

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of 315th Meeting of the State Expert Appraisal Committee (SEAC) held on 29.9.2022 September 2022 (Thursday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects.

Agenda No: 315-1

(File No: 7602/2022)

Proposed Rough stone & gravel quarry lease area over an extent of 1.85.0 Ha at S.F. Nos. 27/6, 27/7, 27/8 & 29/1, Nalmukkal Village, Marakkanam Taluk and Viluppuram District Tamil Nadu by Thiru. D.Durai- For Environmental Clearance. (SIA/TN/MIN/59144/2020 Dt.21.2.2022)

Earlier, this proposal was placed for appraisal in 268<sup>th</sup> meeting of SEAC held on 29.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

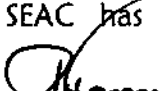
**The SEAC noted the following:**

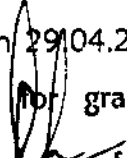
1. The Project Proponent, Thiru. D.Durai has applied for Environmental Clearance for the Proposed Rough stone & gravel quarry lease area over an extent of 1.85.0 Ha at S.F. Nos. 27/6, 27/7, 27/8 & 29/1, Nalmukkal Village, Marakkanam Taluk and Viluppuram District Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 187420 m<sup>3</sup> of rough stone and 24616 m<sup>3</sup> of gravel. The Annual peak production as per the mining plan is 39250 m<sup>3</sup> of rough stone (2<sup>nd</sup> year) & 9130 m<sup>3</sup> of gravel (2<sup>nd</sup> year) with ultimate depth – 37m BGL.
4. The PP has issued with ToR vide Lr No. SEIAA-TN/F.No.7602/SEAC/ToR-985/2020 Dated: 5.7.2021.

The proposal was placed in the 513<sup>th</sup> SEIAA meeting held on 30.05.2022.

Authority noted the following:

The proposal was placed in the 268<sup>th</sup> meeting of SEAC held on 29.04.2022. SEAC has furnished its recommendations to the Authority for granting

  
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**Environmental Clearance to the Project** subject to the conditions stated therein.

The Authority after detailed discussions decided to refer back the proposal to SEAC to consider the following points.

1. Aquifer in the vicinity
2. Ground water potential and impact
3. Water bodies which includes Eri/Odai/Lake located in the vicinity
4. Biodiversity
5. Marine/Coastal ecosystem
6. Change in land use and land cover
7. The EMP has to provide detailed mitigation strategies
8. Detailed Disaster management plan

The proposal was placed for appraisal in the 294<sup>th</sup> meeting of SEAC held on 14.07.2022. The Project proponent made a presentation along with clarifications for the above shortcomings observed by the SEIAA.

Based on the clarification submitted by the PP, the Committee decided to recommend the proposal for the grant of Environmental Clearance. All other conditions stated in the 268<sup>th</sup> meeting of SEAC held on 29.04.2022 will remain unaltered.

The proposal was placed in the 539<sup>th</sup> Authority meeting held on 17.08.2022. The Authority noted that SEAC has recommended for grant of EC for the entire proposed mine lease area (1.85 ha) and for the total production quantity as per the mining plan submitted.

Further, it is observed that ToR issued vide Lr.No.SEIAA-TN/F.No.7602/SEAC/ToR-985/2020 dated 05.07.2022 subject to one of the Terms of Reference among others that *"3. considering the water body on the southern side, restricting the area of 0.46 ha of the effective mining shall be carried out in 1.39 ha."* and in the self-certified compliance report furnished, the project proponent has agreed and noted for the above-said ToR. Accordingly, the PP has not submitted a revised mining plan along with EIA report as per above said ToR issued Dt: 05.07.2022.

  
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After detailed deliberations, Authority decided to refer back the proposal to SEAC for recommendation, considering the revised mining plan as per TOR recommended as stated above.

Aforesaid refer back proposal was placed in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. The project proponent gave a presentation on the above points raised by SEIAA and submitted a letter to SEAC on 29.09.2022 stating the following:

*"Firstly, as per the ToR there are no water bodies abutting the proposed project area and on the south side of the project area is S.F. No 29 & 18 (S.F. No 29 is subdivided 29/1 – Patta Land & 29/2 Govt. Land and S.F.No. 18 is subdivided as 18/1, 18/2, 18/3 & 18/4 in this area S.F.No 18/1 is classified as Government poramboke land - abandoned old quarry pit. S.F.Nos 18/2, 18/3 & 18/4 – Patta Lands).*

*Further south is the Nearest Water body - Nalmukkal Eri is located 120m in S.F. No. 51 South West side of the project area.*

*Detailed Study of the nearby waterbodies is carried out and inference is no significant impact on the water bodies nearby as the proposed mining activity is on a hard batholith formation of charnockite group and has no lineaments crossing the water body and project area.*

*Secondly as per ToR Point 3 – "restricting the area of 0.46 ha of the effective mining area shall be carried out in 1.39 ha". The water body is at a distance of 120 m and in between the water body and proposed project area is other Patta land.*

*The restriction of area was considered as a whole of area and calculated which comes to around 1.26.5 ha as per the approved mining plan.*

*And distance from water body is 120 m + 7.5 m from adjacent Patta lands i.e., Total of 127.5 m from the water body.*

*Therefore, considering the merits of the proposal and effective mining area is 1.26.5 ha request for recommendations for Grant of Environmental Clearance."*

  
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Based on the presentation made, the Committee decided once again to reiterate the recommendation already made in 268<sup>th</sup> Meeting of SEAC held on 29.04.2022. All the conditions prescribed will also remain unaltered.

**Agenda No: 315-2**

**(File No: 7805/2021)**

**Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No's. 200/1C (Block – 11) Vengalam Village, Veppanthattai Taluk, Perambalur District, Tamil Naduby Thiru G. Jegadeesan- For Environmental Clearance. (SIA/TN/MIN/171000/2020 Dt.22.7.2021)**


Earlier, this proposal was placed for appraisal in 264<sup>th</sup> meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


**The SEAC noted the following:**

1. The project proponent, Thiru G. Jegadeesan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No's. 200/1C (Block – 11) Vengalam Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu. It is a Govt. poromboke land.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 231590 m<sup>3</sup> of Rough stone and 10000 m<sup>3</sup> of top soil. The Annual peak production as per mining plan is 51200 m<sup>3</sup> of rough stone (3<sup>rd</sup> year) with ultimate depth – 86m (46m AGL + 40m BGL).

The proposal was placed in the 509<sup>th</sup> SEIAA meeting held on 20.05.2022. The Authority Noted that in the 227 SEAC meeting, SEAC decided to direct proponent to obtain clarification from AD, Geology & Mining in regard to assess whether the status of cluster exceeds 500m radius of the proposed site along with details of validity of lease period for the existing & proposed mining area considering blocks at S.F No. 200.

In this connection, the proponent has furnished reply for 227<sup>th</sup> SEAC meeting minutes vide Lr. Dt:15.09.2021 followed by cluster certificate letter from AD,

  
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Geology & Mining, Perambalur Dt:06.09.2021.

The proposal was again placed in this 236<sup>th</sup> SEAC meeting held on 05.10.2021 and the SEAC noted that the cluster certificate letter from AD, Geology & Mining, Perambalur Dt:06.09.2021 furnished by the proponent was not genuine. Hence, the SEAC after the detailed deliberations has decided that SEIAA shall address DD/AD, Geology & Mining, Perambalur District regarding the genuinity of the above said cluster certificate letter from AD letter dt: 06.09.2021 furnished the proponent.

After the receipt of reply from the DD/AD, Geology & Mining, Perambalur District, the SEIAA shall verify same and forward the said application to SEAC for appraisal so as to place said proposal in the forthcoming ensuing meeting.

The proposal was placed in the 264<sup>th</sup> meeting held on 19.4.2022 and the SEAC has decided to recommend the proposal for issue of Environmental Clearance subject to certain conditions stated therein.

In this regard, the Authority noted that SEAC has not addressed the above points in the 264<sup>th</sup> SEAC minutes. Also, a complaint was received against the project proponent regarding fake documents.

In view of the above, the Authority after detailed discussion decided to address AD/DD Mines Department after obtaining reply place it before authority for further course of actions.

Now, the proposal placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.9.2022. The Project proponent made a presentation along with clarifications for the above shortcomings observed by the SEIAA.

The AD, Geology & Mining, Perambalur District in his letter Rc.No.140/G&M/2021 dated 07.03.2022, has stated that the impugned letter has been verified and found to be correct. The Committee in its 264<sup>th</sup> meeting held on 19.4.2022 has discussed the letter in detail already and recommended the proposal for the grant of Environmental Clearance and the details of the same is available in the file.

  
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Based on the above clarification, the Committee reiterated its earlier recommendation made in the 264<sup>th</sup> SEAC meeting.

#### SEIAA REMARKS

The proposal was placed in the 539<sup>th</sup> Authority meeting held on 16.08.2022. The authority noted that the proposal was placed for appraisal in the 294<sup>th</sup> meeting of SEAC held on 14.07.2022 and the SEAC decided to confirm the recommendation for the issue of Environmental Clearance subject to certain conditions stated therein vide minutes of 271<sup>st</sup> meeting of SEAC held on 12.5.2022.

In this connection, Authority noted that as per the MoEF&CC Notification S.O.2269(E)Dt: 01.07.2016

*"(6) A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or quarry licenses granted on and after 9th September, 2013."*

*"The leases not operative for three years or more and leases which have got environmental clearance as on 15th January, 2016 shall not be counted for calculating the area of cluster, but shall be included in the Environment Management Plan and the Regional Environmental Management Plan."*

Also, the 500m radius Cluster area letter issued by the Assistant Director, Geology & Mining, Perambalur signed on 06.09.2021 reveals that the total cluster area works out to be 5 Ha and details are as follows

*"Following quarries are falls in the cluster category as per the cluster Notification S.O 22659(E), dated 01.07.2016*

#### Proposed Quarries

S.No	Name of the Quarry	Taluk & Village	Block No. & Extent in Ha
1	G.Jagadeesan	Vengalam East & Veppanthattai	200/1C(P) Block No.11 & 1.00.0

  
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3	V.Jagadeesan	Vengalam East & Veppanthattai	200/1C(P) Block No.10& 1.00.0	25.11.2010- 24.11.2020
4	Nallathambi	Vengalam East & Veppanthattai	200/1C(P) & 1.00.0	26.12.2008- 25.12.2018
5	Baskar	Vengalam East & Veppanthattai	200/1C(P) & 1.00.0	26.12.2008- 25.12.2018

In view of the above, the Authority after a detailed discussion decided to refer back the proposal to SEAC for consideration and further course of action in regard to the MoEF&CC Notification Dt: 01.07.2016.

Aforesaid refer back proposal was placed in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. The project proponent gave a presentation on the above points raised by SEIAA and submitted a letter from Assistant Director, Geology and mining, Perambalur vide RC.No.140/G&M/2019 dated 25.08.2022 as follows:

1) Existing quarries:

Sl.No	Name of the lessee	Village / Taluk	S.F. No.	Extent in Hect
		Nil		

2) Proposed quarries:

Sl.No	Name of the lessee	Village / Taluk	S.F. No.	Extent in Hect
1	Thiru.G.Jegadeesan, S/o.Ganapathi, No.126, Goundarpalayam, Malayalappatti (Post), Veppanthattai Taluk, Perambalur District - 621 103.	Vengalam / Veppanthattai	200/1C (Block 11)	1.00.0
2	Thiru.S.Jaisankar, S/o.Seenivasan, No.3/282, South Street, Nergunam Village, Nooththappur (South), Veppanthattai Taluk, Perambalur District -	Vengalam / Veppanthattai	200/1C (Block 12)	1.00.0

  
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### 3) Expired quarries:

S. No.	Name of the leasee	Village	S.F. Nos.	Extent in Hect	Lease period	Last Permit taken on
1.	P. Duraikrishna	Vengalam / Veppanthattai	200/1C(P) Part 9,	1.00.0	17.07.2010 to 16.07.2020	25.04.2018
2.	J. Vellaisamy	Vengalam / Veppanthattai	200/1C(P) Block 7,	1.00.0	16.07.2010 to 15.07.2020	13.03.2020
3.	V.Jagadeesan	Vengalam / Veppanthattai	200/1C (P) Block 10,	1.00.0	25.11.2010 to 24.11.2020	14.08.2012
4.	Baskar	Vengalam / Veppanthattai	200/1C (p)	1.00.0	26.12.2008 to 25.12.2018	-
5.	Nallathambi	Vengalam / Veppanthattai	200/1C (p)	1.00.0	26.12.2008 to 25.12.2018	-

### 4) Abandoned quarries:

S. No.	Name of the leasee	Village	S.F. Nos.	Extent in Hect	Lease period
1.	Krishnaraj	Vengalam / Veppanthattai	200/1C(p) Block 3,	1.00.0	16.09.2010 to 15.09.2015
2.	A.Govindasamy	Vengalam / Veppanthattai	200/1C(p) Block 2,	1.00.0	26.07.2010 to 25.07.2015
3.	S.Jaisankar	Vengalam / Veppanthattai	200/1C(p) Block 1,	1.00.0	29.03.2006 to 28.03.2016
4.	Baskar	Vengalam / Veppanthattai	200 (p)	1.00.0	12.08.2004 to 08.11.2009
5.	Nallathambi	Vengalam / Veppanthattai	200 (p)	1.00.0	12.08.2004 to 08.11.2009

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Based on the presentation made, the Committee decided once again to reiterate the recommendation already made in 271<sup>st</sup> Meeting of SEAC held on 12.05.2022. All the conditions prescribed will also remain unaltered.

