

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of the Meeting of 296<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 16<sup>th</sup> July 2022 (Saturday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for appraisal of Building and Construction Projects, Townships and Area Development Projects & Mining Projects through online and offline mode.

Agenda No: 296-1

(File No: 445/2022)

Construction of Multistoried residential apartment "TVH AURORA" by M/s. True Value Homes India Private Limited at SF No. 560/2B1(PT), 564/3pt, 565/1pt, 2pt, 566/1pt, 2pt, 567/1pt, 2pt, 568pt, 569/2pt, 570/1pt, 2pt, 571pt & 574pt Uppilpalayam Village, Coimbatore South Taluk, Coimbatore District – For Amendment in Environmental Clearance issued. (SIA/TN/MIS/224247/2021 Dt.14.08.2021)

The proposal was placed for appraisal in this 296<sup>th</sup> meeting of SEAC held on 16.07.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The PP was issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No.445/EC/8(b)/748/2021 dated 16.03.2021 under violation category
2. Now, the PP has applied for amendment for the following in the existing EC issued:

S. NO.	DESCRIPTION	APPROVED IN EARLIER EC	SEEKING EC AMENDMENT	DIFFERENCE (REDUCTION)
1	Name of the project proponent and address	M/s. True Value Homes India Private Limited, "Excellence Towers", 4 <sup>th</sup> Floor, No.104, Race Course Road, Coimbatore-641018.	M/s. True Value Homes India Private Limited, "TVH - Vista Heights", Trichy Road, Singanallur, Coimbatore – 641015.	Proponent Address changed
2	Proposed Activity	Construction of Multi-storied residential	Construction of Multi-storied residential	No Change

  
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		apartment "TVH AURORA" by M/s. True Value homes Pvt Ltd	apartment "TVH AURORA" by M/s. True Value homes Pvt Ltd	
3	Schedule No.	8(b)	8(a)	Category changed due to reduction of Built-up area below 1,50,000 Sq.m.
4	Project Location			
	i) Survey No	S.F.No. 560/2B1(PT), 564/3pt, 565/1pt, 2, 566/1pt, 2, 567/1pt, 2pt, 568pt, 569/2, 570/1B, 2pt, 571/3pt & 574pt	S.F.No. 560/2B1(PT), 564/3pt, 565/1pt, 2pt, 566/1pt, 2pt, 567/1pt, 2pt, 568pt, 569/2pt, 570/1pt, 2pt, 571pt & 574pt	As part of land sold, some of the Survey Numbers become part.
	ii) Village	Uppilipalayam	Uppilipalayam	No Change
	iii) Taluk	Coimbatore South	Coimbatore South	No Change
	iv) District	Coimbatore	Coimbatore	No Change
5	Area of the Land	53,820 Sq.m	37,856 Sqm	-15,964 Sq.m.
6	Built up Area	1,90,739.5 Sq.m.	1,27,697.03 Sq.m.	-63,042.47 Sq.m.
7	Brief description of the project	The Project consists Towers (T1 to T5) - (Basement + Stilt + 15 Floors) - (44381.5 Sq.m), Towers (T6, T8, T9 to T10) - (Basement + Stilt + 15 Floors) - (36641.00 Sq.m), Towers	The Project consists Towers (T1 to T5) - (Basement + Stilt + 15 Floors) - (44381.5 Sq.m), Towers (T6, T8, T9 to T10) - (Basement + Stilt + 15 Floors) - (36641.00	8 No of Towers, T13 - T20 removed

  
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2

  
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		(T7,T11 to T20) - (Basement+Stilt+15 Floors), Commercial (Basement +Stilt+ 5 Floors) &Clubhouse (Basement + Stilt + 2 Floors) (1,09,717.00 Sq.m) comprising 1382 dwelling units with total occupancies - 6,910 Nos	Sqm), Towers (T7,T11,T12) - (Basement+Stilt+15 Floors) comprising of 858 dwelling units and a Club house building (Basement + Stilt + 5 Floors) & S+2 Building (Stilt + 2 Floors) - (46,674.53 Sq.m.) with total occupancies - 4425 Nos	
8	Expected Occupancies	6,910 Nos	4,425 Nos	-2485 Nos
9	Parking Area	55,931.72 Sq.m	31,610.49Sq.m.	-24,321.23 Sq.m.
10	Green Belt	8,126.72 Sq.m (15.1%)	6,160 Sq.m. (16.27%)	-1966.722 Sq.m.
11	UTILITIES - WATER Total Water Requirement	967 KLD	618 KLD	-349 KLD
	Total Fresh Water Requirements	644 KLD	412 KLD	-232 KLD
	i) Source from where the water is proposed to be drawn	Tankers/Coimbatore Municipal Corporation	Tankers/Coimbatore Municipal Corporation	---
	ii) Toilet Flushing (Recycled Water)	323 KLD	206 KLD	-117 KLD

  
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	iii) Green belt development & landscaping in project site (Recycled Water)	50 KLD	21 KLD	-29 KLD
12	Wastewater			
	i) Sewage Quantity	870KLD	556 KLD	314 KLD
	ii) Details of Treatment	STP:3 Nos of 300KLD (900 KLD)	STP :2 Nos of 300 KLD (600 KLD)	300 KLD
	iii) Treated Sewage Disposal with quantity	Gardening – 50KLD Toilet Flushing- 323 KLD Under Ground Drainage - 453 KLD	Gardening – 21 KLD Toilet Flushing– 206 KLD Under Ground Drainage – 330 KLD	Gardening – - 29 KLD Toilet Flushing– -117 KLD Under Ground Drainage – - 124 KLD
13	SOLID WASTE			
	i) Bio degradable	2133 kg/day - Organic Waste Converter	1328 kg/day - Organic Waste Converter	-805 kg/day
	ii) Non Bio degradable	1422 kg/day - Authorized recyclers	885 kg/day - Authorized recyclers	-537 kg/day
	iii) STP Sludge	250 kg/day - Will be used as a manure for green belt development	160 kg/day - Will be used as a manure for green belt development	-90 kg/day
14	POWER REQUIREMENT			
	i) Tamil Nadu Electricity Board	10830 KVA	7910 KVA	-2920 KVA

  
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	ii) D.G.Set	250KVA – 8 Nos, 750KVA-1 No 125 KVA - 1 No Total – 2875 KVA	250 KVA – 3 Nos, 380 KVA - 1 No and 125 KVA - 1 No Total – 1255 KVA	Total - 1620 KVA
	iii) Height of Stack	34 m	15 m	---
15	Project Cost	Rs.248.69 Crores	Rs 156 Crores	Rs. 82.69 Crores
16	EMP Cost	Capital Cost -Rs.250 Lakhs, Operation -Rs.64 Lakhs	Capital Cost – Rs.167 Lakhs, Operation -Rs.43 Lakhs	Capital Cost - Rs. 83 Lakhs Operation - Rs. 21 Lakhs

Based on the presentation & details furnished by the PP, the SEAC decided to recommend the above amendments, as requested, in the existing EC issued to SEIAA subject to the following conditions.

1. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No.445/8(b)/748/2021 dated: 16.03.2021 remains unaltered.
2. The project proponent shall provide provisions for electrical charging for electric cars in the parking area.

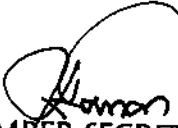
Agenda No: 296-2

(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, 874/3B, 875, 876/1, 876/2, 877/1, 877/2A, 877/2B, 878/1, 878/2, 879, 881, 887, 874/2B2 & 874/2B3 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)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. During the meeting, neither the project proponent nor the consultant was present.

In view of the above, SEAC decided to defer the subject.

