,3A	4.57.5	Existing

The SEAC noted the following:

1. The Proponent, Thiru. R.Jegadeeswaran, has applied for Terms of Reference to SEIAA-TN for the Rough stone and Gravel quarry over an extent of 2.52.0Ha in S.F.No. 688 (P) at Myvadi Village, Madathukulam Taluk, Tiruppur District.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

  
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After the presentation made by the proponent the SEAC noted that the mine lease area is not contiguous, hence the SEAC decided to direct the proponent to revise the proposal accordingly .

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

**Agenda No.140-01-05**

**(File No. 7133/2019)**

**Proposed Savudu quarry over an Extent of 4.80.0Ha in S.F. Nos. 502/2(P) at Vettankudi Village, Sirkali Taluk, Nagapattinam District, Tamil Nadu by Tmt. Rogini – For Environmental Clearance.**

**(SIA/TN/MIN/43095/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

The quarry lease was applied in the name of Tmt. Rogini, Nagapattinam, Precise Area Communication was issued by the District Collector, Nagapattinam letter vide, Rc. No: 216/mines/2017, dated: 07.12.2018 for a period of Two years. It is a fresh lease for Savudu quarry over an Extent of 4.80.0Ha in S.F. Nos. 502/2(P) at Vettankudi Village, Sirkali Taluk, Nagapattinam District.

**2. Mining Plan / Scheme of Mining approved details:**

The Mining plan was prepared for the period of Five years. The Mining Plan was ~~got~~ approved<sup>ed</sup> by the Assistant Director, Department of Geology and Mining, Nagapattinam vide Roc. No: 216/mines/2017, dated: 14.12.2018.

**3. As per the Department of Geology and Mining, Nagapattinam District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity is proposed an average production of 85,112m<sup>3</sup> of Savudu.**

**4. The quarry operation is proposed up to a depth of 2m below ground level.**

  
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5. The quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. The project is located at 11°16'54" N to 11°17'01" N latitude and 77°49'08" E to 77°49'17" E Longitude.
7. The total Manpower requirement is 07 Nos.
8. Total cost of the project is Rs. 28,10,000/- and EMP cost about Rs. 1,95,000/-
9. The water table is found to be at the depth of 20m below ground level.
10. Lease area applied is not covered under HACA region.
11. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
12. There is no Interstate Boundary located is located within 10km from the lease area.
13. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
14. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
15. No habitation is located within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Vettankudi Village, Sirkali Taluk, Nagapattinam District, Dated: 02.07.2019  
Letter obtained from the Assistant Director, Department of Geology and Mining, Nagapattinam vide Letter Roc. No. 165/Mines/2018, dated 09.09.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed quarries as follows,

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
Nil					

  
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## 2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1	Tmt. Rogini,	Vettankudi Village, Sirkali Taluk	502/2 (P)	4.80.0	---

## 3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
Nil					

The Total extent of the area is 4.80.0 Ha.

The SEAC noted the following:

1. The Proponent, Tmt. Rogini applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for the Proposed Savudu quarry over an Extent of 4.80.0Ha in S.F. Nos. 502/2(P) at Vettankudi Village, Sirkali Taluk, Nagapattinam District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC noted that the proposed mining leasing area of 4.80.0Ha in S.F. Nos. 502/2(P). Total area was found to be closer to 5Ha. Hence the SEAC directed the proponent to furnish the land document with sub-division of the proposed mining area.

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

Agenda No.: 140 – 01-06

(File No. 7186/2019)

Proposed removal of Wind Blown Soil from Consent Patta land in S.F.No.196/7, 196/8, 196/9, over an Extent of 1.01.5 Hectares, Silamalai Village of Bodinaikanur Taluk, Theni District Tamil Nadu by Thiru S. Ganesan – For Environmental Clearance.

(SIA/TN/MIN/44402/2019)

  
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The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The quarry lease was applied in the name of Thiru S. Ganesan Precise Area Communication was issued by the District Collector, Roc.No. 255/Minerals/2018 Dated 30.05.2019 for a period of 12 months. It is a fresh lease for removal of Wind Blown Soil from Consent Patta land in S.F.No.196/7, 196/8, 196/9, over an Extent of 1.01.5 Hectares, Silamalai Village of Bodinaikanur Taluk, Theni District of Tamil Nadu State for a period of 12 months.


2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 12 months. The mining plan was ~~got~~ <sup>ed by</sup> approval from the Assistant Director, Department of Geology and Mining, Theni District vide letter number 255/Mines/2018 dated 03.10.2019.

3. As per the Department of Geology and Mining, Theni District. Mining Plan approval for the 12 months, the production schedule for 12 months states that the total quantity of Windblown should not exceed 12655 m<sup>3</sup> for 12 months.

- a. Production for 12 Months - 12655 m<sup>3</sup>

4. The quarry operation is proposed an average depth of 1.5m.
5. The Mining would be carried out by opencast- semi mechanized method,
6. Windblown Soil is to be transported by Tippers of 3 Nos. (10 T Capacity).
7. The project is located at: 9°16'52.90"N to 9°16'48.71"N latitude and: 79°16'18.64"E to 79°16'15.34"E.Longitude.
8. The total Manpower requirement is 10Nos.
9. Total cost of the project is Rs.23,00,000 Lakhs and EMP cost about Rs. 2.75 lakhs
10. The water table is found at the depth of 10m from below the ground level.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

  
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13. Tamil Nadu-Kerala state boundary – 6.7km (SW) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. No habitation is located within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Silamalai Village, Bodinaikanur Taluk, Theni District dated 10.10.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Theni vide Letter RoC. No. 255/Mines/2018, dated 10.10.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Windblown Soil as follows.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
NIL					

  
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## 3) Details of proposed quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	S. Ganesan S/o.Subbaiya, No.146, West Street, Rasirangapuram. Bodinaikanur, Theni District. Tamil Nadu	Silamalai Village & Bodinaikanur Taluk	196/7, 196/8, 196/9	1.01.5	Wind Blown Soil	-

The Total extent of the Existing / Proposed quarries is 1.01.5 ha only.

The SEAC noted the following:

1. The Proponent, Thiru S. Ganesan applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for removal of Wind Blown Soil from Consent Patta land in S.F.No.196/7, 196/8, 196/9, over an Extent of 1.01.5 Hectares, Silamalai Village of Bodinaikanur Taluk, Theni District.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the Hon'ble Madurai Bench of Madras High Court order in WP(MD) No 20903 of 2016 dated 28/08/2019 wherein ".....(i) *The District Collectors of all the Southern Districts Viz., 13 Districts (Including Theni District) coming under the jurisdiction of this Court, are restrained from granting any fresh lease /license for quarrying Savudu sand in respect of Patta lands; and*  
(ii) *They are also directed to take necessary steps to cancel the lease/license already granted to the pattadars in accordance with law at the earliest.*"

The SEAC-TN also noted that the Hon'ble Madurai Bench of Madras High Court order in WP(MD) No 20903 of 2016 dated 28/08/2019 has quoted "*W.P (MD) No 942 of 2018, as report was filled on 26/08/2019 by Deputy Director of Geology and Mining and it is relevant to extract hereunder paragraphs .....26. As per the stand taken by the Department, Savudu is a mixture of 40% Sand, 40% silt and 20% original Clay*"

  
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The SEAC noted that as noted in the presentation (in the slide No 21) the physical properties of the windblown soil in the project site is given below

1. Sandy-43.15%
2. Silt-26.1%
3. Clay-30.43%

Based on the Hon'ble Madurai Bench of Madras High Court order in WP (MD) No 20903 of 2016 dated 28/08/2019, the SEAC directed the proponent to furnish the following details from competent authority.