**Agenda No.315 – 03.**

**(File No. 8660/2021)**

**Proposed Black Granite (Dolerite) Quarry over an extent of 1.24.5Hectare at S.F.No: 283/1B, 284/3, 284/6A & 277/4B of Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu by M/s. Sunshine Enterprises Pvt Limited - For Environmental Clearance. (SIA/TN/MIN/218411/2021 dated 21.07.2021)**

Earlier, this proposal was placed for appraisal in 242<sup>nd</sup> meeting of SEAC held on 03.02.2022. The details of the project furnished by the proponent are given in the website (Parivesh.nic.in)

The SEAC noted the following:

1. The Project Proponent of M/s. Sunshine Enterprises Pvt Limited has applied for Environmental Clearance Proposal for quarrying of Black Granite Quarry over an Extent of 1.24.5Ha at S.F.No: 283/1B, 284/3, 284/6A & 277/4B Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The lease period is for 20 years. The production for 5 years (as per approved review of 2<sup>nd</sup> scheme mining 2019-20 to 2023-24) not to exceed –ROM – 34,310m<sup>3</sup> (Recovery @10% =3431 m<sup>3</sup> & Waste@ 90% = 30879 m<sup>3</sup> Black granite). The annual peak production as per scheme is 830 m<sup>3</sup> of grey granite with proposed depth of 30m(BGL).

Sl. No	Details of the Proposal	
1	Name of the Owner/Firm	: Tvl. Sunshine Enterprises(P) Limited Thiru. R. Elangovan (Director) Plot No.123, G.K.R. Nagar Chinniyampalayam Coimbatore District-641062

  
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2	Type of quarrying (Savudu/Rough Stone/Sand/Granite)	: Black Granite
3	S.F No. Of the quarry site with area break-up	: 283/1B, 284/3, 284/6A & 277/4B
4	Village in which situated	: Adhikarapatty
5	Taluk in which situated	: Pappireddipatti
6	District in which situated	: Dharmapuri
7	Extent of quarry (in ha.)	: 1.24.5Ha (Patta Land)
8	Period of quarrying proposed	: 5 years
9	Type of mining	Opencast Semi Mechanized Mining Method
10	Production (Quantity in m <sup>3</sup> )	: 3431m <sup>3</sup> of Black Granite
11	Latitude & Longitude of all corners of the quarry site	: 11°55'8.92"N to 11°55'8.53"N & 78°23'7.93"E to 78°23'9.83"E
12	Topo Sheet No.	: 58- 1/5
13	Man Power requirement per day:	30 Nos
14	Precise area communication approved by the Industries department of Geology and Mining with date	: G.O. (3D) No.5, Industries Department, dated:03.02.2009
15	Mining Plan approved by Commissioner, commissionerate Department of Geology and Mining with date	: Rc. No.7289/MM4/2020, dt: 12.02.2021
16	Water requirement: 1. Drinking & domestic purposes (in KLD) 2. Dust suppression , Green Belt &Wet Drilling (in KLD)	: 5 KLD 0.5 KLD & 1.5KLD  1.0 KLD &1.5 KLD 1.0 KLD
17	Power requirement a. Domestic Purpose	TNEB
18	Depth of quarrying	: 30m
19	Depth of water table	: 33m-36m
20	Whether any habitation within 300m distance	: No
21	Project Cost (excluding EMP cost)	: 40.00 Lakh
22	EMP cost	: 4.75 Lakh
23	CER cost	0.80 Lakh
	Deputy Director, mines 500m cluster letter	RC No.133/2016(Mines), dt: 20.07.2021.
	VAO certificate regarding 300m radius	Letter dated: 22.07.2021

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Based on the presentation and documents furnished by the project proponent, SEAC decided to obtain the following details,

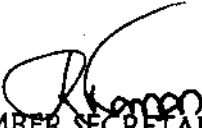
1. Since one house is located at a distance of 15m, the Project Proponent shall obtain Certificate from Director of Mines Safety.
2. The project proponent shall submit certified compliance report for the EC obtained earlier.

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

The Sub-Committee of SEAC visited the project site on 20.03.2022 (Sunday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022 and the observations of the Sub-committee are as follows,

Observations Made by the Sub-Committee:

1. The proposed Black Granite Quarry at Lease area over an Extent of 1.24.5 Ha at S.F. Nos. 283/1B, 284/3, 284/6A & 277/4B is situated at Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu.
2. The existing depth of quarry is ranging from 6 m to 30 m (western part) and the ultimate depth of the proposed quarry is fixed as 30 m as per the approved mining plan.
3. The benching is not completely done in the existing quarry as per the conditions specified in the approved mining plan.
4. The fencing which may completely restrict the entry of public to the mines is not provided to the existing quarry.
5. A Granite processing factory is located in 'non-functioning' condition at a distance of 30m in the east side of the existing quarry. In the Survey

  
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No.283/1A2 & 289/2 for an extent of 4.30 acres, which actually belongs to Sunshine Enterprises (P) Limited.

6. The earlier observation of the SEAC that there is a house located at a distance of 15 m northeast direction is an Old Shed but it is completely demolished now.
7. The Periyandal Temple is situated in SF. No. 277/3 on west side of lease applied area, at a distance of 24 m from the boundary of the mine.
8. The rainwater is completely filled in the existing quarry pit and it is being pumped out to feed the plantations and agricultural purposes in the adjoining agricultural lands.
9. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and neem trees.
10. Agricultural field exists near this mine which shows groundwater in this region not affected due to mining activity.

**Recommendations by sub-committee:**

1. As per the 230th meeting of SEAC instructions, the Executive Engineer of PWD had issued NOC to the proposed mines which mainly states that water from Noyyal River situated in the south-western and any other water bodies should not be used for quarrying purpose.
2. The Subcommittee has asked the proponent to submit the following documents to consider grant of Environmental Clearance for the aforesaid quarry:
  - a. A letter from the Village Administrative Officer that there is no public entry (or) pathway for public usage exists in the leasehold area of the quarry and within quarry site to satisfy the provisions of the Rule 36 (1) & (1-A) of the Tamil Nadu Minor Mineral Concession Rules, 1959.
  - b. The documental evidence to provide the ownership rights belongs to M/s. Sunshine Enterprises Private Limited and current status of the aforesaid Granite processing factory located a distance of 30 m in the east side of the existing quarry, in the Survey No.283/1A2 & 289/2 as it belongs to Sunshine Enterprises (P) Limited to satisfy the provisions of the Rule 36 (1-A) (a) of the Tamil Nadu Minor Mineral Concession Rules, 1959.

- c. A letter of consent from the person(s) who are managing the above mentioned Temple located on west side of the quarry at a distance of 24 m stating that there is no objection for carrying out the quarrying operations in the future.
3. Further, the SEAC sub-committee has asked to comply the following conditions before the commencement of the quarrying operations if the Environmental Clearance is obtained from the competent authority.
- a. The Fencing shall be installed around the boundary of the existing quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.
  - b. The mine water shall be completely drained out in the western side of the existing quarry (towards the temple) before the commencement of backfilling operations.
  - c. The backfilling shall be done with a dimension of 30m ( L) x 30.2 (W) x 21.89 m (D) in the western side of the existing quarry (near the temple direction) using the waste material available within the mine lease area to cover a length of 30 m from the boundary stretching towards eastern side of the existing quarry for bringing the land into the existing original and surrounding ground level condition to maintain 50 m distance horizontally from the outer toe of the above Temple building, as per rule 36(1) of Tamil Nadu Minor Mineral Concession Rules, 1959.
  - d. The backfilling operation shall be carried out in accordance with 'Code of Practice for Prevention of Injuries to Persons Engaged in Tipping on Stockpiles and Dumping of Overburden in Above Ground Mines' as recommended in the 7th Conference on Safety in Mines and given in DGMS Technical Circular No. 1 of 1989 under the supervision of statutory competent persons.
4. The SEAC sub-committee has recommended adopting only the non-explosive techniques such as Diamond-Saw cutting while carrying out the granite quarrying operations in the existing pit and no blasting operations shall be carried out.
5. The proposed mine is well covered by green belt and it needs to be maintained continually while carrying out the quarrying operations.

  
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Hence, the subcommittee opines the proposal for the grant of Environmental Clearance for the Black Granite Quarry at Lease area over an Extent of 1.24.5 Ha at S.F. Nos. 283/1B, 284/3, 284/6A & 277/4B is situated at Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu may be considered unless (i) a letter from the Village Administrative Officer stating that there is no public entry (or) pathway for public usage exists in the leasehold area of the quarry favoring the commencement of quarrying operations; (ii) a documental evidence to provide the ownership rights belongs to M/s. Sunshine Enterprises Private Limited and current status about the aforesaid Granite processing factory located a distance of 30 m in the east side of the existing quarry; (iii) a letter of consent from the person(s) who are managing the above mentioned Temple located on west side of the quarry for favouring the commencement of quarrying operations, are submitted to the SEIAA.

Besides, the Sub-committee recommends the SEAC to instruct the proponent to send the 'Notice of Opening' to the Director of Mines Safety, Chennai Region, Chennai-34 about the commencement of quarrying operations before executing the CTO.

Based on the Inspection report and documents furnished by the project proponent, SEAC decided that the project proponent shall furnish the following details as raised by the sub-committee during site inspection,

1. A letter from the Village Administrative Officer stating that there is no public entry (or) pathway for public usage in the leasehold area and any quarrying operations will not infringe any subsisting easements rights of public.
2. A documentary evidence to prove the ownership rights of M/s. Sunshine Enterprises Private Limited to the leased area and current status about the granite processing factory located a distance of 30 m on the east side of the existing quarry.
3. A letter of consent from the community/person(s) who are managing the above-mentioned temple located on west side of the quarry, stating that they have no objection to the quarry operations shall be submitted to the SEIAA/SEAC.

On receipt of the aforesaid details, SEAC would further deliberate on this

project and decide the further course of action.

The project proponent has furnished reply vide Lr. dt: 10.06.2022. The proposal was placed for appraisal in 297<sup>th</sup> meeting of SEAC held on 21.07.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to call for following additional particulars.

- i) Copy of approved environmental policy of the M/s. Sunshine Enterprises Pvt Limited.
- ii) Revised EMP details & its cost for the period of project life.
- iii) Details of mortgage of the proposed mine lease area in the bank & NOC from bank regarding said mortgage.

The proposal was placed in the 542<sup>nd</sup> Authority meeting held on 22.08.2022. The authority after detailed discussion decided call for the following additional particulars from the project proponent in addition to the above said additional particulars sought by the SEAC as follows

- i) The project proponent shall obtain letter from Tahsildar with reference to clarification on VAO letters obtained dated: 22.07.2021 & 21.03.2022 on discrepancies regarding the existence of vandi paathai within the proposed mining lease area.
- ii) The authority noted that the proponent has submitted NOC for quarry operation of the proposed mine lease area vide Lr. Dt: 20.03.2022 obtained from Admin& pandit/pujari of the nearby temple within 300m radius of the proposed mine lease area.

Further, TNMMCR, 1959 states that "No lease shall be granted for quarrying stone within 300 metres (three hundred metres) from any inhabited site;

Provided that the existing quarries which are subsisting under current leases shall be entitled for continuance till the expiry of the lease period. The lessees whose quarries lie within a radius of 300 metres from the inhabited site shall undertake blasting operations only after getting permission of the Director of Mines Safety, Oorgadaum.

Provided further that the new and existing units of quarries shall also be required to comply with the Pollution Control Measures (i.e) dust control measures) besides complying with the other conditions in regard to Pollution Control Measures."

  
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In view of the above, Authority has decided to refer back the proposal to SEAC after the receipt of above said additional particulars from the proponent.

In this connection, the project proponent has furnished reply vide Lr. dt:01.09.2022 received on 22.09.2022. The proposal was again placed for appraisal in 315<sup>th</sup> meeting of SEAC held on 29.09.2022.