  
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Agenda No: 296-3

(File No: 6466/2022)

Construction of Residential Apartment at S.F.No.12, Old S.F.No. 849/2, Block No.49, Ward C in Madhavaram Village, Madhavaram Taluk, Thiruvallur District, Tamilnadu by M/s Casa Grand Builders Private Limited- For amendment in Environmental Clearance issued. (SIA/TN/MIS/268450/2022Dt: 19.04.2022)

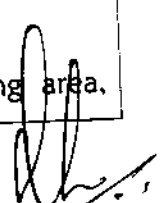
The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The PP was issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.6466/EC/8(a)/542/2017 dated 19.12.2017.
2. Now, the PP has applied for amendment for the following in the existing EC issued:

Description	Earlier EC	Amendment sought for
Change in built up area (including FSI, Non FSI and Parking area)	61311.59 (including FSI, Non FSI and Parking area)	62839.84 (There is no change in FSI Area & there is an increase of 1528.25 Sq.m in Non FSI Area due to the Open to Sky Area is calculated by CMDA)
Remarks	The total built up Area as per EC is 61311.59 Sq.m whereas in Approved Site Plan the Built-up Area is mentioned as 62839.84 Sq.m.  There is no change in FSI Area. parking area.	

  
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	<p>Dwelling units, Water requirement, Sewage generation, Solid waste generation, DG capacity</p> <ul style="list-style-type: none"> <li>➤ There is no change in scope of the project,</li> <li>➤ No pollution load increase,</li> <li>➤ No change in the dwelling units,</li> <li>➤ No change in the building footprint area,</li> <li>➤ No change in the height of the buildings,</li> <li>➤ No change in population,</li> <li>➤ No increase in water consumption and discharge.</li> </ul> <p>Due to difference in the calculations by CMDA as they included Open to Sky Area while evaluating so there is a difference in the total built up area of 1528.25 Sq.m when compared to the Environmental Clearance obtained earlier.</p>
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Based on the presentation & details furnished by the PP, the SEAC decided to recommend the above amendments as requested in the existing EC issued vide Lr.No.SEIAA-TN/F.6466/EC/8(a)/542/2017 dated 19.12.2017, subject to the following conditions.

1. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.6466/EC/8(a)/542/2017 dated 19.12.2017 remains unaltered.

Agenda No: 296-4

(File No: 7460/2022)

Proposed construction of 2124 EWS Tenements in S.F.No. 194/7 of Reddiarpatti village, Palayamkottai Taluk, Tirunelveli District Tamil Nadu by M/s. Tamil Nadu Slum clearance Board – For amendment in Environmental clearance issued. (SIA/TN/MIS/268520/2022 Dt: 20.05.2022)

  
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The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The PP was issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.7460/EC/8(a)/740/2020 dated 23.01.2021.
2. Now, the PP has applied for amendment for the following in the existing EC issued:

S.No	Description	As per Previous EC	EC Amendment sought for																																																						
1	Built up area	Total Built up area as 78545.46	<p>The total built up area as 83529.24 sq.m as the Head room and amenities block built up area of 4983.78.Sq.m only missed in the EC granted</p> <p>Summary of Built-up Area</p> <table border="1"> <thead> <tr> <th>S.No</th><th>Block Details</th><th>Built-up Area</th></tr> </thead> <tbody> <tr> <td>1</td><td>Phase I- Construction of 15 blocks consists of (G+3) floors having 480 EWS Tenements</td><td>17,778.6 Sq.m</td></tr> <tr> <td>2</td><td>Phase II - Construction of 8 blocks in Type B consists of (G+3) floors having 256 EWS Tenements</td><td>9249.36 Sq.m</td></tr> <tr> <td>3</td><td>Phase II - Construction of 10 blocks in Type C consists of (G+3) floors having 560 EWS Tenements</td><td>20793.2 Sq.m</td></tr> <tr> <td>4</td><td>Phase II - Construction of 1 block in Type D consists of (G+3) floors having 60 EWS Tenements</td><td>2241.1 Sq.m</td></tr> <tr> <td>5</td><td>Phase II - Construction of 6 blocks in Type E consists of (G+7) floors having 768 EWS Tenements</td><td>29429.04 Sq.m</td></tr> <tr> <td></td><td><b>Built up Area (A)</b></td><td><b>79491.3 Sq.m</b></td></tr> <tr> <td>1</td><td>Ration Shop Block 2 Numbers</td><td>99.42 Sq.m</td></tr> <tr> <td>2</td><td>ICDS (Anganwadi) 5 nos</td><td>258.90 Sq.m</td></tr> <tr> <td>3</td><td>Convenient Store- Block 4 Nos</td><td>359.75 Sq.m</td></tr> <tr> <td>4</td><td>Ration and C Store</td><td>151.09 Sq.m</td></tr> <tr> <td>5</td><td>Community Hall Block 2 Nos</td><td>557-581.58-36.02=1175.46 Sq.m</td></tr> <tr> <td>6</td><td>Visitor Center</td><td>58.74 Sq.m</td></tr> <tr> <td>7</td><td>LH Center and Middle School Block 2 Nos</td><td>323.85-187.63=511.48 Sq.m</td></tr> <tr> <td>8</td><td>School Block 2Nos</td><td>1335.38Sq.m</td></tr> <tr> <td>9</td><td>Health Center</td><td>87.72 Sq. m</td></tr> <tr> <td></td><td><b>Built up Area (B)</b></td><td><b>4037.94Sq.m</b></td></tr> <tr> <td></td><td><b>Total Built up Area (A+B)</b></td><td><b>83529.25Sq.m</b></td></tr> </tbody> </table>	S.No	Block Details	Built-up Area	1	Phase I- Construction of 15 blocks consists of (G+3) floors having 480 EWS Tenements	17,778.6 Sq.m	2	Phase II - Construction of 8 blocks in Type B consists of (G+3) floors having 256 EWS Tenements	9249.36 Sq.m	3	Phase II - Construction of 10 blocks in Type C consists of (G+3) floors having 560 EWS Tenements	20793.2 Sq.m	4	Phase II - Construction of 1 block in Type D consists of (G+3) floors having 60 EWS Tenements	2241.1 Sq.m	5	Phase II - Construction of 6 blocks in Type E consists of (G+7) floors having 768 EWS Tenements	29429.04 Sq.m		<b>Built up Area (A)</b>	<b>79491.3 Sq.m</b>	1	Ration Shop Block 2 Numbers	99.42 Sq.m	2	ICDS (Anganwadi) 5 nos	258.90 Sq.m	3	Convenient Store- Block 4 Nos	359.75 Sq.m	4	Ration and C Store	151.09 Sq.m	5	Community Hall Block 2 Nos	557-581.58-36.02=1175.46 Sq.m	6	Visitor Center	58.74 Sq.m	7	LH Center and Middle School Block 2 Nos	323.85-187.63=511.48 Sq.m	8	School Block 2Nos	1335.38Sq.m	9	Health Center	87.72 Sq. m		<b>Built up Area (B)</b>	<b>4037.94Sq.m</b>		<b>Total Built up Area (A+B)</b>	<b>83529.25Sq.m</b>
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2	Proponent	Tamil Nadu Slum Clearance Board	Tamil Nadu Urban Habitat Development Board (TNUHDB)																																																						
3	Solid Waste Management	Biodegradable waste (Bio	Segregation of waste at source will be adopted and to construct 3 MT of Micro Compost Centre inside the premises with in TNUHDB's Fund and																																																						

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		Methanation Plant)	the same shall be handed over to Tirunelveli corporation for the operation and Maintenance of Micro compost Centre.
4	STP	Sewage Treatment Plant - 600 KLD & Grey Water Treatment Plant - 950 KLD	Proposing combined 1800 KLD Sewage Treatment Plant of Sequential Batch Reactor. Design vetted by academic Institution for its Hydraulic design adequacy.

Based on the presentation & details furnished by the PP, the SEAC decided to recommend the above amendments, as requested, in the existing EC issued vide Lr.No.SEIAA-TN/F.No.7460/EC/8(a)/740/2020 dated 23.01.2021 subject to the following condition.

1. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No.7460/EC/8(a)/740/2020 dated 23.01.2021 remains unaltered.

**Agenda No: 296-5**

**(File No: 7990/2020)**

Proposed Common Bio-Medical Waste Treatment Plant capacity of 10TPD at S.F.No. 123/4 at Nayapakkam Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu by M/s. Greater Chennai Bio Medical Waste Management Private Limited – For amendment Terms of Reference issued.(SIA/TN/MIS/277718/2022 dated: 11.06.2022)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The PP was issued with Terms of Reference vide Lr.No.SEIAA-TN/F.No.7990/7 (d) (a)/ ToR-934/2021 dated: 16.04.2021.
2. Now, the PP has applied for amendment for the following in the existing ToR issued:

  
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S.NO	DESCRIPTION	APPROVED IN ToR ISSUED	AMENDMENT REQUESTED
1	Project Site Details	S.F.No.123/4, Nayapakam Village, Uthukottai Taluk, Thiruvallur District.	S.F.No.123/4B, Nayapakam Village, Uthukottai Taluk, Thiruvallur District. (Based on Patta Document)

Based on the presentation & details furnished by the PP, the SEAC decided to recommend the above amendment, as requested, in the existing ToR issued to SEIAA subject to the following additional conditions other than those mentioned in earlier ToR issued:

1. A separate chapter dedicated to the compliance of 'site selection criteria' as per the Biomedical Waste Management Rules, 2016 and also CPCB siting criteria, including various alternative sites considered, should be included in the in the EIA report.

Agenda No: 296-6

(File No: 8822/2021)

Proposed Quartz & Feldspar quarry lease area over an extent of 1.21.5 Ha at S.F.No. 131/1C Senapathipalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. E. Suresh - For Environmental Clearance (SIA/TN/MIN/232119/2021 Dt: 30.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. 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, Thiru. E. Suresh has applied for the Environmental Clearance for proposed Quartz & Feldspar quarry lease area over an extent of 1.21.5 Ha at S.F.No. 131/1C Senapathipalayam Village, Dharapuram Taluk, Tiruppur 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.

  
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3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed –ROM- 22425 T, 12558 T of Quartz and 3140 T of Feldspar. The annual peak production as per mining plan is ROM- 4680 T (2<sup>nd</sup> year), 2621 T of Quartz (2<sup>nd</sup> year) and 655 T of Feldspar (2<sup>nd</sup> year) with ultimate depth of 13m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 516<sup>th</sup> Authority meeting held on 01.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years whichever is earlier,

- i) Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following:
  - a) Soil health & bio-diversity.
  - 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.
  - f) Hydrothermal/Geothermal effect due to destruction in the Environment.
  - g) Bio-geochemical processes and its foot prints including environmental stress.
  - h) Sediment geochemistry in the surface streams.
- ii) 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 water bodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect

  
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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.

- iii) 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.
- iv) To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
- v) Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
- vi) Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 271<sup>st</sup> SEAC Meeting held on 12.5.2022.


Agenda No: 296-7

(File No: 8823/2021)

Proposed Black granite quarry lease area over an extent of 1.02.5 Ha at S.F.Nos. 190/1B (Part), 190/1C2 (Part) and 191/1(Part) Kathiripalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. U.V.R. Granite Exports - For Environmental Clearance (SIA/TN/MIN/231987/2021 Dt: 29.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. 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:

  
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1. The project proponent, M/s. U.V.R. Granite Exports has applied for the Environmental Clearance for proposed Black granite quarry lease area over an extent of 1.02.5 Ha at S.F.Nos. 190/1B(Part), 190/1C2(Part) and 191/1(Part) Kathiripalli Village, Krishnagiri Taluk, Krishnagiri 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. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed –ROM- 26817 m<sup>3</sup> and 5363m<sup>3</sup> of Black granite. The Annual peak production as per mining plan is 5761 m<sup>3</sup> of total excavation which includes ROM of 5761 m<sup>3</sup> (2<sup>nd</sup> year) and 1152 m<sup>3</sup> of Black granite (2<sup>nd</sup> year) with an ultimate depth of 43m BGL.

Year	ROM (m <sup>3</sup> )	Recovery @ 20% (m <sup>3</sup> )	Granite Waste @ 80% (m <sup>3</sup> )	Total Excavation (m <sup>3</sup> )
2021-2022	<b>5450</b>	<b>1090</b>	<b>4360</b>	<b>5450</b>
2022-2023	<b>5761</b>	<b>1152</b>	<b>4609</b>	<b>5761</b>
2023-2024	<b>5016</b>	<b>1003</b>	<b>4013</b>	<b>5016</b>
2024-2025	<b>5320</b>	<b>1064</b>	<b>4256</b>	<b>5320</b>
2025-2026	<b>5270</b>	<b>1054</b>	<b>4216</b>	<b>5270</b>
Grand Total	<b>26817</b>	<b>5363</b>	<b>21454</b>	<b>26817</b>

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 specific conditions. Subsequently it was placed in 516<sup>th</sup> Authority meeting held on 01.06.2022 & decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent 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 from reputed research institutions on the following:

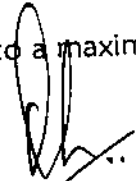
a) Soil health & bio-diversity.

  
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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.
  - f) Hydrothermal/Geothermal effect due to destruction in the Environment.
  - g) Bio-geochemical processes and its foot prints including environmental stress.
  - h) Sediment geochemistry in the surface streams.
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 water bodies 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. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
  5. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

  
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6. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

The proposal now placed for reappraisal in this 296<sup>th</sup> meeting of SEAC held on 16.7.2022. The PP has furnished a detailed reply covering the points raised by SEIAA in addition to the following.

- The production targets are conservative and follow the statutory rules and regulations issued by the Govt to quarry the Black 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.
- 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

  
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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

  
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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 is provided in the Mining Plan.

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.

The proposal was again been placed in 296th SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details sought in 516th SEIAA meeting. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 271st SEAC Meeting held on 12.5.2022.

Agenda No: 296-8

(File No: 8829/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.03.62 Ha at S. F. Nos. 51/1B (P), 1C(P) & 1D (P), Vittamanaickenpatti village, Namakkal Taluk, Namakkal District, Tamil Nadu by Thiru. B. Vasanth - For Environmental Clearance. (SIA/TN/MIN/232606/2021 Dt: 05.10.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. 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, Thiru. B. Vasanth has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.03.62 Ha at S.F. Nos. 51/1B (P), 1C(P) & 1D (P), Vittamanaickenpatti village, Namakkal Taluk, Namakkal District, Tamil Nadu.

  
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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 10 years. The production for 5 years not to exceed –109000 m<sup>3</sup> of Rough stone and gravel – 20532m<sup>3</sup>. The Annual peak production as per mining plan is 26250m<sup>3</sup> of Rough stone ( 5<sup>th</sup> year) & 12876m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 17m BGL

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently, it was placed in 516<sup>th</sup> Authority Meeting held on 01.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent 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 from reputed research institutions on the following:

- i) Soil health & bio-diversity.
- ii) Climate change leading to Droughts, Floods etc.
- iii) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.
- iv) Possibilities of water contamination and impact on aquatic ecosystem health.
- v) Agriculture, Forestry & Traditional practices.
- vi) Hydrothermal/Geothermal effect due to destruction in the Environment.
- vii) Bio-geochemical processes and its foot prints including environmental stress.
- viii) Sediment geochemistry in the surface streams.

  
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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 water bodies 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. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
5. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
6. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

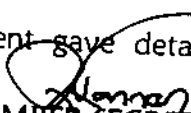
The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 271<sup>st</sup> SEAC Meeting held on 12.5.2022.