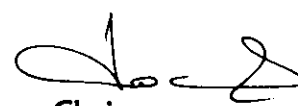

1. Mineral composition analysis report ascertaining the minerals available in the project site by the competent authorities (PWD/Department of Geology and Mining/Department of Agriculture).
2. Report on mineral composition in the proposed project site and its applicability to the Hon'ble Madurai Bench of Madras High Court order in WP (MD) No 20903 of 2016 dated 28/08/2019.

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

**Agenda No.:140-01-077**

**File No.7135/2019**

**Proposed Multicolour Granite quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part) and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District Tamil Nadu by Thiru. Tvl. Om Muruga Granites – For Environmental clearance (SIA/TN/MIN/42135/2019)**

  
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SEAC-TN**  


The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The quarry lease was applied in the name of Tvl. Om Muruga Granites, Kanniyakumari, Precise Area Communication Government Letter No. 39098/MMB2/99-17 Industries Dept, dated: 8.12.2003 for a period of Five years. It is a fresh lease for Multicolour Granite quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part) and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District.

2. Mining Plan / Scheme of Mining approved details:

3. The Mining plan was prepared for the period of Five years. The Mining Plan was got approval by Commissioner of Geology and Mining, Kanniyakumari vide Lr No. 16884/MM2/99, dated: 21.01.2004.
4. As per the Department of Geology and Mining, Kanniyakumari District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity is proposed an average production of 10,476m<sup>3</sup> of Multicolour Granite.
5. The quarry operation is proposed up to a depth of 26m from top surface (1m topsoil + 25m Multicolour Granite).
6. The quarry operation is proposed to be carried out with open cast semi mechanized mining.
7. The project is located at 08°20'18.68"N latitude and 77°19'22.43"E Longitude.
8. The total Manpower requirement is 26 Nos.
9. Total cost of the project is Rs. 57,73,000/- and EMP cost about Rs. 2,65,000/-
10. The water table is found to be at the depth of 45m below ground level.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. There is no Interstate Boundary located within 10km from the lease area.

  
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14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
16. Letter obtained from the Assistant Director, Department of Geology and Mining, Kanniyakumari vide Letter Roc. No. 562/G&M/2013, dated 19.06.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed quarries as follows,

## 1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent (Ha.)	Remarks
1	Thiru. N. Mathias,	Ayacode Village, Kalkulam Taluk	473/1B	0.54.65	Non-Functional

## 2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent (Ha.)	Remarks
1	Tvl. Om Muruga Granites	Ponmanai village, Kalkulam Taluk	442/1A (P) & 442/2 (P)	2.11.0	---

## 3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
Nil					

The Total extent of the area (1+2) is 2.65.65 Ha.

The SEAC noted the following:

1. The Proponent, Thiru. Tvl. Om Muruga Granites has applied for Environmental clearance to SEIAA-TN on 21.08.2019 for proposed Multicolour Granite quarry over an Extent of 2.11.10Ha in S.F. Nos. 442/1A (Part) and 442/2(Part) at Ponmanai Village, Kalkulam Taluk, Kanniyakumari District Tamil Nadu.

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

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. Ground water quality study carried out on the wells located in the surrounding area within 2km.
2. AAQ, Fugitive emission modeling, Noise studies carried out.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

**Agenda No.: 140 – 08**


**File No.7141/2019**

**Proposed Rough stone and Gravel quarry lease over an extent of 2.08.50ha comprising S.F.Nos. 180/1, 180/2, 180/3 & 181/1 at Periya Venmani Village, Maduranthagam Taluk, Kancheepuram District Tamil Nadu by Thiru. S. Dharmaraj– For Environmental Clearance. (SIA/TN/MIN/128280/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

- a. The quarry lease was applied in the name of Thiru.S.Dharmaraj, Precise Area Communication was issued by the District Collector, Kancheepuram vide Rc.No.622/Q2/2017 Dated: 29.05.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.08.50ha

  
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comprising S.F.Nos. 180/1, 180/2, 180/3 & 181/1 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District.

2. Mining Plan / Scheme of Mining approved details:

a. The Mining plan was prepared for the period of 5 years. The mining plan was approved by the Assistant Director, Department of Geology and Mining, Kancheepuram District vide Rc.No.622/Q2/2017 Dated: 04.07.2019.

3. As per the Department of Geology and Mining, Kancheepuram District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 3,09,555m<sup>3</sup> and Gravel should not exceed 26,446m<sup>3</sup>

- a. For First year - 59,140m<sup>3</sup> of Rough stone and 9,180m<sup>3</sup> of Gravel
- b. For Second year - 61,000m<sup>3</sup> of Rough stone and 10,324m<sup>3</sup> of Gravel
- c. For Third year - 62,180m<sup>3</sup> of Rough stone and 6,942m<sup>3</sup> of Gravel
- d. For Fourth year - 61,120m<sup>3</sup> of Rough stone
- e. For Fifth year - 66,115m<sup>3</sup> of Rough stone

4. The quarry operation is proposed up to a depth of 37m (2m Gravel + 35m Rough stone) below ground level.

5. The quarry operation is proposed to be carried out with open cast semi mechanized mining.

6. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).

7. The project is located at 12°24'06.80"N to 12°24'18.72"N latitude and 79°58'14.47"E to 79°58'18.88"E Longitude.

8. The total Manpower requirement is 25Nos.

9. Total cost of the project is Rs. 56.45 lakhs and EMP cost about Rs. 3.80 lakhs

10. The water table is found to be at the depth of 50m in summer and 47m in rainy season.

11. Lease area applied is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.

  
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13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Kancheepuram vide Letter RC. No. 622/Q2/2017 dated 02.08.2019, details of quarries (proposed / Existing / Lease expired) located within 500 mts radius are furnished as follows.

i) Existing other quarries:

S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease Period	Remarks
-	-	-	-	-	-	-
Total				-		

ii) Proposed Area:

S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease period	Remarks
1.	S.Dharmaraj, S/o. Shitrambala Reddiyar, No.2A North street Mundalaapuram Ondipulinaickanur Muthulapuram Virudhunagar – 626 119.	Periyavenmani	180/1, 180/2, 180/3, 181/1	2.08.50	--	Under Processing (Present application)
2	S.Ravisundar S/o. Santhiyagu No.1/1178-A, 1 <sup>st</sup> Street, South Bethel Nagar	Periyavenmani	174/5, 174/6, 180/12	1.37.50	--	Under Processing

  
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Injambakkam, Chennai – 115					
<b>Total</b>				<b>3.46.00</b>	

**iii) Lease Expired and Abandoned Area:**

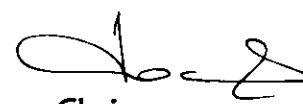
S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease period	Remarks
1.	A.Jeevanantham No. 25, 6 <sup>th</sup> Street, Asthinapuram Chennai – 64	Periyavenmani	172/3, 1 72/4	7.52.50	25.05.2007 to 24.05.2012	Lease Expired
2	S.Gnanasekaran, No.20 Alagesanst., Tambaram street, Cheenai-45	Periyavenmani	181/2	2.03.00	02.01.2012 to 01.01.2017	Lease Expired
3	G.Ganesan, No.2, lakshmipuram Extn 11, MudichurRouad Tambaram west Chennai – 45	Periyavenmani	174/1, 174/2, 174/3	2.07.50	02.01.2012 to 01.01.2017	Lease Expired
<b>Total</b>				<b>11.63.00</b>		
<b>Grant Total</b>				<b>15.09.00</b>		

The SEAC noted the following:

1. The Proponent, Thiru S. Dharmaraj applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for Rough stone and Gravel quarry lease over an extent of 2.08.50ha comprising S.F.Nos. 180/1, 180/2, 180/3 & 181/1 at Periya Venmani Village, Maduranthagam Taluk, Kancheepuram District Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.