Based on the presentation and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** considering the safety aspect the ultimate depth of mining upto 30m BGL and the quantity of ROM – 34,310m<sup>3</sup> (Recovery @10% of Black Granite =3431 m<sup>3</sup> & Waste/reject @ 90% = 30879 m<sup>3</sup> Black granite) subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by the competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification No. S.O. 1807(E) Dt. 12.4.2022.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for Panchayat Union Middle School, Anumanthapuram Village, Denkanikottai, Krishnagiri before obtaining CTO from TNPCB.
4. Fencing and Green Belt shall be completed for the previous EC granted earlier before obtaining CTO for this proposal.
5. The proponent shall obtain a 'Star Rating' system awarded by Anna University, Chennai annually to the mining lease being operated for their efforts and initiatives taken for successful implementation of the Sustainable Development Framework (SDF).
6. Since the project is located at 1.6km from Cauvery North Wildlife

- Sanctuary, the proponent must spend Rs.5 Lakhs for conservation measures in consultation with the concerned DFO, Hosur before obtaining CTO.
7. The proponent is requested to prepare Standard Operating Procedure for using Diamond Wire Saw Cutting method before obtaining CTO.
  8. The proponent shall mandatorily appoint the statutory Mines Manager & other statutory competent persons and the Geologist in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
  9. The PP shall inform send the 'Notice of Opening' of the quarry to the Director of Mines Safety, Chennai Region before obtaining the CTO from the TNPCB.
  10. The proponent shall construct the 'S3 (or) G2' type of fencing all around the boundary of the proposed working quarry with gates for entry/exit before the commencement of the operation as recommended in the DGMS Circular, 11/1959 and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
  11. The PP shall strictly adhere with the safety provisions as laid for the operation of Diamond Wire Saw machines and use of Cranes vide DGMS Tech Circulars No: 02 of 29.11.2019 & No. 10 of 19.07.2002 respectively.
  12. The PP shall carry out the tree plantation to act as a barrier to reduce noise level and dust pollution along the boundary of the quarrying site considering the wind direction before obtaining the CTO from the TNPCB.
  13. The PP shall ensure that the Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from soil, OB and mineral reject (Granite waste) dumps. The water so collected in such sump should be utilized for watering the mine area, roads, green belt development, etc. The drains should be regularly de silted and maintained properly.
  14. Further, the PP shall construct the garland drain with proper size, gradient and length along the boundary of the pit leaving behind the mandatory

  
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safety zone of 7.5 m as it is designed to take care of run-off water (size, gradient and length).

15. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
16. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e., quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the MoEF & CC, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
17. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
18. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.

19. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
20. The PP shall also develop the Green belt around the office buildings, along the side of the roads and on backfill areas, if any, apart from along the mine lease boundary. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
21. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing
22. As per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
23. **Dust, Noise and Vibration Related:** Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed. Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
24. The impact on fauna species in the mining area is mostly due to noise vibration and loss of vegetation cover. No working is proposed during

night time, i.e., after 6 pm. No lighting is allowed to spread outside quarry lease area.

25. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
26. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
27. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
28. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
29. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
30. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
31. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skilful, scientific and

systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.

32. 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 informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
33. The Project Proponent shall ensure that the funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to the MoEF & CC Ministry and its Integrated Regional Office (IRO) located in Chennai.
34. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
35. All the conditions imposed by the concerned Assistant/Deputy Director, Geology & Mining, in the mining plan approval letter and the Precise area communication letter issued by the concerned District Collector should be strictly followed.
36. The Project Proponent shall send a copy of the clearance letter marked to concerned Panchayat / local representatives, if any, from whom any suggestion/representation has been received while processing the proposal.
37. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

38.All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.

39.As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.

**Agenda No: 315 - 04**

**(File No: 7204/2020)**

**Proposed Rough Stone and gravel Quarry lease area over an extent of 1.40.0Ha of S.F. No.194/6, 194/7, 194/8, 194/9, 194/10, 194/11A, 194/11B, 194/12, 194/13, 194/14 & 194/15, Puliuran Village, Aruppukottai Taluk, Viruthunagar District by Thiru B. Sastiri - For Environmental Clearance. (SIA/TN/MIN/43451/2019 Dt.06.07.2020)**

The proposal was placed for appraisal in 171<sup>st</sup>, 203<sup>rd</sup>, 209<sup>th</sup>, 257<sup>th</sup> SEAC meeting. The details of the minutes are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru B. Sastiri has applied for Environmental Clearance for the proposed Rough Stone and gravel Quarry lease area over an extent of 1.40.0 Ha of S SF.No.194/6, 194/7, 194/8, 194/9, 194/10, 194/11A, 194/11B, 194/12, 194/13, 194/14 & 194/15, Puliuran Village, Aruppukottai Taluk, Viruthunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication valid for the period of 5 Years. The mining plan is for the period of 5 years & as per mining plan, the production should not exceed 70500m<sup>3</sup> of Rough Stone and 32400m<sup>3</sup> of Gravel. The annual peak production 14190m<sup>3</sup> of Rough Stone (1<sup>st</sup> Year) & 16080m<sup>3</sup> of Gravel (1<sup>st</sup> Year). The ultimate depth – 36m BGL.

Sl. No.	Details of the Proposal
1.	Name of the Owner/Firm : Thiru. B. Sastiri S/o. Balakrishnan

  
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		9/99, Lakshmi Colony Udayanathapuram Road, Pandalgudi Post Aruppukottai Taluk Virudhunagar - 626 113.
2.	Type of quarrying (Savudu/Rough Stone/Sand/Granite)	: Rough Stone and Gravel
3.	S.F No. Of the quarry site with area break-up	: 194/6, 194/7, 194/8, 194/9, 194/10, 194/11A, 194/11B, 194/12, 194/13, 194/14 & 194/15
4.	Village in which situated	: Puliyan
5.	Taluk in which situated	: Aruppukottai
6.	District in which situated	: Virudhunagar
7.	Extent of quarry (in ha.)	: 1.40.0 Ha (patta land)
8.	Period of quarrying proposed	: 5years
9.	Type of mining	: Opencast Semi - Mechanized mining
10.	Production (Quantity in m <sup>3</sup> )	: 70500m <sup>3</sup> of Rough Stone and 32400m <sup>3</sup> of Gravel
11.	Depth of quarrying	: 36m
12.	Latitude & Longitude of all corners of the quarry site	: 09°31' 47.50"N to 09°31' 50.10"N 78° 08'33.35"E to 78°08' 39.80"E
13.	Top Sheet No.	: 58- K/02
14.	Man Power requirement	: 8 Nos.
15.	Precise area communication District Collocter, Department of G&M Mines with date	: Rc.No. KV1/912/2018, dated: 10.06.2019.
16.	Mining Plan approved by Deputy Director, Department of G&M Mines with date	: Rc.No. KV1/912/2018, dated:28.06.2019
17.	Deputy Director, Department of G&M Mines with date 500m cluster letter	: Rc.No. KV1/912/2018, dated:14.08.2019
18.	VAO certificate regarding habitation within 300m radius	: Letter Dated: 13.09.2019.
19.	Water requirement: 3. Drinking & Domestic Purpose  4. Dust suppression & Green Belt (in KLD)	: 0.85KLD 0.35 KLD 0.25 KLD 0.25 KLD
20.	Power requirement b. Domestic Purpose	: 86700



	c. Industrial Purpose		Liters of HSD for entrie life
21.	Depth of water table	:	40m
22.	Project Cost	:	Rs. 48.55 lakh
23.	EMP cost	:	Rs. 3.56 lakh
24.	CER cost	:	Rs. 5 Lakhs.

The subject was placed before 257<sup>th</sup> SEAC meeting held on 25.3.2022. Based on the documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for production for 5 years not exceeds 70500 m<sup>3</sup> of Rough stone, and 32400 m<sup>3</sup> of gravel , with proposed depth – 36 m. (BGL), subject to the certain conditions as stated therein.

Subsequently it was placed in the 501<sup>th</sup> Authority meeting held on 22.04.2022. The Authority after detailed discussion, decided to refer back the proposal to SEAC for re-appraisal and the SEAC is requested to re-appraise the proposal based on the copy of certified compliance report of EC obtained earlier and proposed Environmental Protection policy to be submitted by the project proponent.

The proposal was again placed for appraisal in this 285<sup>th</sup> meeting of SEAC held on 16.06.2022. The committee noted that both EIA Coordinator and project proponent were absent.

Now, the proposal placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. PP has submitted CCR and based on the presentation and documents furnished by the project proponent, SEAC decided to re-confirm the recommendation already made in 257<sup>th</sup> SEAC meeting held on 25.3.2022.

**Agenda No: 315-05**

**(File No: 1941/2020)**

**Existing Paper Mill at R.S.Nos. 760, 762, 763, 764/1, 765/1, 765/2, 765/4, 766/1 etc at North Ariyanayakipuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu by M/s Seshasayee Paper and Boards Limited - Environmental Clearance Amendment (SIA/TN/IND/250423/2022 Dated 07.01.2022)**

The proposal was placed in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

  
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1. The Proponent, M/S. Seshasayee Paper and Boards Limited has applied for Amendment in Environmental Clearance for the project proposal of Expansion of Existing Paper Mill by Modernization & Upgradation Methods to enhance the paper production from 72000 TPA to 110000 TPA along with establishment of 18 MW Captive Coal based Thermal Power Plant at S.F.No 760, 762, 763, 764/1, 765/1, 765/2, 765/4, 766/1 at North Ariyanayakipuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(i) "Pulp & Paper industry excluding manufacturing of paper from waste" & 1(d) Thermal Power Plants of the Schedule to the EIA Notification, 2006.
3. The PP had applied for **Environmental Clearance** dated: 31.08.2015
4. EC obtained vide SEIAA-TN/F.No.1941/TVLI/5(i)&1(d)/EC-12/2013 dated 01.04.2015 for the project proposal of Expansion of Existing Paper Mill by Modernisation & Upgradation Methods to enhance the paper production from 72000 TPA to 110000 TPA along with establishment of 18 MW Captive Coal based Thermal Power Plant at North Ariyanayakipuram village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.
5. The earlier EC Amendment issued vide Letter No.SEIAA-TN/F.1941/TNV/5(i)&1(d)/EC-12/Amend/2016 dated: 17.05.2016 such that the term 18 MW Captive Coal based Thermal Power Plant is altered to read as 6.6 MW Captive Coal based Thermal Power Plant existing and 11.4 MW Captive Coal based Thermal Power Plant proposed.
6. The earlier EC Amendment issued vide Letter No.SEIAA-TN/F.1941/TNVI/5(i)&1(d)/EC-12/Amend/2013 dated: 14.10.2020 as follows.  
**Sl.No.5& 6 of already issued EC may be read altered and read as follows.**  
"Sl.No. 5.0 It is proposed to achieve the following production from the current project proposal in the existing paper mill & new power plant.
  1. Production enhancement of writing & printing paper from 72000 TPA to 110000 TPA.
  2. Production of waste paper pulp-58000 TPA by recommissioning of de-inking plant. 21500 TPA of waste paper pulp from de-inking plant will

be used in Tirunelveli plant. 36500 TPA of waste paper pulp from de-inking plant will be sent to Erode plant.

3. 36500 TPA of waste virgin pulp will be received by Tirunelveli plant from Erode plant.

4. Power generation of 18 MW for captive use.

"Sl.No. 6.0 Main raw material for the production of paper is wood pulp which is out sourced as detailed below.

Sl. No.	Before EC Amendment		After EC Amendment	
	Source of raw material	Quantity in TPA	Source of raw material	Quantity in TPA
1	Out sourcing of Pulp from Erode Plant(EC already issued during 01.04.2015)	24000	1. Out sourcing of Pulp from Erode Plant(EC already issued during 01.04.2015)	24000
			2. Excess virgin pulp from Erode plant(amendment)	36500
			Total	60500
2.	Imported pulp (EC already issued during 01.04.2015)	12000	Imported pulp (EC already issued during 1.4.2015)	12000
3	Waste paper pulp from 77300 TPA waste paper through deinking process(EC already issued during 01.04.2015)	58000	a) De-inked pulp production	58000
			b) De-inked pulp sent to Erode plant	36500(-)
			c) De-inked pulp for captive use in Tirunelveli plant	21500

	Total quantity	94000		94000
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Now, the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/IND/250423/2022 dated: 07.01.2022 for EC Amendment with all required documents.

The project proponent has obtained ~~approval from SEIAA~~ CC, Chennai Region vide letter No. E.P/12.1/2021-22/SEIAA/47/TN Dated 03.03.2022.

"The PP has submitted that ~~Post COVID-19, availability and price of imported~~ Coal is erratic and continuous operation of the Plant is posing challenges. To combat these uncertainties, the PP wish to use Bio Mass fuel in partial/full substitute of Coal. The PP have been advised by TNPCB to approach the esteemed SEIAA for grant of such amendment.

Therefore, the PP request the esteemed State Level Environment Impact Assessment Authority (SEIAA), Tamil Nadu to amend the Environmental Clearance dated 01.04.2015 as below.

Page no. 5 of 12; point no. 2 of 40 - in the Specific Conditions: -

Existing	To read as
"100% imported coal from Indonesia shall be used as fuel for the captive power plant as reported. No other fuel including domestic coal / Indian coal shall be used in the power plant. "	"Coal and Biomass at any ratio shall be used as fuel for captive power plant"

As the esteemed SEIAA is fully aware, biomass is a green fuel and its usage is considered environment friendly (as per EIA 2006, use of Bio-fuel upto generation of 15 MW is exempted from EC). We also wish to inform that our existing as well as proposed standby Boiler are designed for using any ratio of Coal and Biomass."