Agenda No: 296-9

(File No: 8830/2021)

Proposed Black granite quarry lease area over an extent of 1.02.0 Ha at S. No. 9/1B Eriyur Village, Vanur Taluk, Villuppuram District, Tamil Nadu by Thiru.S.Baskar Babu - For Environmental Clearance . (SIA/TN/MIN/232862/2021 Dt. 06 10. 2021)

The proposal was placed in this 272<sup>nd</sup> SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the

  
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proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Baskar has applied for Environmental Clearance for the proposed Black granite quarry lease area over an extent of 1.02.0 Ha at S. No. 9/1B Eriyur Village, Vanur Taluk, Viluppuram 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. As per the mining plan, the lease period is for 20 years. The total excavation as per scheme of mining for 5 years not to exceed the quantity which includes ROM of 70560 m<sup>3</sup> and Recoverable Black granite of 10585 m<sup>3</sup>. The annual peak production as per mining plan is ROM of 17050 m<sup>3</sup> and Recoverable black granite of 2558 m<sup>3</sup> (3<sup>rd</sup> year) with maintaining an ultimate depth of 28 m BGL.

Year	ROM (m <sup>3</sup> )	Recovery @ 15% (m <sup>3</sup> )	Granite Waste @ 85% (m <sup>3</sup> )	Weathered Granite (m <sup>3</sup> )	Total Excavation (m <sup>3</sup> )
2021-2022	15735	2360	13375	1092	16827
2022-2023	15525	2329	13196		15525
2023-2024	17050	2558	13375		17050
2024-2025	13500	2025	11475		13500
2025-2026	8750	1313	7437		8750
Grand Total	70560	10585	59975	1092	71652

4. As per MoEF & CC Notification S.O. 2269(E) Dt 1.7.2016 "(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."

Based on the presentation and documents furnished by the project proponent, SEAC noted that the other quarries being granted within 500m radius as Rough stone quarries and decided to recommend the proposal for the grant of Environmental

  
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20

  
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SEAC- TN

Clearance. Subsequently it was placed in 517<sup>th</sup> Authority meeting held on 06.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent 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 from reputed research institutions on the following:

- a) Soil health & bio-diversity.
- 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.
- f) Hydrothermal/Geothermal effect due to destruction in the Environment.
- g) Bio-geochemical processes and its foot prints including environmental stress.
- h) Sediment geochemistry in the surface streams.

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 water bodies 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/unfavorable accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.

  
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5. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
6. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
7. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

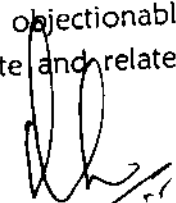
The proposal was again placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA.

The proposal now placed for reappraisal in this 296<sup>th</sup> meeting of SEAC held on 16.7.2022. The PP has furnished a detailed reply covering the points raised by SEIAA in addition to the following.

- The production targets are conservative and follow the statutory rules and regulations issued by the Govt to quarry the Black 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.
- 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.

  
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22

  
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SEAC- TN

- 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 is provided in the Mining Plan.

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 Black Granite blocks as stipulated in EMP, in case of processing

  
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23

  
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SEAC- TN

plant is situated outside the leasehold area.

Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 272<sup>nd</sup> SEAC Meeting held on 13.5.2022

Agenda No: 296-10

(File No: 8838/2021)

Proposed Gravel quarry lease area over an extent of 0.56.50 Ha at S.F. No. 522/2 Karungal Village, Killioor Taluk, Kanniyakumari District, Tamil Nadu by Thiru K.Siva,- For Environmental Clearance. (SIA/TN/MIN/233607/2021 Dt.12.10.2021)

The proposal was placed in 272<sup>nd</sup> SEAC Meeting held on 13.5.2022. 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, Thiru K.Siva has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 0.56.50Ha at S.F. No. 522/2 Karungal Village, Killioor Taluk, Kanniyakumari 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. As per the mining plan, the lease period is for 1 year. The production as per mining plan not to exceed – 25656 m<sup>3</sup> of gravel with ultimate depth of 9m (7m AGL + 2m BGL).

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 517<sup>th</sup> SEIAA Meeting held on 06.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent.

1. Vast area of green patch seen in and around the mine lease area. Furnish the details of vegetation.

  
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2. Biodiversity study in the vicinity shall be carried out and to submit the report.
3. A test on soil analysis from a competent authority.

The proposal has again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent, during presentation furnished details sought by SEIAA. During the representation SEAC observed that some of the structures are shown in the Vedio-graph, hence SEAC decided to call for the following details.

1. The PP shall enumerate all the structures located within 500m radius from the proposed site, with details such as nature of structure, use, occupation, etc.

**Agenda No: 296-11**

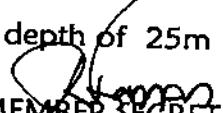
**(File No: 8841/2021)**

Proposed rough stone, jelly and gravel quarry lease area over an extent of 0.65.5 Ha at S.F. No. 438 Melamadai Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Thiru. A. Sabapathy- For Environmental Clearance. (SIA/TN/MIN/233502/2021 Dt. 11.10.2021)

The proposal was placed in 272<sup>nd</sup> SEAC meeting held on 13.05.2022. The project proponent has given a detailed presentation. 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. A. Sabapathy has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 0.65.5 Ha at S.F. No. 438, Melamadai Village, Sattur Taluk, Virudhunagar 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. As per the mining plan, the lease period is for 5 year. The production as per mining plan for 5 years not to exceed – 50690m<sup>3</sup> of rough stone & 14685 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 14550 m<sup>3</sup> Rough stone (5<sup>th</sup> year) & 4125 m<sup>3</sup> gravel ( 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year respectively) with ultimate depth of 25m BGL.

  
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25

  
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Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 517<sup>th</sup> Authority meeting and noted that the file number, name of the mineral and site address have been entered incorrectly in 272<sup>nd</sup> SEAC minutes and the same has been uploaded on PARIVESH. Hence, SEIAA decided to refer back the proposal to SEAC for seeking clarification.

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. SEAC noted that errors pointed out by SEIAA have occurred in the minutes inadvertently and decided to issue following errata to the 272<sup>nd</sup> SEAC minutes, subject to the condition that all other conditions mentioned in the minutes will remain.

*File No 8841*

- The project proponent, Thiru. A. Sabapathy has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 0.65.5 Ha at S.F. No. 438, Melamadai Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.*
- As per the mining plan, the lease period is for 5 year. The production as per mining plan for 5 years not to exceed – 50690m<sup>3</sup> of rough stone & 14685 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 14550 m<sup>3</sup> Rough stone (5<sup>th</sup> year) & 4125 m<sup>3</sup> gravel ( 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year respectively) with ultimate depth of 25m BGL.*

Agenda No: 296-12

(File No: 8845/2021)

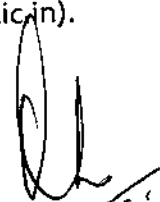
Proposed rough stone and gravel quarry lease area over an extent of 1.04.5 Ha at S.F. No. 220/4B, Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru. Augustian- For Environmental Clearance. (SIA/TN/MIN/233948/2021 Dt. 12.10.2021)

The proposal was placed in the 272<sup>nd</sup> SEAC Meeting held on 13.05.2022. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

  
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26

  
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SEAC- TN

1. The project proponent, Thiru. Augustian has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 1.04.5 Ha at S.F. No. 220/4B Kolarpatti Village, Pollachi Taluk, Coimbatore 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. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 10 years not to exceed – 127790m<sup>3</sup> of rough stone & 17136 m<sup>3</sup> of gravel. The annual peak production as per mining plan is 16560 m<sup>3</sup> Rough stone (4<sup>th</sup> year) & 6160 m<sup>3</sup> gravel ( 1<sup>st</sup> year ) with ultimate depth of 32m BGL.

Based on the presentation and document furnished by the project proponent, SEAC recommended the proposal for the grant of Environmental Clearance subject to specific conditions. Subsequently it was placed in 517<sup>th</sup> Authority meeting held on 06.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent 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 from reputed research institutions on the following:
  - a. Soil health & bio-diversity.
  - 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.
  - f. Hydrothermal/Geothermal effect due to destruction in the Environment.