  
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2. Proper barrier for reducing the Noise level 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 fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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.
7. 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).
8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
10. The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.

  
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Agenda No.: 140 –01- 09

(File No. 7188/2019)

Proposed Rough stone quarry over an Extent of 1.00.0Ha in S.F.Nos. 159(Part-I), Government Poramboke land, Padmapuram Village, Pallipattu Taluk, Tiruvallur District Tamil Nadu by Thiru R.Narasimman – For Environmental Clearance.  
(SIA/TN/MIN/44197/2019)

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The quarry lease was applied in the name of R.Narasimman Precise Area Communication was issued by the District Collector, Roc.No. 76/2018/G&M-2 dated 24.04.2018 for a period of 5 years. It is a fresh lease for Rough stone quarry over an Extent of 1.00.0Ha in S.F.Nos. 159(Part-I), Government Poramboke land, Padmapuram Village, Pallipattu Taluk, Tiruvallur District of Tamil Nadu State for a period of Five Years.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~get approval from~~ <sup>ed by</sup> the Assistant Director, Department of Geology and Mining, Tiruvallur District vide. 76/2018/G&M-2 dated 27.07.2018.

3. As per the Department of Geology and Mining, Tiruvallur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 107135 m<sup>3</sup> for five years.

- a. For First year - 30865m<sup>3</sup> of Rough stone
- b. For Second year - 23,805m<sup>3</sup> of Rough stone
- c. For Third year - 20,480m<sup>3</sup> of Rough stone
- d. For Fourth year - 17405m<sup>3</sup> of Rough stone
- e. For Fifth year - 14580m<sup>3</sup> of Rough stone

  
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4. The quarry operation is proposed up to a depth of 41m from the hill top 20m and from the surface 21m Rough stone.
5. The quarry operation is proposed to be carried out with open cast semi mechanized mining with height 5m and width 5m.
6. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).
7. The project is located at: 13°5'35.51" to 13°5'38.78"N latitude and: 79°24'45.75" to 79°24'49.05"E Longitude.
8. The total Manpower requirement is 18Nos.
9. Total cost of the project is Rs.63,60,000 Lakhs and EMP cost about Rs. 4.80 lakhs
10. The water table is found at the depth of 55m from below the surface in the adjacent open wells of the area.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. Tamil Nadu-Andhra Pradesh state boundary – 6.5km (NW) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. No habitation is located within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Padmapuram Village, Pallipattu Taluk, Tiruvallur District dated 25/09/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvallur vide Letter RC. No. 76/2018/G&M-2, dated 03.10.2019 that the details of

  
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the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

**19. Details of Existing quarries:**

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
-	NIL	NIL				

**2) Details of Abandoned quarry:**

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
-	NIL	NIL	NIL	NIL	NIL

**3) Details of proposed quarry:**

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1.	R.Narasimman	Padmapuram village, pallipattu Taluk	159(Part-II)	1.00.0	Rough Stone	---
2.	Proposed Tender Cum Auction	Padmapuram village, pallipattu Taluk	159(Part-III)	1.00.0	Rough Stone	---

The Total extent of the Existing / Proposed quarries is 2.00.0 ha. Only.

The SEAC noted the following:

1. The Proponent, Thiru R Narasiman applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for proposed Rough stone quarry over an Extent of 1.00.0Ha in S.F.Nos. 159(Part-I), Government Poramboke land, Padmapuram Village, Pallipattu Taluk, Tiruvallur District.

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

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level 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 fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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.
7. 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).

  
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SEAC-TN  


8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
10. The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.

**Agenda No.: 140-01-10**

**(File No. : 7169/2019)**

**Proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu by Thiru. P. Suresh Kumar – For Environmental Clearance.**

**(SIA/TN/MIN/43851/2019)**

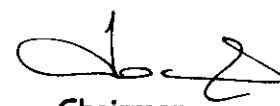
The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

**1. Government Order / Lease details:**

- a. The quarry lease was applied in the name of Thiru. P. Suresh Kumar, Kanniyakumari, Precise Area Communication issued by District Collector, Kanniyakumari vide Rc. No. 629/G&M/2017-5, dated: 15.12.2017 for a period of Five years. It is a fresh lease for Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District.

**2. Mining Plan / Scheme of Mining approved details:**

The Mining plan was prepared for the period of Five years. The Mining Plan was got approval by Assistant Director, Department of Geology and Mining, Kanniyakumari vide Rc. No. 629/G&M/2016, dated: 17.01.2018.

  
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3. As per the Department of Geology and Mining, Kanniyakumari District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity is proposed an average production of 2,88,670m<sup>3</sup> of Rough Stone and 3,689m<sup>3</sup> of Gravel.
4. The quarry operation is proposed up to a depth of 66m above ground level and 10m below ground level.
5. The quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. The project is located at 08°14'48"N to 08°14'55"N latitude and 77°14'58"E to 77°14'59"E Longitude.
7. The total Manpower requirement is 16 Nos.
8. Total cost of the project is Rs. 61,17,000/- and EMP cost about Rs. 4,45,000/-
9. The water table is found to be at the depth of 43m below ground level.
10. Lease area applied is not covered under HACA region.
11. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
12. There is no Interstate Boundary located within 10km from the lease area.
13. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
14. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
15. Letter obtained from the Assistant Director, Department of Geology and Mining, Kanniyakumari vide Letter Roc. No. 629/G&M/2016, dated 21.03.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed quarries as follows.

  
Chairman  
SEAC-TN  


## 1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent (Ha.)	Remarks
1	Tvl. Cape Blue Stone Pvt Ltd.	Kappiyarai 'A' Village, Kalkulam Taluk	8/2(P)	2.20.0	Non-Operative

## 2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent (Ha.)	Remarks
1	Thiru. P. Suresh Kumar	Kappiyarai 'A' Village, Kalkulam Taluk	10/1(P)	0.68.0	Proposed quarry

## 3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
1	Thiru. S. Vaithyanathan	Kappiyarai 'A' Village, Kalkulam Taluk	9/1,2,3,11/1A(P) and 2	4.28.5	Lease Cancelled
2	Thiru. M. Ramesh	Kappiyarai 'A' Village, Kalkulam Taluk	17/1(P)	0.60.0	Lease Cancelled
3	Thiru. R. Jeyasekaran	Kappiyarai 'A' Village, Kalkulam Taluk	6/1,6/2B	2.84.0	Lease Expired on 05.10.2013

The Total extent of the area (1+2) is 2.88 Ha.

The SEAC noted the following:

1. The Proponent, Thiru P. Suresh Kumar applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC directed the proponent to furnish the following details

  
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1. Ground water quality study carried out on the wells located in the surrounding area within 2km.
2. AAQ, Fugitive emission modeling, Noise studies to be carried out and the data needs to be submitted.
3. It was noticed that there was a crusher inside the proposed mining area. Hence the proponent shall furnish the present status of the crusher.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

**Agenda No.: 140 –01- 11**

**File No.7142/2019**

**Proposed Rough stone and Gravel quarry lease over an extent of 1.37.50Ha in S.F.Nos.174/5, 174/6 & 180/12 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu by Thiru.S.Ravisundar– For Environmental Clearance. (SIA/TN/MIN/128310/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:
  - a. The quarry lease was applied in the name of Thiru.S.Ravisundar, Precise Area Communication was issued by the District Collector, Kancheepuram vide Rc.No.621/Q3/2017 Dated: 27.05.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 1.37.50Ha in S.F.Nos. 174/5, 174/6 & 180/12 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District,
2. Mining Plan / Scheme of Mining approved details:

  
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- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, kancheepuram District vide Rc.No.621/Q2/2017 Dated: 04.07.2019.
3. As per the Department of Geology and Mining, Kancheepuram District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,14,400m<sup>3</sup> and Gravel should not exceed 25,480m<sup>3</sup>
  - a. For First year - 83,740m<sup>3</sup> of Rough stone and 10,600m<sup>3</sup> of Gravel
  - b. For Second year - 89520m<sup>3</sup> of Rough stone and 8,648m<sup>3</sup> of Gravel
  - c. For Third year - 81,320m<sup>3</sup> of Rough stone and 6,232m<sup>3</sup> of Gravel
  - d. For Fourth year - 82,680m<sup>3</sup> of Rough stone
  - e. For Fifth year - 77,140m<sup>3</sup> of Rough stone
4. The quarry operation is proposed up to a depth of 42m (2m Gravel + 40m Rough stone) below ground level.
5. The quarry operation is proposed to be carried out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 3 Nos. (10 T Capacity).
7. The project is located at 12°24'04.41"N to 12°24'08.05"N latitude and 79°58'10.30"E to 79°58'16.03"E Longitude.
8. The total Manpower requirement is 25Nos.
9. Total cost of the project is Rs. 50.97 lakhs and EMP cost about Rs. 3.80 lakhs
10. The water table is found to be at the depth of 60m in summer and 55m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.

  
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14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Kancheepuram vide Letter RC. No. 621/Q2/2017, dated 18.07.2019, details of quarries (proposed / Existing / Lease expired) located within 500 mts radius are furnished as follows.

**i) Existing other quarries:**

S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease period	Remarks
-	-	-	-	-	-	-
Total				-		

**ii) Proposed Area:**

S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease period	Remarks
1.	S.Dharmaraj, S/o. Shitrambala Reddiyar, No.2A North street Mundalaapuram Ondipulinaickanur Muthulapuram Virudhunagar – 626 119.	Periyavenmani	180/1, 180/2, 180/3, 181/1	2.08.50	--	Under Processing (Present application)
2.	S.Ravisundar	Periyavenmani	174/5, 6 & 180/12	1.37.5	--	Proposed
Total				3.46.0 ha		

  
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**iii) Lease Expired and Abandoned Area:**

S. No.	Name of the Owner	Village	S. F. No.	Extent	Lease period	Remarks
1.	A.Jeevanantham No. 25, 6 <sup>th</sup> Street, Asthinapuram Chennai – 64	Periyavenmani	172/3, 1 72/4	7.52.50	25.05.2007 to 24.05.2012	Lease Expired
2	S.Gnanasekaran, No.20 Alagesanst., Tambaram street, Cheenai-45	Periyavenmani	181/2	2.03.00	02.01.2012 to 01.01.2017	Lease Expired
3	G.Ganesan, No.2, lakshmipuram Extn 11, MudichurRouad Tambaram west Chennai – 45	Periyavenmani	174/1, 174/2, 174/3	2.07.50	02.01.2012 to 01.01.2017	Lease Expired
<b>Total</b>				<b>11.63.00</b>		
<b>Grant Total</b>				<b>15.09.00</b>		

The SEAC noted the following:

1. The Proponent, Thiru S.Ravisundar applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for Proposed Rough stone and Gravel quarry lease over an extent of 1.37.50Ha in S.F.Nos.174/5, 174/6 & 180/12 at PeriyaVenmani Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.

  
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2. Proper barrier for reducing the Noise level 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 fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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.
7. 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).
8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
10. The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.

  
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Agenda No.: 140 – 01- 12

(File No. 7181/2019)

Proposed Rough quarry over an Extent of 2.06.5 Ha in S.F.No. 144 (Part-1), Poramboke Land at Mukkudal Village,, Ambasamudram Taluk, Tirunelveli District by Thiru M. K. Kuberasundar – For Environmental Clearance.

(SIA/TN/MIN/41151/2019)

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

The quarry lease was applied in the name of applicant M. K. Kuberasundar S/o. M. Muthiah, Precise Area Communication was issued by the District Collector of Tirunelveli Roc.No. M3/19409/2015, dated 28.04.2015 for a period of 10 years. It is an Existing lease for Rough quarry over an Extent of 2.06.5 Ha in S.F.No. 144 (Part-1), Poramboke Land at Mukkudal Village,, Ambasamudram Taluk, Tirunelveli District of Tamil Nadu State for a period of 10 Years.

2. Mining Plan / Scheme of Mining approved details:

The Mining plan was prepared for the period of 5 years. The Modified mining plan was got approval from the Indian Bureau of Mines, Chennai Vide Letter Roc. No. M1/38606/2015, dated 08.08.2019 for the plan period 2019-2020 to 2021-2022.

3. As per the Department of Geology and Mining, Tirunelveli District. The Modified Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of Rough Stone should not exceed max. Of 337283 m<sup>3</sup>

- a. For First year - 112720 m<sup>3</sup> Rough Stone
- b. For Second year - 116172 m<sup>3</sup> Rough Stone
- c. For Third year - 108391 m<sup>3</sup> Rough Stone

4. The quarry operation is proposed up to a depth of 45m from the hill top.

  
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5. The quarry operation is proposed to be carried out with open cast semi mechanized mining with the bench height is designed as 6m and the bench width should not be less than bench height.
6. Rough Stone is to be transported by Tippers of 2 Nos. (10 T Capacity).
7. The project is located at: 8°45'32.36"N to 8°45'39.98"N latitude and: 77°31'58.27" E to 77°32'3.61"E Longitude.
8. The total Manpower requirement is 10 No's.
9. Total cost of the project is Rs.46.95 Lakhs and EMP cost about Rs. 3.90 lakhs
10. The water table is reported to be at the depth of 47m Below the Ground Level.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. Tamil Nadu – Kerala state boundary – 36.77km(W) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Madurai vide Letter RC. No. M3/38606/2015 dated 22.07.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows,

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
Nil						

  
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## 2) Abandoned quarries:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	S. Antony Raj, S/o. Susaimanickam, 1-46, C.S.I. Church street, Singamparai, Mukkudal, Ambasamudram	Cheranmadevi Taluk, Mukkudal village, S. F.No. 140/2A	249/5, 249/6 & 253/1B	4.02.0	-

## 3) Proposed quarries:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	M. K. Kuberasundar, S/o T M. Muthiah, 6/67B, Kottai Street, Athalanallur post, Ambasamudram Taluk, Tirunelveli District.	Ambasamudram Taluk, (Cheranmadevi Taluk), Mukkudal village,	144/1	2.06.5	-
				2.06.5	

The Total extent of the Existing / Proposed quarries is = 2.06.5 ha

The SEAC noted the following:

1. The Proponent, Thiru M. K. Kuberasundar applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for Proposed Rough quarry over an Extent of 2.06.5 Ha in S.F.No. 144 (Part-1), Poramboke Land at Mukkudal Village,, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

- 1) Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
- 2) The depth of the mining shall be restricted to 40m.

  
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- 3) Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
- 4) The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
- 5) Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
- 6) The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
- 7) 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.
- 8) 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).
- 9) To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
- 10) The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
- 11) The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.