  
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Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend for **Amendment of Environmental Clearance already issued vide dated 01.04.2015 as below,**

1. Page no. 5 of 12; point no. 2 of 40 - in the Specific Conditions: -

As per Earlier EC Dt . 01.04.2015	Amendment Recommended
"100% imported coal from Indonesia shall be used as fuel for the captive power plant as reported. No other fuel including domestic coal / Indian coal shall be used in the power plant. "	"Minimum 25% power generation shall be from biomass on an annual basis. Rest can be Coal, provided the Sulphur content of the coal used should not exceed 0.5 % and ash content should not exceed 10%".

2. All other conditions stipulated in Environmental clearance vide SEIAA-TN/F.No.1941/TVLI/5(i)&1(d)/ec-12/2013 dated 01.04.2015 remains unaltered.
3. The PP shall adhere the Emission Standards vide Notification No. S.O. 3305(E) dated 07.12.2015

**Agenda No: 315-06**

**(File No: 3824/2020)**

**Existing Multi Colour Granite quarry lease over an extent of 4.94.5 Ha in S.F.No. 142/1 Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by Thiru P. Mayilvaganam – Extension for Environmental Clearance (SIA/TN/MIN/180759/2020 Dated 27.10.2020)**

The proposal was placed in the 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted of the following:**

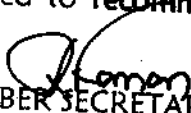
1. The Project Proponent, Thiru.P.Mayilvaganam has applied for Extension of Environmental Clearance for the existing Multi Colour Granite quarry lease over an extent of 4.94.5 Ha in S.F.No. 142/1 Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu

  
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2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The proponent Thiru.P.Mayilvaganam, has obtained Environmental Clearance vide Lr. No. SEIAA-TN/F.No.3824/EC/1(a)/2460/2015 Dated: 24.11.2015 Multi Colour Granite Quarry over an extent of 4.94.5 Ha in S.F.No. 142/1 Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu State, with validity of Environmental Clearance coterminous with the mine lease period or limited to a maximum of 5 years from the date of issue whichever is earlier.
4. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/180759/2020 dated: 27.10.2020 for the extension of validity of EC with all required documents.
5. The project proponent has obtained certified compliance report from MoEF & CC, Chennai Region vide letter No. E.P.12.1/2021-22/SEIAA/31/TN/016 Dated 04.01.2022.
6. Now, as per the Mineral Concession Rules, 1960 & Granite Conservation and Development Rules, 1999, a Scheme of Mining was submitted for a five-year period (2020-21 to 2024-25) and the Scheme of Mining was approved by the Director of Geology and Mining, Guindy, Chennai vide Rc. No. 5227/MM4/2020, dated 14.10.2020.
7. The Scheme of Quarrying was prepared and approved for quantity not exceeding the quantity in previous Mining Plan and there shall be no modification in quantity or area of the proposal.
8. Now the project proponent has submitted online application vide Proposal No. SIA/TN/MIN/180759/2020 dated: 27.10.2020 system for extension of validity of the Environmental Clearance for the remaining Lease Period.
9. As per the mining plan, the lease period is for 20 years. The production for 5 years (as per approved scheme of mining 2020-21 to 2024-25) not to exceed – ROM – 12750m<sup>3</sup> (Recovery @60% = 7650 m<sup>3</sup> & Waste@ 40% = 5100 m<sup>3</sup> Multi Colour Granite) with proposed depth of 12m(BGL). Annual Peak Production of ROM capacity: 2,550 m<sup>3</sup> ( 1<sup>st</sup> to 5 years)

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Extension of Environmental**

  
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Clearance for annual production capacity of the ROM not exceeding 2,550 m<sup>3</sup> ( 1<sup>st</sup> to 5 years) m<sup>3</sup> under the provisions of MoEF & CC OM No. J-11011/15/2012-IA. II (M), dated. 20.03.2015 and MoEF & CC Notification S.O. 1141 (E) dated. 29.04.2015 subject to the standard conditions as per the Annexure - I of this minutes and normal conditions stipulated by MOEF&CC, in addition to the following specific conditions,

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall extract the dimensional stone blocks through non-explosive techniques such that the surrounding structures are not impacted.
3. The PP shall install the surface drains (Gallery drainage) around the boundary of the proposed quarry and all visible (or) identified tension cracks should be filled up to restrict the rain water entry through the slopes during the operational stage.
4. The PP shall ensure that the Diamond Wire Saw Machine Operators/Technicians shall be adequately trained in safe operation/proper maintenance of Machine and the rope.
5. In the interest of safety, the PP of the planned quarry where the Diamond Wire Saw Machines are proposed and OEM of such machines are advised to comply with the safety provisions as given in DGMS (Tech) Circular No. 02 of 2019 so that accidents are mitigated adequately.
6. The PP shall conduct a Slope Stability study after a period of five years from the commencement of quarrying operation through any reputed scientific institution such as NIRM, IIT(ISM), NITK Surathkal-Dept of Mining Engg, Anna University Chennai – CEG Campus and any other CSIR labs, to study the efficacy of the slope stability of highwall in the proposed quarry for the safe operation.
7. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP of Lakhs as committed:

8. As accepted by the Project Proponent the revised CER cost is Rs. 10 lakhs and the amount shall be spent for the committed activities for the Government Primary School, Sithampoondi before obtaining CTO from TNPCB.

Agenda No: 315-07

(File No: 8353/2021)

Proposed Rough Stone and Gravel quarry lease area over an extent of 2.84.50 Ha at S.F No 636/1C1, 636/2B, 636/2C, 636/2D, 636/2E, 641/1, 646/1B1 646/1B2, Magaral 'B' Village, Walajabad Taluk, Kancheepuram District by Thiru.R.Sankar-For Environmental Clearance.(SIA/TN/MIN/197079/2021, dated: 13.02.2021)

The proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

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

Sl. No.	Details of the Proposal	
1	Name of the Owner/Firm	: Mr.R.Sankar S/o.Mr.S.Raman No.232,Chenjiyamman Kovil Street, Vembakkam Taluk Tiruvannamalai District-631702
2	Type of quarrying (Savudu/Rough Stone/Sand/Granite)	: Rough Stone & Gravel
3	S.F No. Of the quarry site with area break-up	: 636/1C1, 636/2B, 636/2C, 636/2D, 636/2E, 641/1, 646/1B1 & 646/1B2
4	Village in which situated	: Magaral 'B'
5	Taluk in which situated	: Walajabad
6	District in which situated	: Kancheepuram
7	Extent of quarry (in ha.)	: 2.84.50Ha (Patta land)
8	Latitude & Longitude of all corners of the quarry	: 12°43'3.82"N to 12°43'11.90"N

  
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	site		79°44'27.79"E to 79°44'34.79"E
9	Topo Sheet No.		57- P/10
10	Type of mining	:	Opencast Semi-Mechanized Mining Method
11	Period of quarrying proposed	:	5 years
12	Production (Quantity in m <sup>3</sup> )	:	153706m <sup>3</sup> of Rough stone and 33824m <sup>3</sup> of gravel
13	Depth of quarrying		15m(BGL) (2m Gravel & 13m Rough Stone)
14	Depth of water table	:	42m-40m BGL
15	Man Power requirement per day:	:	28 Employees
16	Source of Water Requirement	:	Water Vendors & Existing Bore wells
17	Water requirement: 5. Drinking & domestic purposes (in KLD) 6. Dust suppression, Green Belt & Wet Drilling (in KLD)		3.800 KLD 0.300 KLD 1.0 KLD 1.5 KLD & 1.0 KLD
18	Power requirement d. Domestic Purpose	:	TNEB
20	Precise area communication approved by the District Collector, G&M	:	Rc.No.575/Q3/2019 Dated: 11.11.2020
21	Mining Plan approved by Assistant Director (i/c), Department of Geology and Mining	:	Rc.No.575/Q3/2019 Dated: 16.12.2020

	with date	
22	Assistant Director, mines 500m cluster letter	Rc.No.575/Q3/2019 Dated: 16.12.2020
23	VAO certificate regarding 300m radius cluster	Dt:28.12.2020
24	Project Cost	Rs. 50.96 lakhs
25	EMP cost	Capital Cost- Rs.13.15 lakhs Recurring Cost/Annum- Rs.8.60 lakhs
26	CER Cost	Rs. 5 lakhs as per SEAC Minutes

Earlier, this proposal was placed before 227<sup>th</sup> SEAC meeting held on 21.8.2021 and SEAC decided to ask for the following details;

- i. The proponent shall furnish registered consent of the legal heir as per Sf.Nos
- ii. The PP shall submit revised mining plan proposed for 5 years

The project proponent has furnished the details as sought by the committee vide Lr Dt. 28.9.2021. Based on that, this subject has again been placed before 260<sup>th</sup> SEAC Meeting held on 1.4.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to certain conditions as stated therein.

Subsequently the proposal has placed in 504<sup>th</sup> SEIAA meeting held on 6.5.2022. After detailed discussion, the Authority decided that the project proponent shall furnish following additional particulars with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.

1. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the following
  - a) Soil health & bio-diversity.

  
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- b) *Climate change leading to Droughts, Floods etc.*
  - c) *Pollution leading to release of Greenhouse gases (GHG), rise in Temperature & Livelihood of the local people.*
  - d) *Possibilities of water contamination and impact on aquatic ecosystem health.*
  - e) *Agriculture, Forestry & Traditional practices.*
2. *Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data. it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.*
  3. *To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.*
  4. *Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.*
  5. *Detailed Environment Management Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.*

*Further, the Authority noted from the RTI application received from MOEF &CC, Gol, Chennai enclosing with the RTI application dated 18.04.2022 received from Shri Raghunathan seeking information on EC cancellation for stone quarry at Magaral B Village, Walajabad Taluk, Kanchipuram along with the following documents*

1. *Copy of the petition dated 16.04.2022 regarding not to sanction EC for stone quarry at S.F.No.646, 641,636 in the water submergible lake land, Margaral B village, Walajabad Taluk, Kanchipuram District to R. Sankar due to objection from PWD officials and other factors of EC clearance (File No.8553).*

2. Copy of the letter from PWD (WRD) dated 06.08.2019, 04.09.2019, 13.09.2019 , 29.01.2020 & 30.05.2012 have been received by the PP and subsequently the project proponent is requested to revise the error as mentioned in the 2<sup>nd</sup> point of the SEAC recommendation.

It was noted that the aforesaid petition was received after the SEAC appraisal on 01.04.2022. SEIAA decided to refer back the proposal to SEAC for necessary action to consider as stated above.

This proposal has again been placed before 286<sup>th</sup> SEAC meeting held on 17.6.2022. The PP stated that PP is not aware of the details of objections received by SEIAA. SEAC therefore furnished the details to the PP and directed PP to submit his detailed reply and decided to defer the proposal.

Now, the proposal was placed for reappraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The PP has furnished a detailed reply covering the points raised by SEIAA and PP had submitted an affidavit stating the lake bund will not be used by the PP for any mining related activity in view of the availability of shorter alternate road. The Committee carefully examined the points raised by SEIAA and the replies given by the PP and decided to reiterate its recommendation already made in 260<sup>th</sup> meeting of SEAC held on 01.04.2022. All other conditions stipulated in the earlier minutes recommended in the 260<sup>th</sup> meeting of SEAC will remain unaltered.

**Agenda No: 315-08**

(File No: 8402/2021)

**Proposed Grey Granite Quarry over an extent of 1.94.5 Ha in SF.No. 78/1A & 79/1B, Kadappasandampatti Village, Pochampalli Taluk, Krishnagiri District by Thiru.N.Syed Ajmal- For Environmental Clearance . (SIA/TN/MIN/201052/2021 Dt. 3.2.2021)**

The proposal was placed in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

**The SEAC noted the following:**

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

Details of the Proposal		
1.	Name of the Owner / Firm	Thiru.N.Syed Ajmal

  
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		S/o.Syed Noorullah Hussainy HIG-43A,Phase-II TNHB,Kattiganapalli Krishnagiri Taluk Krishnagiri District-635001
2.	Type of quarrying (savudu / Rough stone / Sand / Granite)	Grey Granite Quarry
3.	S.F No. of the quarry site with area break-up	78/1A & 79/1B
4.	Village in which situated	Kadappasandampatti
5.	Taluk in which situated	Pochampalli
6.	District in which situated	Krishnagiri
7.	Extent of Quarry (in ha.)	1.94.5 Ha
8.	Mining Plan (Production) Period	Five years
9.	Lease period of the Quarry	20 years
10.	Type of Mining	Opencast Mechanized Mining
11.	Total Production (Quantity in m <sup>3</sup> )	ROM quantity of 28278 m <sup>3</sup> possessing the recoverable Grey granite quantity of 9898 m <sup>3</sup> @35% & Granite waste of 18380 m <sup>3</sup> ; Top soil of 10642 m <sup>3</sup> and Weathered Rock of 10020 m <sup>3</sup> .
12.	Annual Peak Total Excavation Quantity	The Annual peak ROM & recoverable quantity of Grey Granite is 6500 m <sup>3</sup> & 2275 m <sup>3</sup> respectively with maintaining an ultimate depth of 25m BGL.
13.	Latitude & Longitude of all corners of the quarry site	12°23'53.32"N to 12°24'00.06"N 78°21'11.19"E to 78°21'15.69"E
14.	Topo sheet No.	57 - L/07
15.	Man power requirement per day:	40 Employees
16.	Precise Area Communication approved by the Additional Chief Secretary to Govt. District with date	Govt. letter .no 10146 /MME.2/2020-1,dated:04.01.2021
17.	Mining plan approved by the Commissioner of Geology and Mining with date	Rc.No. 4449/MM4/2020 , dated: 09.02.2021
18.	500mts letter approved by the Assistant Director, Additional charge, Dept of Geology and Mining , Collectoraee with date	Rc.No. 647//2019/mines, dated: 17.02.2021
19.	Water requirement:	4.8 KLD

	1. Drinking & domestic purposed (in KLD)	1.0 KLD
	2. Dust Suppression & Green Belt (in KLD)	2.0KLD 1.8 KLD
20.	Power requirement: a. Domestic purpose b. Machinery works	TNEB 45,248 liters of HSD for mining plan period
21.	Depth of Mining	25m BGL (1 m Top soil + 1 m Weathered Rock + 23 m Grey Granite)
22.	Depth of Water table	64 m in summer & 59 m in Rainy season
23.	Project cost (including EMP cost)	Rs.230.09 Lakhs
24.	EMP cost	Capital cost- Rs.13.60 lakhs Recurring cost/annum- Rs.15.74 lakhs
25.	CER cost	Rs. 5.5 lakhs
26.	VAO Letter	furnished

Earlier, this proposal was placed in the 253<sup>rd</sup> SEAC Meeting held on 11.3.2022. Based on the presentation made by the proponent and the documents furnished, SEAC decided to call for the following details from the project proponent, as houses/habitation are located very near to the site as seen from the Google map.