  
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SEAC -TN

  
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SEAC- TN

- g. Bio-geochemical processes and its foot prints including environmental stress.
- h. Sediment geochemistry in the surface streams.
- 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 water bodies 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.
- 4. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/unfavorable accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities.
- 5. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
- 6. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
- 7. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details sought by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 272<sup>nd</sup> SEAC Meeting held on 13.5.2022.

  
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Agenda No: 296-13

(File No: 8861/2021)

Proposed rough stone and gravel quarry lease area over an extent of 2.23.0 Ha at S.F.Nos. 660/1A, 660/1B, and 660/3, Jeyamangalam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. B.Senthilmurugan - For Environmental Clearance. (SIA/TN/MIN/235661/2021 Dt.25.10.2021)

The proposal was placed in this 272<sup>nd</sup> SEAC Meeting held on 13.5.2022. 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, Thiru. B.Senthilmurugan has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 2.23.0 Ha at S.F.No. 660/1A, 660/1B, and 660/3, Jeyamangalam Bit-I Village, Periyakulam Taluk, Theni 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. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 5 years not to exceed – 198624m<sup>3</sup> of rough stone and 36928 m<sup>3</sup> of gravel. The annual peak production as per mining plan is 41000m<sup>3</sup> of Rough stone (4th year) & 20128m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 35m BGL (10years).

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently, it was placed in 517<sup>th</sup> SEIAA Meeting held on 17.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent with reference to project life (or) subject to a maximum of thirty years whichever is earlier.

  
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29

  
CHAIRMAN  
SEAC - TN

1. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area from reputed research institutions on the following:
  - i) Soil health & bio-diversity.
  - ii) Climate change leading to Droughts, Floods etc.
  - iii) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.
  - iv) Possibilities of water contamination and impact on aquatic ecosystem health.
  - v) Agriculture, Forestry & Traditional practices.
  - vi) Hydrothermal/Geothermal effect due to destruction in the Environment.
  - vii) Bio-geochemical processes and its foot prints including environmental stress.
  - viii) Sediment geochemistry in the surface streams.
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 water bodies 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. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
5. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
6. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

  
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SEAC -TN

30

  
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SEAC- TN

The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 272<sup>nd</sup> SEAC Meeting held on 13.5.2022.

Agenda No: 296-14

(File No: 8865/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.62.0 Ha at S.F.Nos.317/1A1(P), Zamin Kottampatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by M/s. Diamond Rocks Products - For Environmental Clearance. (SIA/TN/MIN/235522/2021 Dt.23.10.2021)

The proposal was placed in this 272<sup>nd</sup> SEAC Meeting held on 13.5.2022. 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. Diamond Rocks Products has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 1.62.0 Ha at S.F.Nos.317/1A1(P), Zamin Kottampatti Village, Pollachi Taluk, Coimbatore 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. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 209859m<sup>3</sup> of rough stone and 17454 m<sup>3</sup> of gravel. The annual peak production as per mining plan is 48415m<sup>3</sup> of Rough stone (1<sup>st</sup> year) & 10692m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 42m BGL.

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

  
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31

  
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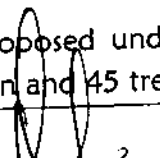
the standard and specific conditions. Subsequently it was placed in 517<sup>th</sup> SEIAA Meeting held on 06.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent.

1. Many a tree is seen within the mine lease area. What is the rehabilitation planned for those trees.
2. Biodiversity study in the vicinity shall be carried out and to submit the report.
3. Google imagery shows the mine lease area has already been worked. However in the 500m cluster letter presence of existing/expired/abandoned quarries have not been reported.

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent, furnished clarification for details sought by SEIAA during the presentation which are as follows:

S.No	Query from SEIAA	Reply Furnished by Project Proponent
1	Many a tree is seen within the mine lease area. What is the rehabilitation planned for those trees.	<ul style="list-style-type: none"> <li>• A tree survey study was carried out in the mining lease applied area.</li> <li>• There are 40 Nos of mango trees, 5 Nos of neem trees within the lease applied area.</li> <li>• These 45 trees will be translocated and replanted in 7.5m safety barrier zone.</li> <li>• Considering the survival factor of the translocated and replanted trees a compensatory plan @ 5Nos per tree will be planted along the boundary barrier and approach roads @ 225 Nos.</li> <li>• It is proposed to plant about 500 Nos of trees (native) during the mining plan period for the proposed project which will be carried out during the first year plan period.</li> <li>• A total of 725 trees is proposed under green belt development plan and 45 trees</li> </ul>

  
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		<p>will be replanted.</p> <ul style="list-style-type: none"> <li>The cost of EMP shall remain unaltered and the translocation and replantation will be covered within the EMP budget submitted.</li> </ul>
2	Biodiversity study in the vicinity shall be carried out and to submit the report.	<ul style="list-style-type: none"> <li>Bio diversity study report is enclosed.</li> </ul>
3	Google imagery shows the mine lease area has already been worked. However in the 500m cluster letter presence of existing/expired/abandoned quarries have not been reported.	<ul style="list-style-type: none"> <li>Previously, the lease was granted in the name of Thiru.T.Prabhu over an extent of 2.49.0 ha in S.F.Nos.317/1B(P) and 317/1A(P) lease period is 30.06.2006 to 29.06.2011 – 5years.</li> <li>Now M/s. Diamond Rock Products has applied for lease part of area 1.62.0 ha in S.F.No.317/1A1(P).</li> <li>The proponent has lease agreement for quarry with Pattadhars, vide doc.no.10793/2021.</li> <li>Hence the proposed project area is same survey number of the previous lease.</li> </ul>

Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 272nd SEAC Meeting held on 13.5.2022.

Agenda No: 296-15  
(File No: 8868/2021)

Proposed quartz & feldspar quarry lease area over an extent of 3.98.0 Ha at S. F. Nos. 138 (P), 140/1A1, 140/3A1 (P) & 140/4A1 (P), T. Goundamapalayam Village, Paramathi Velur Taluk, Namakkal District, Tamil Nadu by M/s. G. S. Enterprises - For Environmental Clearance. (SIA/TN/MIN/235304/2021 Dt: 22.10.2021)

  
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The proposal was placed in this 272<sup>nd</sup> SEAC Meeting held on 13.5.2022. 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. G. S. Enterprises has applied for Environmental Clearance for the proposed Quartz & Feldspar quarry lease area over an extent of 3.98.0 Ha at S. F. Nos. 138 (P), 140/1A1, 140/3A1 (P) & 140/4A1(P), T.Goundamapalayam Village, Paramathi Velur Taluk, Namakkal 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. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 5 years not to exceed – ROM – 56914T, 34149T of Quartz & 8538 T of Feldspar. The annual peak production as per mining plan is ROM – 14196 T, 8518 T of Quartz & 2130 T of Feldspar (5<sup>th</sup> year) with ultimate depth of Pit – 1 – 16m & Pit – 2- 11m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 517<sup>th</sup> SEIAA Meeting held on 17.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent 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 from reputed research institutions on the following:

- a) Soil health & bio-diversity.
- 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.


  
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SEAC -TN

34

  
CHAIRMAN  
SEAC- TN

- d) Possibilities of water contamination and impact on aquatic ecosystem health.
  - e) Agriculture, Forestry & Traditional practices.
  - f) Hydrothermal/Geothermal effect due to destruction in the Environment.
  - g) Bio-geochemical processes and its foot prints including environmental stress.
  - h) Sediment geochemistry in the surface streams.
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 water bodies 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. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.
5. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
6. Detailed Environment Management Plan includes adaptation, mitigation & remedial strategies covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 272<sup>nd</sup> SEAC Meeting held on 13.5.2022.