  
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**Agenda – 140-01-13**

**File No.7255/2019**

**Proposed Rough stone quarry lease over an extent of 2.02.0Ha in S.F.No. 452 (P) of Sanamavu Village, Shoolagiri Taluk, Krishnagiri District Tamil Nadu by Thiru.A.Palanisamy– For Environmental Clearance.**

**(SIA/TN/MIN/45735/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019.

The SEAC noted the following:

1. The Proponent, Thiru.A.Palanisamy has applied for Environmental Clearance to SEIAA-TN on 21.08.2019 proposed Rough stone quarry lease over an extent of 2.02.0Ha in S.F.No. 452 (P) of Sanamavu Village, Shoolagiri Taluk, Krishnagiri District Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

Based on the Initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Hence the SEAC decided to direct the proponent to submit the registered lease deed, before making the presentation.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda No.: 140– 01-14**

**(File No. 6660/2018)**

**Proposed Construction of 392 LIG flats at survey number 408/4, 10A pt, 411/1A, 1B1, 5, 414/1A, 1B of Sholinganallur Village and Taluk, Kancheepuram District, Tamil Nadu- by M/s Tamil Nadu Housing Board - For Terms of Reference under violation.**

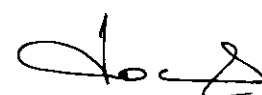


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The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

- i. The project is located at 12°52'36.79"N to 12°52'39.12"N latitude and 80°13'42.09"E to 80°13'45.92"E longitude.
- ii. The project is under violation category.
- iii. The construction of 392 LIG Flats of 7 Blocks have been constructed.
- iv. The total land area is 11,980.76 Sq.m, FSI area is 1.814, total built up area of 25,725.08 Sq.m. The project will comprise of 7 Blocks of Stilt+4 floors and 3 commercial shops (G).
- v. Total water requirement is expected during construction phase is to be 34kLD which will be met from outside through tankers by civil contractors. During the construction phase, the wastewater generated will be treated in the septic tanks with dispersion trenches. Temporary sanitary toilets will be provided during peak labor force.
- vi. Total water demand of the project during operation phase, is expected to be 274kLD which will be sourced from CMWSSB for Domestic water requirement, flushing and green belt development. Sewage generation of 250 kLD will be disposed to underground CMWSSB sewer line.
- vii. About 1,021kg/day solid wastes will be generated in the project. The biodegradable waste (613kg/day) will be collected by Chennai Corporation for further process and the non-biodegradable waste generated (408kg/day) will be handed over to authorized recycler.
- viii. The total power requirement during operation phase is 1,177KVA and will be met from Tamil Nadu Generation & Distribution Corporation Ltd (TANGEDCO).
- ix. The total runoff available for the ground water recharge from rain water harvesting is 9,615.8 cubic meters per annum and the total number of rainwater harvesting pits provided is 35 numbers.
- x. Parking facility for 436 Nos for Two Wheelers are provided in the area of 784.8 sq.m
- xi. NBWL Clearance and Forest Clearance are not required.



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- xii. No Court Case is pending against the project.
- xiii. Cost of the project is reported to be Rs. 42.51 Crores.
- xiv. Employment potential  
During construction phase of the project, this project will provide employment to about 250 unskilled and semi-skilled labourers.
- xv. Benefits of the project
- xvi. The proposed project will provide employment to 150 people on daily average basis during construction phase. The project is involving construction of affordable housing apartment which improves living standards of the people in the vicinity of the project site.

The SEAC noted the following:

1. The Proponent M/s Tamil Nadu Housing Board has applied for ToR under violation for "Building and Construction Projects" at S. No. 408/4, 10A pt, 411/1A, 1B1, 5, 414/1A, 1B of Sholinganallur Village and Taluk, Kancheepuram District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the project proponent applied under violation under the notification of MoEF&CC dated 14/03/2017 and 8/03/2018. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

**Agenda No.: 140- 01-15**

**(File No. 7097/2019)**

**Proposed Gravel quarry over an Extent of 1.41.0Ha in S.F.Nos.1773/1A and 1774/2at Kombai (West) village, Uthamapalayam Taluk, Theni District by Thiru. J.AKKEM SAIT – For Environmental Clearance.**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019.

  
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The SEAC noted the following:

1. The Proponent, Thiru. J.AKKEM SAIT has applied for Environmental Clearance to SEIAA-TN on 21.08.2019 proposed Gravel quarry over an Extent of 1.41.0Ha in S.F.Nos.1773/1A and 1774/2at Kombai (West) village, Uthamapalayam Taluk, Theni District Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the Initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Hence the SEAC decided to direct the proponent to submit the registered lease deed, before making the presentation.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda-140-01-16**

**File No.7172/2019**

Proposed Rough stone and Gravel for over an extent of 2.25.0ha in S.F.Nos. 211/2B, 2C, 2D, 2E, 2F, 2G, 3A, 3B, 3C, 211/4A, 211/4B and 211/4F, at Kenjampatti Bit-II Village of Peraiyur Taluk, Madurai District, Tamil Nadu by Tmt. C. Muthulakshmi- For Environmental Clearance.

**(SIA/TN/MIN/45629/2019)**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government Order / Lease details:

  
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- a. The quarry lease was applied in the name of Tmt. C. Muthulakshmi, Madurai, Precise Area Communication was issued by the District Collector, and Madurai vide Rc.No.290/2019-Mines dated 30.08.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.25.0ha in S.F.Nos. 211/2B, 2C, 2D, 2E, 2F, 2G, 3A, 3B, 3C, 211/4A, 211/4B and 211/4F, at Kenjampatti Bit- II Village of Peraiyur Taluk, Madurai District.
2. Mining Plan / Scheme of Mining approved details:
  - a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got approval from~~ <sup>ed by</sup> the Deputy Director, Department of Geology and Mining, Madurai District vide Rc.No.290/2019 – Mines dated. 20.09.2019.
3. As per the Department of Geology and Mining, Madurai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,80,225m<sup>3</sup>.and Gravel should not exceed 48,774m<sup>3</sup>and Top soil 17,062m<sup>3</sup>
  - a. For First year - 54,280m<sup>3</sup> of Rough stone and 17,475m<sup>3</sup>of Gravel
  - b. For Second year - 55,115m<sup>3</sup> of Rough stone and 17,025m<sup>3</sup>of Gravel
  - c. For Third year - 51,135m<sup>3</sup> of Rough stone and 14,274m<sup>3</sup>a of Gravel
  - d. For Fourth year - 60,605m<sup>3</sup> of Rough stone
  - e. For Fifth year - 59,090m<sup>3</sup> of Rough stone
4. The quarry operation is proposed up to a depth of 39m (1m Top soil + 3m Gravel + 35m Rough Stone) below ground level.
5. The quarry operation is proposed to be carried out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 3 Nos. (20 tons Capacity).
7. Overburden in the form of topsoil (17,062m<sup>3</sup>) and it will be preserved all along the boundary barrier for Green Belt Development.
8. The project is located at 09°41'58.10"N to 09°42'05.24"Nlatitude and 77°52'36.40"E to 78°52'42.69"ELongitude.
9. The total Manpower requirement is 25Nos.

  
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10. Total cost of the project is Rs. 40.22lakhs and EMP cost about Rs. 3.80 lakhs
11. The water table is found to be at the depth of 58m in summer and 54m in rainy season.
12. Lease area applied is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
15. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
18. Letter obtained from the Deputy Director, Department of Geology and Mining, Madurai vide Letter RC. No. 290/2019-Mines, dated 26.11.2019, it is stated that, the following existing / abandoned quarries are located within 500m radius distance from the proposed area for clearance.