1. The proponent shall furnish drone video graph indicating the present status of the quarrying site.
2. Details of impact on houses/habitation in the vicinity & village roads by quarrying operation and transporting the quarried material.

The project proponent has furnished the Drone Video graph and the detailed report about Impact on house/habitation in the vicinity and village roads by quarrying operation and transporting the quarried material vide letter dated: 23.05.2022 in addition to the following.

- The production targets are conservative and follow the statutory rules and regulations issued by the Govt to quarry the Grey Coloured Granite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.

  
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- The waste rock (or) overburden/side burden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be used for constructing the safety berms, bunds for developing the green belt during the life of 20 years and the remaining waste at the end of life will be used for backfilling purposes into the mined-out area of the quarry during the final closure plan.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as stipulated by the SEAC, as a part of progressive mine closure plan & rehabilitation plan approved by the competent authority under the provisions of the Granite Conservation & Development Rules, 1999.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to the total excavation quantity which includes the RoM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- In some period, the situation arises where the recovery falls down to even very low value as 2 to 3% of RoM which neither provides an economically viable operation in the interest of revenue generation for company as well as the State Government and also it is not conducive to protect the environment in a sustainable manner.
- Mining recoverable reserves may vary subject to the quality of Granite mining methodology and the existing Geological features such as structural, textural formations and very significantly, the current market demand for the Granite being mined.
- Further, it is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.
- The total of quantity of granite waste produced during the life of the quarry period will be utilised / dumped as per the conditions stipulated in the

approved Mining Plan. Here, in case of utilization of granite waste for further beneficial purposes as per market trend (or) the Govt directions, the company shall get a revised / modified Mining Plan along with Mine Closure Plan from the competent authority.

- The PP have informed that any one of the following five scenarios that will be focused on the reclamation planning of the proposed quarry, which are:
  - To use mined land as agricultural purpose as the stored water will be utilised for cultivation;
  - To reshape the quarry and design an residential area;
  - To use the area as a place for educational purposes;
  - To revegetate the mined land with appropriate species for foresting and
  - Using the area as a promenade site/eco park for tourists.

These criteria have been determined according to mine site properties studied earlier through EIA/EMP such as micro and macro climate conditions, hydrology and hydrogeology, chemical and physical properties of soil, geological and geotechnical parameters and etc.

- The PP had indicated that the final mine closure plan includes the action plan for protection of the quarry once it is completed its life (or) abandoned by installing necessary safety provisions such as fencing, etc.

The PP have informed that the granite waste blocks produced from the quarry (non-saleable granite) will be transported taking adequate environmental mitigation measures similar to the recovered Granite blocks as stipulated in EMP, in case of processing plant is situated outside the leasehold area.

Hence, the proposal was placed for appraisal in the 298<sup>th</sup> meeting of SEAC held on 22.07.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance**, subject to the standard conditions & normal conditions stipulated by MOEF&CC, in addition to the specific conditions. Subsequently, it was placed in 543<sup>rd</sup> SEIAA meeting held on 23.08.2022 and after detailed discussion, the Authority decided to refer back the proposal to SEAC, for the following reason.

1. The PP shall furnish the details of the trees species and also impacts on the trees located in the proposed mining area.

  
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2. The PP shall obtain revised EMP budget including the trees transplantation.
3. The PP shall furnish the reply for not uploading the kml file in the parivesh portal.

Now, the proposal was placed for reappraised in this 315<sup>th</sup> SEAC meeting held on 29.09.2022. The project proponent gave a presentation furnishing replies to the points raised by SEIAA. The committee carefully examined the points raised by SEIAA and the replies given by the PP and ~~decided to reiterate~~ its recommendation already made in 298<sup>th</sup> SEAC Meeting held on 22.07.2022. All other conditions stipulated in the earlier minutes will remain unaltered.

**Agenda No: 315-09**  
**(File No: 8018/2020)**

**Proposed Rough Stone & Gravel quarry lease area over an extent of 2.09.0Ha at S.F.Nos. 248/2 & 249/1B, Naganur Village, Kulithalai Taluk, Karur District, Tamil Nadu by Thiru.N.Premnath - For Environmental Clearance.(SIA/TN/MIN/182664/2020, dated: 09.11.2020).**

The proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).


The SEAC noted the following:

1. The project proponent, Thiru.N.Premnath has applied seeking Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 2.09.0Ha at S.F.Nos. 248/2 & 249/1B, Naganur Village, Kulithalai Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Earlier, this proposal was placed in the 222<sup>nd</sup> meeting of SEAC held on 27.07.2021 and SEAC has furnished its recommendations to the Authority for Granting Environmental Clearance to the project subject to the conditions stated therein.

Subsequently the subject was placed in the 461<sup>st</sup> meeting of SEIAA-TN held on 15.09.2021. The Authority decided to request the Member Secretary, SEIAA to send the online application to project proponent to furnish the revised Form1 and resubmit online with details requested by SEAC. The proponent shall also to be requested to furnish undertaking affidavit to drop proposed mining activity in S.F.No.249/1B as committed. On receipt of the above details the proposal shall be placed in the ensuing

  
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meeting of the Authority along with copy of acknowledgement & reply if any received from the proponent.

The proponent furnished the details sought vide letter dated 28.06.2022 and the subject was placed in the 540<sup>th</sup> meeting of SEIAA TN held on 18.08.2022. After detailed discussions the Authority decided to refer back the proposal to SEAC TN to obtain the committee's recommendations on the additional particulars furnished by the proponent.

Hence the proposal was placed in this 315<sup>th</sup> meeting of SEAC held on 29.09.2021. The project proponent was absent for the meeting. SEAC decided to defer the subject to a later date directing the project proponent to furnish the reason for not attending the meeting.

**Agenda No: 315-10**

**(File No: 6717/2021)**

**Proposed Lime Kankar quarry lease over an extent of 23.29.0 Ha at S.F.No. 109/1, 2A, 2B, 3A, 3B & 4, 110/1A, 1B, 2A, 2B & 3, 111/1, 2A, 2B, 3, 4, 5A & 5B, 113/1, 2, 4, 5 & 6, 114/2, 3, 4, 5, 6, 7 & 8, 115/2 and 119/1A, 1B & 1C of Maravarperungudi Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by M/s.The Ramco Cements Limited - For Environmental Clearance. (SIA/TN/MIN/ 62835/2019 dated 27.04.2021)**

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Project Proponent, M/s. The Ramco Cements Limited has applied for Environmental Clearance for the proposed Lime Kankar quarry lease over an extent of 23.290 Ha at S.F.No. 109/1, 2A, 2B, 3A, 3B & 4, 110/1A, 1B, 2A, 2B & 3, 111/1, 2A, 2B, 3, 4, 5A & 5B, 113/1, 2, 4, 5 & 6, 114/2, 3, 4, 5, 6, 7 & 8, 115/2 and 119/1A, 1B & 1C of Maravarperungudi Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is for 5 years, the total quantity of recoverable should not exceed 5,29,375 tonnes of Lime Kankar on RoM basis with an ultimate depth of mining is 3m below ground level. The Annual peak production as per mining plan is 2,54,375 tonnes of Lime Kankar on RoM basis.

  
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4. ToR Issued - Lr. No. SEIAA-TN/F.No.6717/SEAC/ToR 670/2019 dated 19.11.2019
5. Public hearing Conducted Dated 15.12.2020.

Earlier this proposal was placed in 292<sup>nd</sup> SEAC meeting held on 07.07.2022. After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the total Production for the period of five years ~~states~~ that total quantity should not exceed 5,29,375 tonnes of Lime Kankar on RoM basis with an ultimate depth of 3m below ground level with an Annual peak production as per mining plan is 2,54,375 tonnes of Lime Kankar on RoM basis.

Subsequently, the proposal was placed in 537<sup>th</sup> SEIAA meeting held on 29.07.2022. The authority, after detailed deliberations noted that

- i. A mismatch was observed between the mining depth specified in mine plan approval letter signed by AD/DD mines Lr.No.7011/MM10/2016/LK/Vnr Dated: 10.05.2018 and in the mining plan submitted by PP.
- ii. PP is requested to provide proper functioning KML file in the online application.
- iii. EMP for land restoration shall be discussed in detail.
- iv. Sources of landfilling to be used during mine closure shall be discussed.

On the receipt of the reply for the above raised query by SEIAA, the proposal was again placed for appraisal in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. The PP has furnished a detailed reply covering the points raised by SEIAA. Based on the presentation and documents furnished by the project proponent, SEAC decided to reiterate its recommendation already made in 292<sup>nd</sup> Meeting of SEAC held on 07.07.2022. All other conditions stipulated in the earlier minutes recommended in the 285<sup>th</sup> meeting of SEAC will remain unaltered.

Agenda No: 315-11

(File No: 5254/2021)

Extension of validity of existing Rough Stone Quarry lease over an extent of 1.00.0 Ha in S.F.Nos. 94/1 (P) of Koothalavadi Village, Thiruvannamalai Taluk, Thiruvannamalai District,

  
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**Tamil Nadu by Thiru. R. Sekar – Extension of validity of Environmental Clearance - Regarding. (SIA/TN/MIN/231192/2022, dated: 24.09.2021)**

The proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

SEAC noted the following:

1. The Project Proponent, Thiru. R. Sekar, has applied for extension of validity of Environmental Clearance for the proposed Rough Stone Quarry lease over an extent of 1.00.0 Ha in S.F.Nos. 94/1 (P) of Koothalavadi Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier EC was issued vide Lr. No. SEIAA-TN/F.No.5254/1(a)/ EC No: 3656/2016 dated: 24.08.2016.

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

1. During the presentation EIA Coordinator stated that Sorakulathur Reserve Forest is located near the existing lease mine area.
2. Further, it was ascertained that the lease has expired.

Hence, the proponent is requested to submit (1) DFO letter stating the details of RFs and Pas around the proposed site and (2) lease extension obtained from District Collector.

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

**Agenda No: 315-12**

**(File No: 5870/2022)**

**Extension of validity of existing Multi coloured Granite Quarry lease over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by M/s. M.M. Exports – Extension of validity of Environmental Clearance - Regarding. (SIA/TN/MIN/251491/2022, dated: 13.01.2022)**

The proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

  
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SEAC noted the following:

1. The Project Proponent, M/s. M.M. Exports, has applied for extension of validity of Environmental Clearance for the proposed Rough Stone Quarry lease over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier EC was issued vide Lr. No. SEIAA-TN/F.No.5870/1(a)/ ECNo:3894/2016 dated: 18.11.2016.
4. The PP has applied for Extension of the validity of the EC in Form 6 through Parivesh Portal as the subsisting Environment Clearance is held for their mining project under EIA Notification 2006 by the Project Proponent under the provisions of MoEF & CC OM No. J-11011/15/2012-IA. II (M), dated. 20.03.2015 and MoEF & CC Notification S.O. 1141 (E) dated. 29.04.2015
5. The letter from Director, Directorate of Geology and mining, Guindy vide RC.No.5254/MM4/2021 Dated: 20.12.2021 states that the quantity approved by SEIAA is 10,260 cbm for the first five years period upto 04.01.2022; and the lessee has transported 4512.947 cbm from the lease hold area.
6. Further, the proponent had submitted scheme of mining for the year 2022-2023 to 2026-2027 for the proposed production of 10,248 m<sup>3</sup> @ 60% recovery for a maximum depth of 33m.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the total Production for the period of five years states that production quantity should not exceed 10,248m<sup>3</sup> of Multi coloured Granite & annual peak production capacity of 3,420 m<sup>3</sup> (1<sup>st</sup> to 4<sup>th</sup> years) with an ultimate depth of 33m below ground level, subject to the standard conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 15 lakhs and the

amount shall be spent for benefit of Government Primary School, Nadanthai before obtaining CTO from TNPCB.

3. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
6. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e., quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
7. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to

prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.

8. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (ii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

  
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14. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
20. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and



Tamil Nadu Minor Mineral Concession Rules 1959 are compiled by carrying out the quarrying operations in a skilful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.

23. 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 informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation. If the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
28. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

Agenda No: 315-13


(File No: 8418/2021)

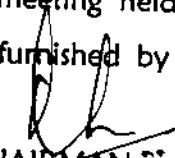
Proposed gravel quarry lease area over an extent of 1.68.00Ha at S.F. No 191/1C,191/2,191/4&191/5 Keeranur Village, Melur Taluk, Madurai District by Thiru V. Balachandar - For Environmental Clearance. (SIA/TN/MIN/201091/2021, dated: 02.03.2021)

The proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru V. Balachandar has applied for Environmental Clearance for the gravel quarry lease area over an extent of 1.68.00Ha at S.F No 191/1C,191/2,191/4&191/5 Keeranur Village, Melur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under category "82" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for one year not to exceed 21,192m<sup>3</sup> of gravel, with proposed depth of 2m(BGL). EMP cost for 1 year – Rs.4,50,000/-
4. Earlier, this proposal was placed before 228<sup>th</sup> SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided that the project proponent shall obtain the soil test report for the entire depth of 2m from reputed Government institute/Government departments. On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.
4. Now the project proponent has furnished the soil testing results analysed by University College of Engineering, Dindigul, Anna University. Based on that, this subject was placed before 260<sup>th</sup> SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.
5. Subsequently, the proposal was placed in 260<sup>th</sup> SEAC meeting held on 01.04.2022. Based on the presentation and document furnished by the

  
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project proponent, SEAC noted that as per the report of soil analysis submitted, the percentage (%) of sand is 21.27. Considering the Judgment of the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021, the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 dated 30.07.2021, has, inter alia, issued the following directions:

- *No quarry lease shall be granted in areas where the test results indicate the presence of Sand in the composition.*

SEAC therefore decided to not recommend the proposal for the grant of Environmental Clearance.

6. Subsequently, the proponent had given a representation through a letter dated 12.05.2022 to consider for re-appraisal of the above said proposal and to issue EC accordingly.

Based on the above, the proposal was placed for appraisal in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. Based on the presentation SEAC decided that the representation was addressed to Member Secretary, SEIAA-TN, has to be placed before the Authority first and then forwarded to SEAC along with the remarks of SEIAA, if necessary.

Agenda No: 315-14


(File No: 5403/2016)

Proposed Rough Stone quarry lease over an extent of 2.70.0 Ha at S.F.No. 316(Part-2) of Daravendiram Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru.K.M.Gopaliah - For Extension of Environmental Clearance. (SIA/TN/MIN/258787/2022 dated 26.02.2022)

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

The SEAC noted the following:

1. The Project Proponent, Thiru.K.M.Gopaliah has applied has applied for Extension of Environmental Clearance for the proposed Rough stone quarry lease over an extent of 2.70.0 Ha at S.F.No. 316(Part-2)of Daravendiram Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.

  
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2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP obtained Environmental clearance vide Lr. No. SEIAA-TN/F.No.5403/1(a)/ EC.No.3436/2016, dated 29.07.2016.
4. As per mining plan, the lease period is for 5 years, the total quantity of recoverable should not exceed 3,17,129m<sup>3</sup> of Rough Stone with an ultimate depth of mining is 42m.
5. The Proponent was awarded Rough stone quarry in Tender cum auction on 29.02.2016.
6. Mining plan prepared and got approved by The Deputy Director, Department of Geology and Mining vide Roc.No 109/2016/Mines-2 Dated 25.04.2016.
7. The Proponent obtained Environmental Clearance from the SEIAA, Tamil Nadu vide Lr. No SEIAA-TN/F.No-5406/1(A)/Ec.No. 3436/2016 Dated 29.07.2016 for the quantity of 3,17,129m<sup>3</sup> of Rough stone upto the depth of 42m and subject to Specific Condition that

*"The Environmental Clearance is subject to obtaining prior Clearance from Forestry and wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable before issue of permit/Consent to establish by the Competent authority/ before stating any activity at the site"*

8. The Lease deed was Executed only on 25.01.2019 due to delay in getting NBWL Clearance.
9. Lessee commenced mining operation on April 2019 onwards and total quantity Exploited is 1,77,600 as per Deputy Director, Department of Geology and Mining Letter Dated 22.02.2022.
10. The PP has now applied to extend EC for the remaining lease period up to 21.01.2024 and to mine out the remaining quantity 1,39,529m<sup>3</sup>.

Based on the presentation made by the proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance Extension for the remaining

  
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production of 1,39,529m<sup>3</sup> of Rough stone by maintaining a ultimate depth of 42m below ground level for a period upto 21.01.2024.

All other conditions stipulated in Environmental clearance vide Lr. No. SEIAA-TN/F.No.5403/1(a)/ EC.No.3436/2016, dated 29.07.2016 remains unaltered.

**Agenda No: 315-15**

**(File No: 5823/2016)**

**Proposed Multi- Coloured Granite quarry lease over an extent of 2.73.0 Ha at S.F.No. 492/2 of Nadanthai Village in Paramathivelur Taluk, Namakkal District, Tamil Nadu by M/s. M.M.Exports- for Extension of Environmental Clearance. (SIA/TN/MIN/ 251487/2022 dated 13.01.2022)**

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Project Proponent, M/s.M.M.Exports has applied has applied for **Extension of Environmental Clearance** for the proposed Multi- Coloured Granite quarry lease over an extent of 2.73.0 Ha at S.F.No. 492/2 of Nadanthai Village in Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. M/s. M.M. Exports have obtained Environmental Clearance issued vide Lr. No. SEIAA-TN/F.No.5823/1(a)/EC.No:3856/2016 Dated: 18.11.2016.
4. As per mining plan, the lease period is for 5 years, the total quantity of recoverable should not exceed 9180m<sup>3</sup> Multi Colour Granite with an ultimate depth of mining is 13m (2m topsoil + 1m weathered rock + 10m Multi-coloured Granite).
5. Lease Deed Executed on 05.01.2017 and the lease period is valid up to 04.01.2037 vide G.O(3D)No.70 Industries Department (MMB.2) Dated 30.11.2016 03 20.10.2016.
6. Mining Plan was approved by Director of Geology and Mining Guindy, Chennai (2022 – 2023 to 2026 - 2027) Rc No. 5253/MM4/2021 dated 20.12.2021.

7. The PP now applied for extension of validity of the Environmental Clearance for the remaining for the remaining Lease Period.

Based on the presentation made by the proponent, SEAC decided to ask the following details from the PP,

- (i) The PP have requested EC for life of mine, and hence the PP shall submit all details for life of mine.
- (ii) The PP shall complete fencing and green belt as committed.
- (iii) The PP shall complete the CSR activities as stipulated in the EC obtained vide

Lr. No. SEIAA-TN/F.No.5823/1(a)/EC.No:3856/2016 Dated: 18.11.2016.

**Agenda No: 315-16**

**(File No: 7370/2016)**

Existing Distillery Unit with the capacity of 60 KLPD at S.F.No. 379/2, 380/2B, 382/2, 384, 455/3, 455/4, Udumbiyum Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu by M/s. Dhanalakshmi Srinivasan Sugars Private Limited (Distillery Unit) - For Amendment of Environmental Clearance.(SIA/TN/IND2/42942/2008 dated 16.09.2019)

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Project Proponent, M/s. Dhanalakshmi Srinivasan Sugars Private Limited (Distillery Unit) has applied has applied for Amendment of Environmental Clearance for the Existing Distillery Unit with the capacity of 60 KLPD at S.F.No. 379/2, 380/2B, 382/2, 384, 455/3, 455/4 Udumbiyum Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5 (g) Distilleries of the Schedule to the EIA Notification, 2006.
3. The PP has obtained Environmental Clearance vide F.No. J-11011/1316/2007-IA II (I) dated 10.12.2008 for having capacity of 60 KLPD, Rectified Spirit - 10 KLPD, Extra Neutral Alcohol (ENA)/ Anhydrous Alcohol-40 KLPD and Ethanol-10 KLPD.
4. Now the PP has applied for amendment for change in the production capacity as Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol

  
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(ENA) - 60 KLPD (or) Ethanol-60 KLPD, without increasing the consented quantity.

No.	Resolution	Details																				
1.	Name of the Project	M/S. Dhanalakshmi Srinivasan Sugar Private Limited (Distillery Unit)																				
2.	Location	S.F. Nos. 379/2, 380/2, 382/2, 384, 455/3, 455/4 Udumbiyum Village, Veppanthattai Taluk Perambalur District																				
3.	Type of Project	Schedule 5 (g) Distilleries																				
4.	New Project/ Expansion New	Amendment in Environmental Clearance.																				
5.	Total land Area (Ha) – 10.19 Hectares Land use classification- Unclassified area <table border="1"> <thead> <tr> <th rowspan="2">Description</th><th colspan="2">Area</th></tr> <tr> <th>Existing</th><th>After Amendment</th></tr> </thead> <tbody> <tr> <td>Built-up Area</td><td>7.29 Hectare</td><td>7.29 Hectare</td></tr> <tr> <td>Solid Waste Storage</td><td>0.1 Hectare</td><td>0.1 Hectare</td></tr> <tr> <td>Greenbelt area</td><td>2.5 Hectare</td><td>2.5 Hectare</td></tr> <tr> <td>Vacant Area</td><td>0.3 Hectare</td><td>0.3 Hectare</td></tr> <tr> <td>Total Area</td><td>10.19 Hectare</td><td>10.19 Hectare</td></tr> </tbody> </table>		Description	Area		Existing	After Amendment	Built-up Area	7.29 Hectare	7.29 Hectare	Solid Waste Storage	0.1 Hectare	0.1 Hectare	Greenbelt area	2.5 Hectare	2.5 Hectare	Vacant Area	0.3 Hectare	0.3 Hectare	Total Area	10.19 Hectare	10.19 Hectare
Description	Area																					
	Existing	After Amendment																				
Built-up Area	7.29 Hectare	7.29 Hectare																				
Solid Waste Storage	0.1 Hectare	0.1 Hectare																				
Greenbelt area	2.5 Hectare	2.5 Hectare																				
Vacant Area	0.3 Hectare	0.3 Hectare																				
Total Area	10.19 Hectare	10.19 Hectare																				
6.	Cost of Project	Existing-Rs.82.26 Crores After expansion- Rs. 82.26 Crores (There will not be any addition)																				
7.	Brief description of the project	60 KLPD (Rectified Spirit (RS) / Extra Neutral Alcohol (ENA) / Anhydrous Alcohol / Ethanol)																				
8.	Raw Materials	Cane Molasses – 225 T/Day Nutrients – 97 Kgs/Day Antifoam Oil – 115 Kg/Day Sulphuric Acid – 110 Kgs/Day.																				

## 9. Water requirement

Description	Existing (KLD)	After Amendment (KLD)
Cooling water makeup	380.0	380.0
Molasses dilution	360.0	360.0
Domestic Purpose	4.0	4.0
Boiler – Steam	40.0	40.0
Greenbelt	10.0	10.0
	794.0	794.0
By Water recycling from Spent lees, steam condensate and evaporator condensate	204.0	204.0
Raw water requirement for distillery	590.0	590.0

## 10. Details of Effluent /Sewage Treatment

S. No.	Category	Discharge in KLD		Method of treatment
		Current	After Amendment	
1	Concentrated Spent Wash	180	180	Burning in Boiler as Fuel
2	Evaporate Vapour Condensate	450	450	ETP recycling condensate from Evaporator
3	Sewage	3.2	3.2	Septic tank size (3.0 x 2.0 x 2.0 m) with Dispersion trench size (3.4 x 3.4 x 1.2 m)

## 11. Air Pollution Control Measures

Stack No.	Sources of Emission	Details of APC measures
1	Fermenter	CO <sub>2</sub> scrubber followed by CO <sub>2</sub> capturing Plant.
2	Boiler – 17 T/Hr	Bag Filters with stack of 55m has been provided.



12.	Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste				
	S.No	Solid Wastes	Quantity (T/D)		Method of Disposal
			Existing	After Amendme nt	
	1	Settled yeast sludge	3.0	3.0	Used as manure
	2	Boiler Ash	18.0	18.0	Used as manure
13.	EMP		Capital Cost – 103.5 Lakh Recurring Cost – 9.0 Lakh		
14.	CER activities		10 Lakhs		

Based on the presentation and documents furnished by the project proponent. SEAC decided to recommend for Amendment of Environmental Clearance for change in the production capacity as Rectified Spirit - 60 KLPD (or) Extra Neutral Alcohol/Anhydrous Alcohol (ENA) - 60 KLPD (or) Ethanol-60 KLPD.