  
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Agenda No: 296-16

(File No: 8881/2021)

Proposed Rough stone & gravel quarry lease over an extent of 1.17.5 Ha (Patta Land) in S.F.Nos. 96/2, 97.2B, 98/1 and 98/2 of Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by M/s. Tmt. M. Ramalakshmi for grant of EC (SIA/TN/MIN/237096/2021 Dated 08.11.2021)

The proposal was placed in 277<sup>th</sup> meeting of the SEAC held on 26.5.2022. 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, Tmt. M. Ramalakshmi has applied for the grant of EC for the proposed Rough Stone & Gravel quarry lease over an extent of 1.17.5 Ha in S.F.Nos. 96/2, 97.2B, 98/1 and 98/2 in Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu
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. As per the mining plan, the lease period is 5 years and the mining plan for the period of five years with the quantity should not exceed 1,31,235 cu.m. of Rough Stone, 8,040 cu.m. of Weathered Rock and 8,407 cu.m. of gravel. The annual peak production 27765 cu.m. of Rough Stone (2<sup>nd</sup> year), 5121 cu.m. of Weathered Rock(1<sup>st</sup> year) and 5382 cu.m. of gravel(1<sup>st</sup> year). The ultimate depth 47 metres BGL.

Based on the presentation and documents furnished by the project proponent and considering safety aspects, SEAC decided to recommend the proposal for the grant of Environmental Clearance, for the production of 1,30,515m<sup>3</sup> of Rough stone & 8,407m<sup>3</sup> of Gravel for 5 years with restricted depth upto 42 metres below Gls subject to the standard and specific conditions.

Subsequently the subject was placed in 523<sup>rd</sup> SEIAA Meeting held on 21.06.2022.

  
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SEAC- TN

The authority noted deviation in the restricted production quantity & depth in comparison with approved mine plan. In view of the above Authority after detailed discussion decided to refer back the proposal to SEAC for revised recommendation for restricted production quantity & depth as per mine plan.

The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 277<sup>th</sup> meeting of the SEAC held on 26.5.2022 for the following quantity, *"the production of 1,30,515m<sup>3</sup> of Rough stone & 8,407m<sup>3</sup> of Gravel for 5 years with restricted depth upto 42 metres below GL"*

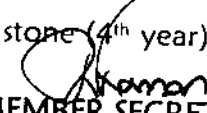
Agenda No: 296-17

(File No: 8890/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.15.5 Ha (Patta Land) in S.F.No. 249, 250/1 & 250/5 of Nerkunapattu Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu by Thiru T. Rajendran, - For Environmental Clearance (SIA/TN/MIN/238509/2021 Dated 12.11.2021)

The proposal was placed in the 277<sup>th</sup> meeting of SEAC held on 26.05.2022. 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 T. Rajendran, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 4.15.5 Ha (Patta Land) in S.F.No. 249, 250/1 & 250/5 of Nerkunapattu Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu
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. As per mining plan, the lease period is 10 years. The mining plan for the period of Five years & production should not exceed 4,24,740 cu.m. of Rough Stone and 65,550 cu.m. of Gravel. The Annual peak production – 86,145 m<sup>3</sup> of Rough stone (4<sup>th</sup> year) & 25300 m<sup>3</sup> of Gravel (3<sup>rd</sup> year). The ultimate depth of mining is

  
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47 metres below GL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 520<sup>th</sup> SEIAA Meeting held on 17.06.2022, after detailed discussion decided to refer back the proposal to SEAC for consideration in regard to the complaint Dt: 26.05.2022 received to this office on 18.06.2022 from Villagers of Nerkunapattu requesting to take necessary action and to protect the burial ground within 200m from the proposed mine lease area.

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. In response to the above mentioned complaint, the project proponent submitted an affidavit stating the following:

1. Compound walls will be erected around the burial ground and burial stage will be constructed so that mining activity will not interfere with burial rituals.
2. Bore well will be provided for usage during burial rituals.
3. There shall be no mining activity during funeral rites.

Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 277<sup>th</sup> meeting of the SEAC held on 26.5.2022.

Agenda No: 296-18

(File No: 9020/2022)

Proposed construction of High rise building for residential purposes in S.No. 17/1B1B, 17/1B2B, 17/2B1, 17/2B2, 17/2B3, 23/1, 23/2, 23/3, 26/5A, 26/8, 27, 28/2, 28/3, 29/1, 30/1, 30/2A, 30/2B1, 30/2B2, 30/2B3, 31/1B, 31/2A1A, 31/2A1B, 31/2A2, 31/2B2, 31/3A, 31/3B, 31/4B, 33/2B, 33/3B, 33/4, 34/1A, 34/1B, 34/2A, 34/2B, 34/3, 34/4A, 34/4B, 34/5A, 34/5B, 34/6A1, 34/6A2, 34/6B, 34/7A, 34/7B, 34/8A, 34/8B, 35/1B, 35/2B of Kovilambakkam Village, Tambaram Taluk , Chengalpet district, Tamil Nadu by M/s Emerald Haven Towers Limited- For Environmental Clearance (SIA/TN/MIS/257394/2022,dated 19-02-2022)

The proposal was placed in this 275<sup>th</sup> SEAC Meeting held on 20.5.2022. The project

  
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SEAC -TN

38

  
CHAIRMAN  
SEAC-TN

proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Proponent, M/s Emerald Haven Towers Limited has applied for Environmental Clearance for the proposed construction of High rise building for residential purposes in S.No. 17/1B1B, 17/1B2B, 17/2B1, 17/2B2, 17/2B3, 23/1, 23/2, 23/3, 26/5A, 26/8, 27, 28/2, 28/3, 29/1, 30/1, 30/2A, 30/2B1, 30/2B2, 30/2B3, 31/1B, 31/2A1A, 31/2A1B, 31/2A2, 31/2B2, 31/3A, 31/3B, 31/4B, 33/2B, 33/3B, 33/4, 34/1A, 34/1B, 34/2A, 34/2B, 34/3, 34/4A, 34/4B, 34/5A, 34/5B, 34/6A1, 34/6A2, 34/6B, 34/7A, 34/7B, 34/8A, 34/8B, 35/1B, 35/2B of Kovilambakkam Village, Tambaram Taluk , Chengalpet district, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) " Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal consists- 4 Blocks Consists of combined basement floor + stilt floor + 18 Floors and the total no. of dwelling units is with 820 Nos with total built-up area of 122961.65 Sq.m. with plot area – 26565 Sq.m

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 520<sup>th</sup> SEIAA Meeting held on 17.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent.

- a) Details of green house gas (GHG) & other gas emission anticipated due to the human activities & proposed project activity and the mitigation measures.
- b) Plan for carbon offsetting strategies involving reduction of GHG.
- c) Energy budgeting plan to be provided for the project in detail.
- d) Detailed environmental auditing with clear indications for mitigation of pollution.

  
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SEAC -TN

39

  
CHAIRMAN  
SEAC- TN

- e) Disaster management plan including risk assessment and anticipated impact on biological, Socio-economic, physical, cultural resources in & around the proposed area.
- f) Direct and indirect emission anticipated due to movement of vehicles in the nearby roads & due to new outside entities, and mitigation measures.
- g) Enhancement of energy efficiency and strategies for buildings and equipment used in the project.
- h) Resource efficiency planning for conservation of Water during pre-construction phase, Construction phase & operation phase.
- i) Details of anticipated impact on bird migratory path due the proposed project.
- j) Emergency response plan.
- k) Detailed note on the impact of the proposed construction project on the nearby surface water bodies and ground water in the locality.
- l) Details of land allocated for Children's Play Area/OSR area.
- m) Copy of Elevation clearance certificate issued by the Airport Authority of India.

The proposal was again placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 275<sup>th</sup> SEAC Meeting held on 20.5.2022.