**Abandoned quarry**

Sl. No.	Name of the Lessee	Collector's Proceedings No. & date	Village & Taluk	S. F. No.	Extent (Ha)	Period of Lease
1	Thiru. A. Elangovan, S/o. Ayyamperumal, 9/1-28A, Ramuni Nagar, T. Kallupattu, Peraiyur Taluk, Madurai District	612/2009/Mines dated 07.2009	Karaikeni Peraiyur Taluk	70/2, 86/2	1.07.5	5 years lease expired
2	Tmt. P. Mayakkal 146-1, Pasumpon Nagar,	575/2008/Mines dated 04.06.2009	Kenjampatti Bit II Peraiyur	210/2A, 210/3B etc.	1.85.0	02.07.2009 to 01.07.201

  
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	Chekkannurani Post, Thirumangalam Taluk, Madurai District - 625514		Taluk			4 Lease period Expired
3	Thiru. C. Pavunraj, No. 4/207, Sudhathira Nagar, 3 <sup>rd</sup> Street, Y.Othakadai, Madurai District	672/2013/Min es dated 29.09.2014	Kenjampatti Bit II Peraiyur Taluk	212/1A etc	2.56.0	07.11.2014 to 06.11.2019 lease period expired

Existing quarry

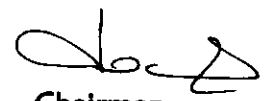
Sl. No.	Name of the Lessee	Collector's Proceedings No. & date	Village & Taluk	S. F. No.	Extent (in Hects)	Period of Lease
-Nil-						

Proposed quarry

Sl. No.	Name of the Lessee	Village & Taluk	S. F. No.	Extent (in Hects)	Period of Lease
1	Tmt. C. Mahalakshmi, W/o. Chellamuthu, No. 1/43, N.G.O. Nagar, T. Kallupatti Karaiken, Peraiyur Taluk. Madurai District - 625702	Kenjampatti Bit II Peraiyur Taluk	211/2B, 211/2C, 211/2D, 211/2E, 211/2F, 211/2G, 211/3A, 211/3B, 211/3C, 211/4A, 211/4B and 211/4F	2.25.0	-

The SEAC noted the following:


1. The Proponent, Tmt. C. Muthulakshmi has applied for Environmental Clearance to SEIAA-TN on 21.08.2019 proposed Rough stone and Gravel for over an extent of 2.25.0ha in S.F.Nos. 211/2B, 2C, 2D, 2E, 2F, 2G, 3A, 3B, 3C, 211/4A, 211/4B and 211/4F, at Kenjampatti Bit-II Village of Peraiyur Taluk, Madurai District Tamil Nadu.

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

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level 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 fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. 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.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.

  
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843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
10. The CER amount of Rs. 0.88 Lakhs shall be spent for CER activities to be carried out for strengthening and desilting of tank at Kenjampatti Village as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

**Agenda No.: 140 – 01-17**

**(File No. 7252/2019)**

**Proposed Earth quarry over an Extent of 1.72.0 Ha in S.F.Nos. 937, Consent Patta land, Pazhavur part -1 Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu by Thiru S. Sivaperuman – For Environmental Clearance.**

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019.

The SEAC noted the following:

1. The Proponent, Thiru S. Sivaperuman has applied for Environmental Clearance to SEIAA-TN on 21.08.2019 Proposed Earth quarry over an Extent of 1.72.0 Ha in S.F.Nos. 937, Consent Patta land, Pazhavur part -1 Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

Based on the Initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Hence the SEAC

  
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decided to direct the proponent to submit the registered lease deed, before making the presentation.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

**Agenda No.: 140 –01- 18**

**File No.6898/2019**

**Proposed Multi Color Granite quarry lease over an extent of 1.93.5ha comprising S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village of Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s. Anbura Minerals Private Limited– For Terms of Reference.**

**(SIA/TN/MIN/45735/2019)**

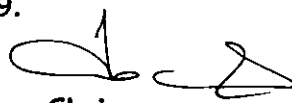
The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

**1. Government Order / Lease details:**

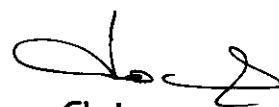
- a. The quarry lease was applied in the name of M/s. Anbura Minerals Private Limited, Precise Area Communication was issued by the Principal Secretary to Government, Industries (MME.2) Department, Secretaria, Chennai vide Letter No. 9151/MME.2/2017-1, dated 06.03.2019 for a period of 20 years. It is a fresh lease for Multi-Color Granite quarry over an extent of 1.93.5ha comprising S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village of Denkanikottai Taluk, Krishnagiri District.

**2. Mining Plan / Scheme of Mining approved details:**

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Director of Geology and Mining, Industrial Estate, Guindy, Chennai vide Rc.No.2828/MM5/2017, dated 04.06.2019.

  
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3. As per the Department of Geology and Mining, Guindy, Chennai. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Multi Color Granite should not exceed 8,400m<sup>3</sup>(@35% recovery)..
  - a. For First year - 1,680m<sup>3</sup> of Granite
  - b. For Second year - 1,680m<sup>3</sup> of Granite
  - c. For Third year - 1,680m<sup>3</sup> of Granite
  - d. For Fourth year - 1,680m<sup>3</sup> of Granite
  - e. For Fifth year - 1,680m<sup>3</sup> of Granite
4. The quarry operation is proposed up to a depth of 10m (2m Topsoil + 3m Weathered Rock + 5m Multi Colored Granite) below ground level.
5. Quarrying Operation will be done by Opencast Semi Mechanized method with Diamond Wire Saw cutting.
6. Granite are to be transported by Tippers of 2 Nos. (20 T Capacity).
7. The Total Waste will be resulting in the quarrying operation for first five years is around 32, 934m<sup>3</sup> (Granite Waste + Weathered rock) proposed to dump on temporarily dump on the southern side and Topsoil (13,800m<sup>3</sup>) will be preserved all along the boundary barriers for afforestation.
8. The project is located at 12°25'47.11"N to 12°25'51.65"N latitude and 77°49'39.55"E to 77°49'45.36"E longitude.
9. The total Manpower requirement is 35 Nos.
10. Total cost of the project is Rs. 2.35 Crores and EMP cost about Rs. 7.45 lakhs
11. The water table is found to be at the depth of 62m below ground level.
12. Lease area applied is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.

  
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15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.

16. Cauvery North Wild life sanctuary located at 2.05km on the southern of the Lease area applied and proposal applied in National board of Wildlife sanctuary portal vide Proposal No. FP/TN/QR/4263/2019.

17. Letter obtained from the Assistant Director/ Additional Charge, Department of Geology and Mining, Krishnagiri vide Letter RC. No. 147/2015/Mines dated 04.12.2019.

i) Details of Existing quarries:

S. No.	Name of the lessee	Village	S. F. No.	Extent (In hect)	GO No & Date	Lease period
1.	Thiru. MahaboobShereef, S/o. RasoolShriff, Iruthukottai Village, Denkanikottai Taluk Krishnagiri District	Irudukottai	1106/1 1123/1	1.20.5	G.O. (3D) NO. 23 Ind.MMB2 Dept.Dt. 27.08.2014	08.10.2014 to 07.10.2034
2.	Thiru. D. Karunanithi, S/o. M. Dharman, Valasagoundanoor Village, Puliyampatti Post, Pochampalli Taluk, Krishnagiri District 635206	Irudukottai	1114/2, 1114/3 (P), 1114/4(P), 1110/2A (P), 1116/1 (P)	3.63.5	G.O.(3D) No. 45 Ind (MME-2) Dept. 10.12.2015	08.01.2016 to 07.01.2036
				4.84.0		

ii) Details of abandoned / old quarries:

S. No.	Name of the lessee	Village	S. F. No.	Extent (In hect)	GO No & Date	Lease period
Nil	Nil	Nil	Nil	Nil	Nil	Nil

iii) Details of Proposed quarries:

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S. No.	Name of the lessee	Village	S. F. No.	Extent in Hect	GO. No. & Date	Lease period
1.	M/s. Anbura mineral Private Limited, No. 53C, 1 <sup>st</sup> Floor, Near to Post Office, M.G. Road, Hosur 635109	Irudukottai	1127/4 1127/5	1.93.5	--	Instant Proposal

## (iv) Details of Applied Area:

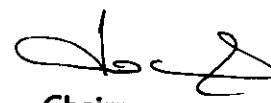
S. No.	Name of the lessee	Village	S. F. No.	Extent (In hect)	Remarks
--- NIL ---					

The SEAC noted the following:

1. The Proponent, M/s. Anbura Minerals Private Limited has applied for Environmental Clearance to SEIAA-TN on 21.08.2019 Proposed Multi Color Granite quarry lease over an extent of 1.93.5ha comprising S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village of Denkanikottai Taluk, Krishnagiri District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, 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 normal conditions as part of ToR:

1. The study shall be conducted on the combined impact of the quarries in the cluster
2. A detailed study of the lithology of the mining lease area shall be furnished.