1. As accepted by the Project Proponent the CER cost is Rs. 10 lakhs and the amount shall be spent on the committed activities for two Tribal School before obtaining CTO from TNPCB.
2. All other conditions stipulated in Environmental clearance vide F.No. J-11011/1316/2007-IA II (I) dated 10.12.2008 remains unaltered.

**Agenda No: 315-17**

**(File No: 7755/2022)**

Proposed rough stone quarry lease area over an extent of 1.36.0 Ha at S.F. No. 1/4 (Part-40), Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. S. R. M. Blue Metals - For Environmental Clearance.(SIA/TN/MIN/55763/2020 Dt.09.02.2022)

Earlier, this proposal was placed for appraisal in 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

  
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The SEAC noted the following:

1. The project proponent, M/s. S. R. M. Blue Metals has applied for the Environmental Clearance for proposed rough stone lease area over an extent of 1.36.0 Ha at S.F. No. 1/4 (Part-40) Anandalal Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 11,84, 940 m<sup>3</sup> of Rough stone and 13,600 m<sup>3</sup> of Top Soil. The Annual peak production as per mining plan is 272000 m<sup>3</sup> of Rough stone (2nd & 3rd year) & 13600 m<sup>3</sup> of Top Soil (1 year) with ultimate depth of 126m (109m AGL + 17m BGL).
4. TOR Issued - Lr No - SEIAA-TN/F.No.7755/SEAC/ToR-1003/2021 Dated: 28.07.2021.
5. Public hearing Conducted Dated 21.10.2021.


Based on the presentation and documents furnished by the project proponent. SEAC decided to call for the following details from the project proponent:

1. The project proponent shall furnish a letter from DFO Indicating the exact distance of the Bagaveli RF from the project site.

Now the proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022.

The PP has obtained letter from DFO, Vellore stating, the proposed area is situated at 1.050kms away from the nearby Bagaveli Reserve Forest of Arcot Range.

Sl. No	Details of the Proposal	
1.	Name of the Owner / Firm	M/s.SRM Blue Metals No.300/4A, MBT Road Ammananthangal Walajahpet Taluk Vellore District - 632 513
2.	Type of quarrying (savudu / Rough stone / Sand / Granite)	Rough stone Quarry
3.	S.F No. of the quarry site with	S.F No. 1/4 (Part-40)

  
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	area break-up																						
4.	Village in which situated	Anandalai Village																					
5.	Taluk in which situated	Walajah Taluk																					
6.	District in which situated	Vellore District																					
7.	Extent of Quarry (in ha.)	1.36.0ha																					
8.	Period of Quarrying proposed	5 years																					
9.	Type of Mining	Opencast Mechanized Mining Method																					
10.	Production (Quantity in m <sup>3</sup> )	As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -11,84,940 m <sup>3</sup> of Rough stone and 13600 m <sup>3</sup> of Top Soil. The Annual peak production as per mining plan is 272000 m <sup>3</sup> of Rough stone (2nd & 3rd year) & 13600 m <sup>3</sup> of Top Soil (1 year) with ultimate depth of 126m (109m AGL + 17m BGL).																					
11.	Latitude & Longitude of all corners of the quarry site	<table> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>1</td><td>12°55'56.31"N</td><td>79°23'36.65"E</td></tr> <tr> <td>2</td><td>12°55'59.57"N</td><td>79°23'36.63"E</td></tr> <tr> <td>3</td><td>12°55'59.59"N</td><td>79°23'39.95"E</td></tr> <tr> <td>4</td><td>12°55'58.29"N</td><td>79°23'39.96"E</td></tr> <tr> <td>5</td><td>12°55'58.30"N</td><td>79°23'41.95"E</td></tr> <tr> <td>6</td><td>12°55'56.35"N</td><td>79°23'41.96"E</td></tr> </table>	Pillar No.	Latitude	Longitude	1	12°55'56.31"N	79°23'36.65"E	2	12°55'59.57"N	79°23'36.63"E	3	12°55'59.59"N	79°23'39.95"E	4	12°55'58.29"N	79°23'39.96"E	5	12°55'58.30"N	79°23'41.95"E	6	12°55'56.35"N	79°23'41.96"E
Pillar No.	Latitude	Longitude																					
1	12°55'56.31"N	79°23'36.65"E																					
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3	12°55'59.59"N	79°23'39.95"E																					
4	12°55'58.29"N	79°23'39.96"E																					
5	12°55'58.30"N	79°23'41.95"E																					
6	12°55'56.35"N	79°23'41.96"E																					
12.	Topo sheet No.	57- P/05																					
13.	Man power requirement per day:	41 Nos																					
14.	Precise Area Communication approved by the District Collector	Rc.No. 336/2019(Mines), Dated: 26.11.2019.																					
15.	Mining plan approved by the Assistant Director of Geology and Mining with date	Rc.No. 336/2019 (Mines), Dated: 27.05.2020.																					
16.	500mts letter approved by the Assistant Director(i/c), Department of Geology and Mining with date	Rc.No. 336/2019 (Mines), Dated: 27.05.2020.																					
17.	Water requirement: 1. Drinking & domestic purposed (in KLD) 2. Dust Suppression 3. Green Belt (in KLD)	3.3KLD 0.8KLD 1.5KLD 1.0KLD																					
18.	Power requirement: a. Domestic purpose	No electricity is required for quarry operation; the quarry																					

	b. Machinery works	working is restricted on day time only (between 8.30Am to 5.30Pm).
19.	Depth of Mining	126m (109m agl + 17m bgl)
20.	Depth of Water table	Water Level in the Bore well - 58m to 69m (reference 10 open wells)
21.	Whether any habitation within 300m distance	There is no habitation within radius of 300m
22.	Project cost	Rs. 2,76,83,000/-
23.	EMP cost	Capital Cost – Rs. 10,95,000/- Recurring Cost – Rs. 24,70,800/-
24.	CER cost	Rs. 6,00,000/-
25.	VAO letter dated	22.06.2020.
26.	TOR Issued	Lr No - SEIAA-TN/F.No.7755/SEAC/ToR-1003/2021 Dated: 28.07.2021.
27.	Public hearing Conducted	Dated 21.10.2021.

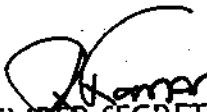
Based on the presentation made by the proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the total production of 11,84,940 m<sup>3</sup> of Rough stone by maintaining a ultimate depth of 126m (109m AGL + 17m BGL) for a period of first five years and the annual peak production of 272000 m<sup>3</sup> of Rough stone, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
2. Mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
3. The PP shall inform the notice of opening of the quarry to the Director of Mines Safety/Chennai Region before obtaining the CTO.

  
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4. Since the quarry is located in the cluster, the Project Proponent shall ensure strict compliance of the provisions given under the Mines Rules, 1955 for the health and welfare of the persons employed therein.
5. The PP shall furnish slope stability action plan to the concerned AD (Mines) for the systematic working by maintaining proper benches incorporating the haul road with proper gradient as the depth of the proposed quarry is exceeding 30 m, before obtaining CTO from TNPCB.
6. The PP shall carry out the scientific studies to assess the slope stability of the benches and quarry wall when the depth of the quarry touched 40 m below ground level (or) during the 4th year whichever is earlier, by involving a reputed Research and Academic Institution such as NIRM, IIT-Chennai, NITK Surathkal – Dept of Mining Engg, Anna University Chennai-CEG Campus, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
7. The PP shall use the jack hammer drill machine fitted with the dust extractor for the drilling operations such that the fugitive dust is controlled effectively at the source.
8. The PP shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him as per the provisions of MMR 1961.
9. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 to 60 number of holes per round with maintaining maximum charge per delay in such a manner that the blast-induced ground vibration level (Peak Particle Velocity) measured in the houses/structures located at a distance of 500 m shall not exceed 2.0 mm/s and no fly rock shall travel beyond 20 m from the site of blasting. The PP shall also ensure that the blasting operation shall be carried out once in 2 days to reduce the environmental impacts effectively. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.

  
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10. Further, the PP shall carry out the scientific studies on the aforesaid controlled blasting activities within one year from the commencement of mining operations, for reducing the impact of blast-induced ground/air vibrations and fly rock, by involving a reputed Research and Academic Institution such as NIRM, IITs, Anna University Chennai-Dept of Mining Engg, NIT Surathkal-Dept of Mining Engg, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
11. The Project Proponent shall ensure that the funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to the MoEF & CC Ministry and its Integrated Regional Office (IRO) located in Chennai.
12. The Project Proponent shall send a copy of the clearance letter marked to concerned Panchayat from whom any suggestion/representation has been received while processing the proposal.
13. As accepted by the Project Proponent the CER cost is Rs. 6 lakhs and the amount shall be spent on the committed activities for Panchayat Union Primary School, Edakuppam, Anandalai panchayat before obtaining CTO from TNPCB.

**Agenda No: 315-18**

**(File No: 8140/2020)**

**Proposed Construction of IT Building in ELCO-SEZ at S.F.Nos. 439/1pt of Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s. Electronics Corporation of Tamil Nadu Limited - For Environmental Clearance. (SIA/TN/MIS/178342/2020, dated: 19.10.2020)**

Earlier, this proposal was placed for appraisal in 217<sup>th</sup> meeting of SEAC held on 06.07.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, M/s. Electronics Corporation of Tamil Nadu Limited, has applied for Environmental Clearance for the proposed Construction of IT Building in ELCO-SEZ at S.F.Nos. 439/1pt of Vilankurichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.

  
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2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The total area of site is 11,291.15sq.m.
4. The total built up area is 27,419.8 Sq.m.


Based on the presentation and documents furnished by the project proponent, the SEAC noted that, the Project Proponent has not done proper assessment of the current environmental settings of the site. The Project proponent/ NABET consultant shall study the environmental impact with respect to air quality, noise quality etc. There are many tenements, lot of traffic will be there without which it is not possible to consider the project for appraisal. The EMP is not prepared as per the norms by the NABET consultant. Hence the committee deferred the project.

Now the proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The Project proponent has made a presentation along with clarification for the above shortcomings observed by the SEAC.

The SEAC noted that, the MoEF&CC has issued office memorandum Dated 28th January, 2022 regarding observation of Hon'ble Supreme Court with reference to the SoP dated 7th July 2021 for identification and handling of violation cases under EIA Notification 2006 and stated that "93. The interim order passed by the Madras High Court appears to be misconceived. However, this Court is not hearing an appeal from that interim order. The interim stay passed by the Madras High Court can have no application to operation of the Standard Operating Procedure to projects in territories beyond the territorial jurisdiction of Madras High Court. Moreover, final decision may have been taken in accordance with the Orders/ Rules prevailing prior to 7th July, 2021."

Based on the presentation & documents furnished, since the PP has completed the project without obtaining EC and has also not applied during the window period, this has to be treated as violation case. Hence SEAC decided to issue following Terms of Reference along with submission of assessment of ecological damage, remediation plan and natural and community resource augmentation plan, as per Notification vide S.O.804(E) Dt. 14.3.2017. Terms of Reference are issued subject to final orders of the Hon'ble High Court of Madras in the matter W.P.(MD) No. 11757 of 2021.

1. The proponent shall furnish the detailed sewage treatment technology and also furnish the design details of the STP treatment system.
2. The PP shall make a special study on traffic.
3. The PP shall furnish an affidavit of stopping construction before obtaining EC.
4. The proposal to construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
5. The treated/untreated sewage water shall not be let-out from the unit premises accordingly revised water balance shall be incorporated.
6. As per G.O. Ms. No. 142 approval from Central Ground Water Authority shall be obtained for withdrawal of water and furnish the copy of the same, if applicable.
7. Commitment letter from competent authority for supply of water shall be furnished.
8. Copy of the village map, FMB sketch and "A" register shall be furnished.
9. Detailed Evacuation plan during emergency/natural disaster/untoward accidents shall be submitted.
10. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
11. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
12. Details of the E-waste management plan shall be prepared as per E-waste Management Rules, 2016 and shall be furnished.
13. Details of the Rain water harvesting system with cost estimation should be furnished.

  
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14. A detailed storm water management plan to drain out the storm water entering the premises during heavy rains period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the water bodies around the proposed project site & the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
15. The proposed OSR area should not be included in the activity area. The OSR area should not be taken in to account for the green belt area.
16. The layout plan shall be furnished for the greenbelt area earmarked with GPS co ordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15% of the total land area of the project.
17. Cumulative impacts of the Project considering with other infrastructure developments and industrial parks in the surrounding environment within 5 km & 10 km radius shall be furnished.
18. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
19. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modelling for the ground water, emission, noise and traffic.
20. The proposal for utilization of at least 25% of Solar Energy shall be included in the EIA/EMP report.
21. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 315- 19  
(File No: 8687/2021)

Proposed Rough stone quarry lease over an extent of 3.70.0Ha in S.F.Nos.87/1B2(P), Kothapetta Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s.MA Quality Stone - For Environmental Clearance (SIA/TN/MIN/66063/2021, dated 16.07.2022)

The project proposal was placed for appraisal in this 315<sup>th</sup> meeting of SEAC held on 29.9.2022. The details of the project furnished by the proponent are available in the PARIVESH web portal (parivesh.nic.in). During the meeting the EIA Co Ordinator has not ready for doing presentation, hence SEAC decided to defer the proposal and the same shall be taken up in next meeting for appraisal.

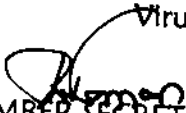
Agenda No: 315 - 20.  
(File No: 5783/2022)

Existing Rough Stone and Gravel quarry lease over an extent of 15.72.5 Ha S.F.Nos. 867/1, 867/2, 867/3, 869/1A1, 869/1A2, 869/1B, 869/1C, 869/2A, 869/2B, 870/3, 871/3A, 871/3B, 873/2, 874/1, 874/2A1, 874/2A2, 874/2B1, 874/3A1, 874/3A2, 874/2B2, 874/2B3, 874/3B, 875, 876/1, 876/2, 877/1, 877/2A, 877/2B, 878/1, 878/2, 879, 881, 887 at Sevalur Village of Sivakasi Taluk, Virudhunagar District, Tamil Nadu, by Thiru. E.Dhanapal - For amendment in Environmental Clearance Issued. (SIA/TN/MIN/268338/2022 Dt: 18.04.2022)

Earlier, this proposal for the extension of validity of EC was placed in the 296<sup>th</sup> SEAC meeting held on 16.07.2022 and 306<sup>th</sup> SEAC meeting held on 25.8.2022. Based on the presentation and document furnished by the project proponent, SEAC noted the following:

The PP had earlier obtained a fresh ToR (on 06.06.2022) for the above quarry site based on the Approved Mining Plan & Precise Area Communication issued by the Asst. Director (Geology & Mines), Virudhunagar District. SEAC, therefore, have decided to obtain the following details from the project proponent, for examining the request of PP for extension of EC.

1. The PP shall furnish a letter from the Asst. Director (Geology & Mines), Virudhunagar District stating that the Mining Plan approved earlier (dated. 22.12.2021) for obtaining the ToR is cancelled and hence it becomes null & void.
2. The PP shall produce a certified compliance report from the monitoring authority - IRO / MoEF & CC, Chennai (or) DEB / TNPCB, Virudhunagar District.

  
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3. The EIA coordinator shall explain the appropriateness of his action in pursuing, simultaneously, one application for ToR and another for extension of EC for the same survey numbers.

On the receipt of the details, it was again been placed in 315<sup>th</sup> SEAC meeting held on 29.9.2022. During the meeting the EIA Coordinator was not present, therefore SEAC decided to defer the proposal.

**Agenda No: 315-21**


**(File No: 8936/2022)**

**Proposed Rough Stone and Gravel quarry lease over an extent of 2.83.27 Ha in S.F.Nos. 148(P) & 149(2)(P) of Punnamai Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu by M/s. Madras Mines for Environmental Clearance (SIA/TN/MIN/251785/2022 Dated 19.01.2022)**

The proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent M/s. Madras Mines has applied **Environmental Clearance** for the proposed Rough Stone and Gravel quarry lease over an extent of 2.83.27 Ha in S.F.Nos. 148(P) & 149(2)(P) of Punnamai Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu
2. The proposed quarry/activity would fall under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The lease period is 10 years and the mining for the entire period of five years should not exceed 451860 cu.m. of Rough Stone, 114970 cu.m. of Weathered Rock and 47220 cu.m. of Gravel. The annual peak production 90600 cu.m. of Rough Stone (5<sup>th</sup> year), 46545 cu.m. of Weathered Rock (1<sup>st</sup> year) and 19356 cu.m. of Gravel (1<sup>st</sup> year). The ultimate depth of mining- 4750 metres below GL, the maximum depth of mining would be 47 metres below GL.
4. Earlier this proposal was placed in the 278<sup>th</sup> SEAC meeting held on 27.05.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to call for the following details from the PP.

  
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1. The PP shall furnish the revised mining plan showing the correctly aligned benches with mandatory safety distance of 7.5 m w.r.t the adjacent patta land where another quarry is operating presently and if the amalgamation of the two quarry sites is proposed by the PP, it shall be shown clearly in the Revised Mining Plan.
2. Slope Stability Action plan involving the alignment of the benches of the existing quarry and the stability measures for the benches designed in the proposed quarry.

The salient features of the project

Sl. No.	Details of the proposal	Data Furnished
1.	Name of the Owner / Firm	Tvl.Madras Mines, No.81, Punnamai Village, Seevadi Post, Laththur Union, Cheyyur Taluk, Chengalpattu District. Pin Code- 603 312.
2.	Type of quarrying (savudu / Rough stone / Sand / Granite)	Rough Stone and Gravel Quarry
3.	S.F No. of the quarry site with area break-up	S.F.Nos. 148(P) and 149/2(P)
4.	Village in which situated	Punnamai
5.	Taluk in which situated	Cheyyur
6.	District in which situated	Chengalpattu
7.	Extent of Quarry (in ha.)	2.83.27 Ha
8.	Mining Plan (Production) Period	Five years
9.	Lease period of the Quarry	10 years
10.	Type of Mining	Opencast Mechanized Mining
11.	Total Production (Quantity in m <sup>3</sup> )	4,51,860 m <sup>3</sup> of Rough Stone, 1,14,970 m <sup>3</sup> of Weathered Rock and 47,220 m <sup>3</sup> of Gravel
12.	Annual Peak Total Excavation Quantity	The Annual peak ROM & recoverable quantity of Rough stone is 90750 m <sup>3</sup> respectively with maintaining an ultimate depth of 47m BGL.
13.	Latitude & Longitude of all corners of the quarry site	12°28'41.56"N to 12°28'51.20"N 79°59'45.37"E to 79°59'53.63"E
14.	Topo sheet No.	57 P/15 & 66 D/03
15.	Man power requirement	28 Employees

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	per day:	
16.	Precise Area Communication approved by the Additional Chief Secretary to Govt. District with date	Precise area communication from the Assistant Director, Dept. of Geology & Mining, Chengalpattu vide Roc. No. 8735/Mines/2020 dated 17.08.2021
17.	Mining plan approved by the Commissioner of Geology and Mining with date	Roc. No. 8735/Mines/2020 dated 11.10.2021
18.	500mts letter approved by the Assistant Director, Additional charge, Dept of Geology and Mining, Collectorate with date	Roc. No. 8735/Mines/2020 dated 11.10.2021
19.	Water requirement: 1. Drinking & domestic purposed (in KLD) 2. Dust Suppression & Green Belt (in KLD)	2.26 KLD 1.26 KLD 1.0KLD
20.	Power requirement: a. Domestic purpose b. Machinery works	TNEB 89,669 liters of HSD for mining plan period
21.	Depth of Mining	47m BGL in section XIY1-AB and 22m BGL in Section XY-AB
22.	Depth of Water table	66 m in summer & 61 m in Rainy season
23.	Project cost (including EMP cost)	Rs. 93,33,080
24.	EMP cost	Capital and Recurring cost – Rs. 7,50,000
25.	CER cost	Rs. 5 lakhs
26.	VAO Letter	furnished

Based on the reply furnished by the PP, the proposal was again placed in the 315<sup>th</sup> SEAC meeting held on 29.09.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for quantity of 4,51,860m<sup>3</sup> of Rough Stone, 47,220 m<sup>3</sup> of Gravel & 1,14,970 m<sup>3</sup> of Weathered Rock and for an annual peak production of 90,750m<sup>3</sup> of Rough Stone (4<sup>th</sup> Year), 19,356 m<sup>3</sup> of Gravel (1<sup>st</sup> Year) and


46,545 m<sup>3</sup> of Weathered rock (1<sup>st</sup> Year) up to a depth of 47m BGL in section XIYI-AB and 22m BGL in Section XY-AB, subject to the standard conditions as per the Annexure- I of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
2. Mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
3. The PP shall inform the notice of opening of the quarry to the Director of Mines Safety/Chennai Region before obtaining the CTO.
4. Since the quarry is located in the cluster, the Project Proponent shall ensure strict compliance of the provisions given under the Mines Rules, 1955 for the health and welfare of the persons employed therein.
5. The PP shall furnish slope stability action plan to the concerned AD (Mines) for the systematic working by maintaining proper benches incorporating the haul road with proper gradient as the depth of the proposed quarry is exceeding 30 m, before obtaining CTO from TNPCB.
6. The PP shall carry out the scientific studies to assess the slope stability of the benches and quarry wall when the depth of the quarry touched 40 m below ground level (or) during the 4th year whichever is earlier, by involving a reputed Research and Academic Institution such as NIRM, IIT-Chennai, NIT Surathkal – Dept of Mining Engg, Anna University Chennai-CEG Campus, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
7. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 to 60 number of holes per round with maintaining maximum charge per delay in such a manner that the blast-induced

ground vibration level (Peak Particle Velocity) measured in the houses/structures located at a distance of 500 m shall not exceed 2.0 mm/s and no fly rock shall travel beyond 20 m from the site of blasting. The PP shall also ensure that the blasting operation shall be carried out once in 2 days to reduce the environmental impacts effectively.

8. Further, the PP shall carry out the scientific studies on the aforesaid controlled blasting activities within one year from the commencement of mining operations, for reducing the impact of blast-induced ground/air vibrations and fly rock, by involving a reputed Research and Academic Institution such as NIRM, IITs, Anna University Chennai-Dept of Mining Engg, NIT Surathkal-Dept of Mining Engg, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
9. The PP shall use the jack hammer drill machine fitted with the dust extractor for the drilling operations such that the fugitive dust is controlled effectively at the source.
10. The PP shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him as per the provisions of MMR 1961.
11. The Project Proponent shall ensure that the funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to the MoEF & CC Ministry and its Integrated Regional Office (IRO) located in Chennai.
12. The Project Proponent shall send a copy of the clearance letter marked to concerned Panchayat from whom any suggestion/representation has been received while processing the proposal.
13. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.
14. As accepted by the Project Proponent the CER cost is Rs. 5 lakhs and the amount shall be spent to the committed activities for Government Primary

School, Punnamai Village and Government School, Seevadi before obtaining CTO from TNPCB.

  
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## ANNEXURE-I

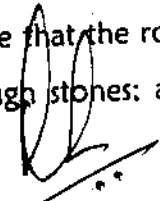
1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.

7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper escapements as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during


daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and

  
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- transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
  19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
  20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
  21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
  22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
  23. 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 informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
  24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
  25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting

  
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the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.


26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the **Appendix -II** of this minute.

  
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**Appendix -I**  
**List of Native Trees Suggested for Planting**

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	விவம்
2	<i>Adenanthera pavonina</i>	Manjadi	மஞ்சள், ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathi	அத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathi	இருவத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டும்
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon swietenia</i>	Purasameram	பூசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvadi	நருவடி
18	<i>Cretena adansonii</i>	Mavalingum	மாவிலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சீரு உவா
21	<i>Diospyro sebnum</i>	Karungali	கருங்கலி
22	<i>Diospyro chloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallitchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Astrupoovarasu	அர்ப்புழை
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயில் மரம், ஆயில்
27	<i>Lannea coromandelica</i>	Othiam	ஒதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விலா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	எச்சை
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

  
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40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	நறு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்ணங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பலாவு
47	<i>Puthranjiva roxburghii</i>	Karipala	கரிபலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்பங்கன் சோப்புகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தன் கொட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்ட்ரி
56	<i>Terminalia arjuna</i>	Ven marudhu	வெண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsuratrifoliata</i>	valsura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்பழி

## Appendix -II

### Display Board (Size 6' x5' with Blue Background and White Letters)

#### சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/—, தேதி: 11.11.19, சுற்றுச்சூழல் அனுமதி தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லைவரை சுற்றி வேலி அமைக்க வேண்டும்.
நட்பாட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	கடவுட்குரிய பகுதிகளில் ஆழம் தளமாட்டாததிருத்து மீட்டர்க்கு மிகாமல் மூதக வேண்டும். சுற்றில் மரக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும். வசனங்கள் செல்லும் பாதையில் மரக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும். இளைச்சல் அளவையும் தூசி மாகபட்டையும் முறையப்படுத்திக் குவாரியின் எல்லைவரை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்போது துலகிதீர்வுகள் ஏற்படாதவாறும் மற்றும் சுரகன் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உள்விப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இளைச்சல் அளவு 85 டிசிபெல்ஸ் (dB) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு கமாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வட்டியாக வசனங்கள் செல்லும் சாலைவரை தொடர்ந்து தங்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்தலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் தவத்தது தீர்த தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கசும் பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தக் கிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வசனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு வறங்கத்தினை மூட வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபுற ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
(முழுமையான தீபந்தனைகளை அறிய பாசிவேஷ் ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) என்கிற இணையதளத்தைப் பார்க்கவும்) வம் மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்கள்க்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் மூலக்கிளைகளைத் தொடர சுற்றுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் பகட்ட சுற்றுச்சூழல் பொறிபகளை அனுதவும்.	