  
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3. Details of village map, "A" register and FMB sketch shall be furnished.
4. The proposal for green belt activities shall be furnished.
5. The Socio economic studies should be carried out within 10km buffer zone from the mines.
6. Detailed study report combined impact of the crushers, their impacts on the water bodies, and open wells within 1 km radius impact on this the project proponent shall furnish in the EIA report.
7. Detailed mining closure plan for the proposed project approved by the Geology /Mining department shall be submitted along with EIA report.
8. The spot level and contour levels of the proposed quarry site shall be measured and the same shall be furnished along with EIA.
9. 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.
10. The proponent may conduct a detailed Hydro-geological study and to study the impacts of mines both on surface water and groundwater availability, water levels and their water quality and furnish report along with EIA report.
11. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.
12. The proponent shall obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
13. Ground water quality monitoring should be conducted for one month and the report shall furnish in the EIA report.
14. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
15. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.

  
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16. Modeling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
17. A study on the geological resources available shall be carried out and reported.
18. A specific study on agriculture & livelihood shall be carried out and reported.
19. Impact on ponds, rivers and other water bodies to be elaborated.
20. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
21. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

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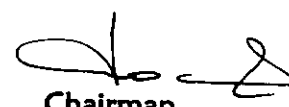
(File No. 7123/2019)

Proposed Rough Stone and Gravel quarry over an Extent of 21/2F, 21/2G, 21/2H, 21/2I, 21/2J and 21/2K over an area of 2.09.5Ha in Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District , Tamil Nadu by Thiru P.Sankar – For ToR.  
(SIA/TN/MIN/42488/2019)

The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. Government Order / Lease details:

- a. The quarry lease was applied in the name of Thiru.P.Sankar, Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide Rc.No.80/Kanimam/2018, dated 12.07.2019 for a

  
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period of 5 years. It is a fresh lease for Rough Stone and Gravel quarry over an Extent of 21/2F, 21/2G, 21/2H, 21/2I, 21/2J and 21/2K over an area of 2.09.5Ha in Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ approved <sup>by</sup> ~~from~~ the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No.80/Kanimam/2018 Dated: 31.07.2019

3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 3,28,200m<sup>3</sup> of Rough Stone 31,122m<sup>3</sup> of Weathered Rock and 16,320m<sup>3</sup> of gravel formation for the period of Five years.

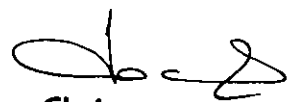
YEAR	ROUGHSTONE IN m <sup>3</sup>	WEATHERED ROCK IN m <sup>3</sup>	GRAVEL IN m <sup>3</sup>
I	65550	26910	14040
II	65425	4212	2280
III	65700	-	-
IV	65575	-	-
V	65950	-	-
<b>Total</b>	<b>328200</b>	<b>31122</b>	<b>16320</b>

4. The quarry operation is proposed upto a depth of 43m (from + 126m RL to 83m RL).
5. The quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Rough stone, weathered rock and Gravel are to be transported by Tippers of 4Nos. (5/10Tcapacity).

  
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7. The project is locating at Latitude: 12°43'03"N to 12°43'07"N and Longitude: 79°43'15"E to 79°43'22"E. Toposheet Number: 57-P/09, 10, 13 & 14.
8. The total Manpower requirement is 22 Nos. (Permanent: 14, Temporary: 8)
9. Total cost of the project is Rs. 87,98,000/- (Including Operational + Fixed Asset & EMP cost).  
EMP cost is about Rs. 5,10,000/-
10. The ground water table is at a depth of 60m to 57m.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No Wild Life Sanctuary is located within 10km radius.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District dated 02.08.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter Rc.No.80/Kanimam/2018 dated 31.07.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

  
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Sl. No	Name of the Owner (Tvl)	Village & S.F.No.	Extent in Hect.	Lease Period	Remarks
<b>I).Existing Quarries</b>					
1	Thiru.B.Dheenana, Vembakkam Taluk,	Ezhacheri& 65/6	0.95.5H a	20.07.2018 to 01.03.2021	Existing Quarries
2	Thiru.C.Sugumar, S/o.Chandrababu, No.18-A, V.V.Kovil Street, Walajabad Taluk, Kancheepuram District.	Ezhacheri& 20/1H, 1I, 3B, 3C and 3D	1.82.5Ha	16.11.2018 to 15.11.2023	
3	Tvl.Golden Sands, No.15, 4th Street, VGP Lay out, East Coast Road, Chennai-115	Ezhacheri& 1/2B2B, 2D, 7, 8, 9, 2C & 20/3A	1.82.5Ha	07.11.2018 to 06.11.2023	
4	Thiru.M.R.Azhagiri, S/o.M.P.Rajalingam, Sriperumbuthur Taluk, Kancheepuram District, Pin Code-600122.	Chithalapakka m& 8/1A, 1B, 1C, 1D, 1E, 1F etc.	3.87.5H a	17.10.2018 to 16.10.2023	-

<b>II).Abandoned Quarries</b>					
1	Thiru.B.Dheenana, Vembakkam Taluk	Ezhacheri& 25/2	1.00.5H a	19.03.2010 to 18.03.2015	Abandoned Quarries
<b>III).Present Proposed Quarries</b>					
1	Thiru.P.Sankar, S/o.Ponnappan, No.1/63, PillaiyarKoil Street, Erumaiyur Village, Thirumudivakkam, Chennai - 600044.	Ezhacheri, S.F.Nos: 21/2F, 21/2G, 21/2H, 21/2I, 21/2J	2.09.5H a	-	Proposed quarry

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		and 21/2K			
<b>IV).Future Proposed Quarries</b>					
1	Thiru.K.Chandrasekar an, S/o.Kathirvel, No.301, MadhuraiyanPettai Street, Mamandur Village, Vembakkam Taluk	Kundiyanthand alam 163/1A, 1B, 2, 3 etc...	1.97.5Ha	-	Future Proposed Quarries

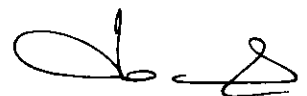
The total lease within the 500m radius (existing + proposed) works out to 12.55.0 ha including this lease area.

The SEAC noted the following:

1. The Proponent, Thiru P.Sankar has applied for ToR to SEIAA-TN on 21.08.2019 Proposed Rough Stone and Gravel quarry over an Extent of 21/2F, 21/2G, 21/2H, 21/2I, 21/2J and 21/2K over an area of 2.09.5Ha in Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District , Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, 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 normal conditions as part of ToR:



1. The study shall be conducted on the combined impact of the quarries in the cluster
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. Details of village map, "A" register and FMB sketch shall be furnished.
4. The proposal for green belt activities shall be furnished.



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5. The Socio economic studies should be carried out within 10km buffer zone from the mines.
6. Detailed study report combined impact of the crushers, their impacts on the water bodies, and open wells within 1 km radius impact on this the project proponent shall furnish in the EIA report.
7. Detailed mining closure plan for the proposed project approved by the Geology /Mining department shall be submitted along with EIA report.
8. The spot level and contour levels of the proposed quarry site shall be measured and the same shall be furnished along with EIA.
9. 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.
10. The proponent may conduct a detailed Hydro-geological study and to study the impacts of mines both on surface water and groundwater availability, water levels and their water quality and furnish report along with EIA report.
11. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.
12. The proponent shall obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
13. Ground water quality monitoring should be conducted for one month and the report shall furnish in the EIA report.
14. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
15. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
16. Modeling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.

  
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17. A study on the geological resources available shall be carried out and reported.
18. A specific study on agriculture & livelihood shall be carried out and reported.
19. Impact on ponds, rivers and other water bodies to be elaborated.
20. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
21. The recommendation for the issue of Terms of Reference is subject to the final 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).
22. The proponent shall clarify whether location of the project site attracts NBWL clearance.
23. The proponents shall furnish details of number of trees to be removed for mining activity and proposal for number of trees to be replanted.
24. Electrical line passing through the project site, if any, shall be relocated and a plan for the same may be included.

Agenda No.: 140 – 20

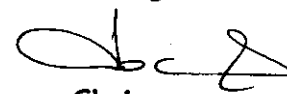
(File No. 7079/2019)

Proposed construction of St. Peters Medical Campus at S.F. No. 502/1, 2; 503; 504; 506/1, 2; 524/1, 2; 525; 526/1, 2; 527/1, 2; 528/1, 2; 529/2, 3, 4; 530/1, 2; 531/1, 2; 532/2, 3; 533/1, 2; 534; 535/2; 536/1, 2; 537; 538; 543 of Chennathur Village, Hosur Municipality and in S.F. No: 4/1; 5/2B; 278; 279; 280; 281; 295/3A1, 3A2, 3A3, 3B1, 3B2, 3B3; 302/3 of Mornapalli Village, Perandapalli Panchayat, Hosur Taluk, Krishnagiri District by St.Peter's institute of higher education and research-For Environment Clearance (SIA/TN/NCP/44321/2019)

  
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The proposal was placed in this 140<sup>th</sup> SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at latitude 12.720691°N and longitude 77.865940°E.
2. The project consists of Super speciality hospital block(G+8), Medical academic block(G+4), Dental academic block(G+2), Nursing academic block – A(G+3), Nursing academic block – B(G+3), Pharmacy academic block(G+4), Ayurvedic academic block(G+5), Oxygen plant(G), Mortuary and autopsy hall(G), Central pharmacy(G+2), Medical college hospital block(Basement+G+7), Canteen block(G+3), Interns hostel block male(G+3), Intern hostel block female(G+3), Residents quarters block male(G+3), Residents quarters block female(G+3), Teaching staff quarters(G+9), Non-teaching staff quarters(G+9), Medical admin block(G+4), Nurse quarters block – A(G+9), Nurse quarters block- B(G+9), Nursing girls hostel block(G+3), Medical boys hostel block(G+5), Medical girls hostel block(G+5), Dental boys hostel block(G+3), Dental girls hostel block(G+3), Pharmacy boys hostel block(G+3), Pharmacy girls hostel block(G+3), Ayurvedic boys hostel block(G+3), Ayurvedic girls hostel block(G+3), Library block(G+4), Dean quarters(G+1), RMO quarters(G+1), Medical superintendent quarters(G+1), Nursing superintendent quarters(G+1), Dental principal quarters(G+1), Nursing principal quarters(G+1), Ayurvedic principal quarters(G+1), Pharmacy principal quarters(G+1), Laundry block(G), Power house(G), Workshops(G), gymnasium(G), Security room(G), Department of naturopathy yoga philosophy block (G+2), Executives quarters block (G+9), Homeopathy boys hostel block(G+3), Homeopathy girls hostel block(G+3), Homeopathy principal quarters(G+1), Laundry Indian medicine(G), Naturopathy boys hostel block(G+3), Naturopathy cafeteria/ students store block(G+1), Naturopathy girls hostel block(G+3), Naturopathy principal quarters(G+1), Nursing boys hostel block(G+3), Siddha boys hostel block(G+3), Siddha girls




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- hostel block(G+3), Siddha principal quarters(G+1), Staff quarters for Indian medicine block(G+9), Ayurveda hospital block(Basement+G+3), Emergency / trauma care block(G+3), Homeopathy academic block(G+3), Homeopathy hospital block(G+3), Naturopathy academic block, Naturopathy hospital block(G+3), Physiotherapy academic block(G+3), Siddha academic block(G+3), Siddha hospital block(G+3), Security/bank/pharmacy block(G)
3. Total land area is 297000Sqm.The total built-up area of the proposed medical building is 338145.16Sqm.
  4. The green belt area proposed for the project is 44550Sqm(15% of total land area).
  5. The daily fresh water requirement is 820 kLD to be sourced from Ground water.
  6. Domestic water of 693 kLD and 477kLD of flushing water will be let into the sewage treatment plant (1200 kLD). After sewage treatment process, 1112 kLD of treated water will be generated, out of which 477 kLD will be used for flushing, 156 kLD for gardening, 104 kLD for OSR and 375 kLD for agriculture purposes.
  7. About 50 kLD of lab and laundry will be let into the Effluent treatment plant (60 kLD). After effluent treatment process, 45 kLD of treated water will be generated which will be used for agriculture purposes.
  8. The bio degradable solid waste (3855kg/day) will be treated in biogas plant. The non-bio degradable solid waste (2570kg/day) will be handed over to Authorized recyclers.
  9. The proponent is proposed to install 4 nos. of each 500 kVA DG sets each with a stack height of 51 m.

The SEAC noted the following:

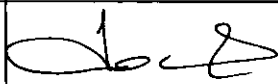
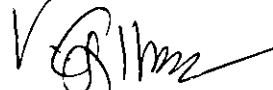
1. The Proponent M/s St.Peter's institute of higher education and research has applied for Environmental Clearance "Building and Construction Projects" at S.F. No. 502/1, 2; 503; 504; 506/1, 2; 524/1, 2; 525; 526/1, 2; 527/1, 2; 528/1, 2; 529/2, 3, 4; 530/1, 2; 531/1, 2; 532/2, 3; 533/1, 2; 534; 535/2;

  
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536/1, 2; 537; 538; 543 of Chennathur Village, Hosur Municipality and in S.F. No: 4/1; 5/2B; 278; 279; 280; 281; 295/3A1, 3A2, 3A3, 3B1, 3B2, 3B3; 302/3 of Mornapalli Village, Perandapalli Panchayat, Hosur Taluk, Krishnagiri District.

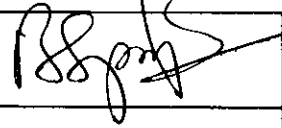
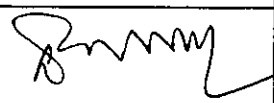
2. The project/activity is covered under Category "B" of Item 8(b) "Township and Area Development Projects" of the Schedule to the EIA Notification, 2006.

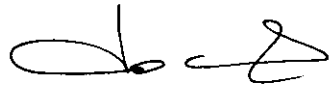
Based on the presentation made by the proponent and the documents furnished, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC since the project proponent applied under violation under the notification of MoEF&CC dated 14/03/2017 and 8/03/2018. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

S.No	Name	Designation	Signature
1	Dr. S. Mohan	Chairman	
2	Thiru D. Sekar	Member Secretary	—
3	Dr. S. Kanmani	Member	—
4	Dr. Velu Gomathi	Member	
5	Dr. L. Subbaraj	Member	—
6	Thiru.V.Shanmugam	Member	—
7	Dr. R.Siva coumar	Member	—

  
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8	Shri B. Sugirtharaj Koilpillai	Member	
9	Dr. L. Elango	Member	-
10	Dr. R. Ilangovan	Member	
11	Dr. S. Sankar	Member	-
12	Thiru. T. Murugu Subramonian	Member	



Chairman  
SEAC-TN  