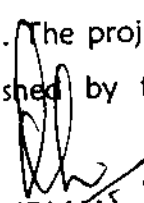
**Agenda No: 296-19**

**(File No: 9021/2022)**

**Proposed Construction of High Rise Building at S.No.293/3B, 293/3C, 293/4A1, 293/4A2A, 293/4A2B, 293/4B, 309/1B2, 309/1C, 309/1G1, 309/1G2, 309/1H1C & 309/1H2 of Mannivakkam Village, Vandalur Taluk and Chengalpattu District, Tamil Nadu by M/s Casa Grande Civil Engineering Pvt Ltd - For Environmental Clearance (SIA/TN/MIS/249519/2022, dated 05.01.2022)**

The proposal was placed in this 275<sup>th</sup> SEAC Meeting held on 20.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the

  
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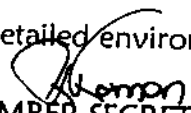
proponent are available in the website (parivesh.nic.in).

SEAC noted the following:

1. The Proponent, M/s Casa Grande Civil Engineering Pvt Ltd has applied for Environmental Clearance for the proposed Construction of High Rise Building at S.No.293/3B, 293/3C, 293/4A1, 293/4A2A, 293/4A2B, 293/4B, 309/1B2, 309/1C, 309/1G1, 309/1G2, 309/1H1C & 309/1H2 of Mannivakkam Village, Vandalur Taluk and Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) " Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal consists- Block 1: Combined Basement + Stilt floor part /Ground floor part + 1<sup>st</sup> Floor (Club house use), 2nd Floor to 19 Floors with 162 Dwelling Units. Block 2: Combined Basement + Stilt + 1st Floor to 9 Floors with 54 Dwelling Units, Block 3: Combined Basement + stilt + 1st Floor to 19 floors with 601 Dwelling Units, Totally 817 Dwelling units with total built-up area of 80860.96 Sq.m. with plot area – 16349.88 Sq.m

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. Subsequently it was placed in 520<sup>th</sup> SEIAA Meeting held on 17.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent.

- a) Details of anticipated impact on the water body at 200m & Canal/Channel at 400 m approx. distance in the Western direction from the proposed project site and its mitigation measures.
- b) Details of green house gas (GHG) & other gas emission anticipated due to the human activities & proposed project activity and the mitigation measures.
- c) Plan for carbon offsetting strategies involving reduction of GHG.
- d) Energy budgeting plan to be provided for the project in detail.
- e) Detailed environmental auditing with clear indications for mitigation of pollution.

  
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- In view of this, the proposal was again placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent gave a re-presentation incorporating the details requested by SEIAA. Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 275<sup>th</sup> SEAC Meeting held on 20.5.2022.

(File No: 9140/2022)

The proposal was placed in this 276<sup>th</sup> SEAC Meeting held on 21.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in)

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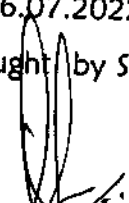
1. The Proponent, M/s. Jurojin Developers Private Limited has applied for Environmental Clearance for the Proposed construction of Jurojin Industrial and Logistics Park (Light and Heavy Engineering/ Manufacturing / Assembling Park / Industrial Storage) at S.F.NO: 26/1, 2, 3; 27/1, 2; 28/1, 2, 3, 4, 5, 6B, 7B, 8B; 29/1, 2, 3, 4, 5B; 30/1, 2, 3, 4, 5, 6, 7A1, 7A2, 7B, 8, 9; 31/1; 37/2B1A; 44/4 in Alinjivakkam Village (Jaganathapuram Revenue Village) & 34/3A2, 37/2B; 39/1, 2; 40; 41; 42/2; 43/1A1A2, 1A1B, 2B2; 46; 47; 48/1A; 49/2B in Bandikavanur Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Schedule B Category 8(a) "building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of - HIP Building - 1, 2,3&4 (Ground floor + Mezzanine Floor) each, Admin Building (Ground Floor), Creche (Ground Floor), Driver Restroom - 1,2,3&4 (Ground Floor), LT Room (Ground Floor) Scrap Yard (Ground Floor) Security - Command Centre (Ground Floor)

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the specific conditions. Subsequently it was placed in 521<sup>st</sup> SEIAA Meeting held on 17.06.2022 and decided to refer back the proposal to SEAC for obtaining the following additional particulars from the project proponent.

1. Change in land use classification certificate for the proposed project obtained from competent authority.
2. Letter from the competent authority stating the impact of the proposed project on water bodies.
3. NOC for flood inundation from the competent authority.

The proposal was again been placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022 for appraisal. The project proponent, during presentation furnished details sought by SEIAA which are as follows:

  
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S.No	Query from SEIAA	Reply Furnished by Project Proponent
1	Change in land use classification certificate for the proposed project obtained from competent authority.	1. NOC issued in the name of land holder (Power of attorney in favour of Jurojin) from the Collectorate – Tiruvallur District. Ref – R. Dis. No. 8334/2020/B1 dated 28.10.2020. 2. Obtained NOC from Agriculture department date 20.09.2021 3. Land use classification certificate was obtained from DTCP on 06.05.2022 4. Plan approval obtained from DTCP in the name of M/s. JUROJIN DEVELOPERS PVT. LTD Ref: 851/2022/Thiruvallur-2 dated 08.07.2022.
2	Letter from the competent authority stating the impact of the proposed project on water bodies.	Letter from competent authority - Collectorate Tiruvallur District obtained for impact of the proposed project on water bodies in the name of land holder (Power of attorney in favour of Jurojin) in the form of NOC Ref – R. Dis. No. 8334/2020/B1 dated 28.10.2020. (Letter furnished during presentation).
3	NOC for flood inundation from the competent authority.	Letter from competent authority - Collectorate Tiruvallur District obtained for flood inundation in the name of land holder (Power of attorney in favour of Jurojin) in the form of NOC. Ref – R. Dis. No. 8334/2020/B1 dated 28.10.2020.

Based on the presentation and the details furnished by the project proponent, the SEAC decided to confirm the recommendation already made in 276th SEAC Meeting held on 21.5.2022.

Agenda No: 296-21

(File No: 9268/2022)

Proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 1 (Part) of Kallappalli Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu by M/s. The Executive

  
MEMBER SECRETARY  
SEAC -TN

44

  
CHAIRMAN  
SEAC- TN

Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli -  
For Environmental Clearance. (SIA/TN/MIN/273300/2022, Dt. 19.05.2022)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. 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, M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli has applied for Environmental Clearance for the proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 1 (Part) of Kallappalli Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further the PP shall furnish the following details during the site inspection.


1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

Agenda No: 296-22

(File No: 9282/2022)

Proposed sand quarry lease over an extent of 24.00.0 Ha at S.F.No. 214 (Part) and 234 (Part) of Virahalur Village, Lalgudi Taluk, Tiruchirappalli District - Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli for Terms of Reference (SIA/TN/MIN/77360/2022, Dt. 27.05.2022)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the

  
MEMBER SECRETARY  
SEAC -TN

45

  
CHAIRMAN  
SEAC -TN

proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The project proponent M/s, The Executive Engineer, Water Resources Department , Mining and Monitoring Division, Tiruchirapalli has applied for Terms of Reference for the proposed sand quarry over an extent of 24.00 Ha at S.F. No. 214 (Part) and 234 (Part) of Virahalur Village, Lalgudi Taluk, Tiruchirapalli District - Tamil Nadu.
2. The project/activity is covered under "B1" category 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 2 years. The mining plan is for the period of two years & the production should not exceed 7,68,000 Cu.m of Sand. The proposed depth of mining is 3.2m (2.2m above bed level + 1m below bed level).

Based on the presentation made by the proponent SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.
2. The PP shall carry out the study on drinking water scheme in 5 Km, either side of the bank of the River and the same shall be included in the EIA Report.
3. The details of the location to cover land use and ecologically sensitive areas.
  - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels . Quantity in the 500m radius from the boundary of the Mine lease Area .
  - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .

  
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SEAC- TN

- c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
  - d. Agricultural land if any, surrounding the quarry site.
  - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
  - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
- 4. Reclamation of the sand area after mining needs to be submitted.
  - 5. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
  - 6. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
  - 7. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
  - 8. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
  - 9. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
  - 10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
  - 11. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
  - 12. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area

  
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SEAC -TN

  
CHAIRMAN  
SEAC -TN

shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.

13. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.

14. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.

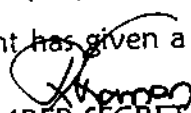
- i. The Following details also included in the EIA Report.  
Quantity estimated to be mined through machineries & manual mining with extent.
- ii. Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.
- iii. The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
- iv. The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
- v. Geological sections Map should be furnished.
- vi. 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc.

**Agenda No: 296-23**

**(File No: 9283/2022)**

**Proposed sand quarry lease over an extent of 20.00.0 Ha at S.F.No. 217 (Part) of Mangammalpuram Village, Lalgudi Taluk, Tiruchirapalli District - Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirapalli for Terms of Reference. (SIA/TN/MIN/77336/2022, Dt. 27.05.2022)**

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the

  
MEMBER SECRETARY  
SEAC -TN

48

  
CHAIRMAN  
SEAC- TN




proponent are given in the website (parivesh.nic.in).


SEAC noted the following:

1. The project proponent M/s. The Executive Engineer, Water Resources Department Mining and Monitoring Division, Tiruchirapalli has applied for Terms of Reference for the proposed sand quarry over an extent of 20.00 Ha at S.F. No. 217 (Part) of Mangammalpuram Village, Lalgudi Taluk, Tiruchirapalli District - Tamil Nadu.
2. The project/activity is covered under "B1" category of Item 1 (a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. 4. As per the mining plan, the lease period is for 2 years. The mining plan is for the period of two years & the production should not exceed 5,00,000 Cu.m of Sand. The proposed depth of mining is 2.5m (1.5m above bed level + 1m below bed level).

Based on the presentation made by the proponent SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.
2. The PP shall carry out the study on drinking water scheme in 5 Km, either side of the bank of the River and the same shall be included in the EIA Report.
3. The details of the location to cover land use and ecologically sensitive areas.
  - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
  - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .

  
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SEAC -TN

  
CHAIRMAN  
SEAC- TN

- c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
  - d. Agricultural land if any, surrounding the quarry site.
  - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
  - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining, etc., shall be furnished.
4. Reclamation of the sand area after mining needs to be submitted.
  5. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
  6. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
  7. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area).
  8. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
  9. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
  10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
  11. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
  12. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area

  
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SEAC -TN

  
CHAIRMAN  
SEAC- TN

shall be part of the EMP cost. variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.

13. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.

14. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.

- a) The Following details also included in the EIA Report.  
Quantity estimated to be mined through machineries & manual mining with extent.
- b) Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.
- c) The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
- d) The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
- e) Geological sections Map should be furnished.
- f) 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc.

**Agenda No: 296-24**

**(File No: 9291/2022)**

**Proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 256 and 257 (Part) of Sathamangalam (Ananthimedu) Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli - For Environmental Clearance. (SIA/TN/MIN/273300/2022, Dt. 19.05.2022)**

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the

  
MEMBER SECRETARY  
SEAC -TN

51

  
CHAIRMAN  
SEAC- TN

proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli has applied for Environmental Clearance for the proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 256 and 257 (Part) of Sathamangalam (Ananthimedu) Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

Agenda No: 296-25

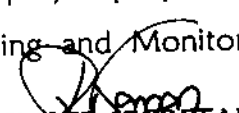
(File No: 9292/2022)

Proposed sand quarry lease over an extent of 4.90.0 Ha at S.F.No. 242 (Part) of Srinivasanallur Village, Thottiyam Taluk, Tiruchirappalli District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli - For Environmental Clearance, (SIA/TN/MIN/78415/2022, Dt. 17.06.2022)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. 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, M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli has applied for Environmental

  
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SEAC -TN

52

  
CHAIRMAN  
SEAC -TN

Clearance for the proposed sand quarry lease over an extent of 4.90.0 Ha at S.F.No: 242 (Part) of Srinivasanallur Village, Thottiyam Taluk, Tiruchirapalli District, Tamil Nadu.

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

Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

Agenda No: 296-26

(File No: 9330/2022)

Proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 320 (Part) of Valakurichi Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli - For Environmental Clearance (SIA/TN/MIN/278103/2022, Dt. 17.06.2022)


The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. 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, M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli has applied for Environmental Clearance for the proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 320 (Part) of Valakurichi Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

  
MEMBER SECRETARY  
SEAC -TN

53

  
CHAIRMAN  
SEAC -TN

Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

- I. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

**Agenda No: 296-27**

**(File No: 9337/2022)**

Proposed sand quarry lease over an extent of 16.00.0 Ha at S.F.No. 350 (Part) of Elakkurichi Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli for Terms of Reference. (SIA/TN/MIN/78415/2022, Dt. 17.06.2022)

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The project proponent M/s, The Executive Engineer, Water Resources Department , Mining and Monitoring Division, Tiruchirappalli has applied for Terms of Reference for the proposed sand quarry over an extent of 16.00 Ha at S.F. No. 350 (Part) of Elakkurichi Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under "B1" category 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 2 years. The mining plan is for the period of two years & the production should not exceed 3,20,000 Cu.m of Sand. The proposed depth of mining is 2m (1m above bed level + 1m below bed level).

Based on the presentation made by the proponent SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing subject to the following TORs, in


  
MEMBER SECRETARY  
SEAC -TN


54

  
CHAIRMAN  
SEAC-TN

addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:


1. The Project Proponent shall study and report in details of the “ Replenishment Study” as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.
2. The PP shall carry out the study on drinking water scheme in 5 Km, either side of the bank of the River and the same shall be included in the EIA Report.
3. The details of the location to cover land use and ecologically sensitive areas.
  - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
  - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .
  - c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
  - d. Agricultural land if any, surrounding the quarry site.
  - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
  - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
4. Reclamation of the sand area after mining needs to be submitted.
5. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
6. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

7. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
8. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
9. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
11. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
12. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.
13. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.
14. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.
  - a) The Following details also included in the EIA Report.  
Quantity estimated to be mined through machineries & manual mining with extent.
  - b) Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.

  
MEMBER SECRETARY  
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CHAIRMAN  
SEAC- TN



- c) The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
- d) The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
- e) Geological sections Map should be furnished.
- f) 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc

**Agenda No: 296-28**

**(File No: 9338/2022)**

**Proposed sand quarry lease over an extent of 10.00.0 Ha at S.F.No. 118/2 (Part) of C.Arasur Village, Kattumannarkoil Taluk, Cuddalore District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Villupuram for Terms of Reference. (SIA/TN/MIN/78189/2022, Dt. 11.06.2022)**

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

1. The project proponent M/s, The Executive Engineer, Water Resources Department , Mining and Monitoring Division, Villupuram has applied for Terms of Reference for the proposed sand quarry over an extent of 10.00 Ha at S.F. No. 118/2 (Part) of C.Arasur Village, Kattumannarkoil Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under "B1" category 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 1 year. The mining plan is for the period of one year & the production should not exceed 2,00,000 Cu.m of Sand. The proposed depth of mining is 2m (1m above bed level + 1m below bed level).


  
MEMBER SECRETARY  
SEAC -TN

57

  
CHAIRMAN  
SEAC -TN

Based on the presentation made by the proponent SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:


1. The Project Proponent shall study and report in details of the “ Replenishment Study” as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.
2. The PP shall carry out the study on drinking water scheme in 5 Km, either side of the bank of the River and the same shall be included in the EIA Report.
3. The details of the location to cover land use and ecologically sensitive areas.
  - a. Details of the open wells, bore wells, and other surface water bodies including the details of ground water levels , Quantity in the 500m radius from the boundary of the Mine lease Area .
  - b. Impacts of this mining activity in the above said water bodies in the 500m radius from the boundary of the Mine lease Area .
  - c. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed, quantification of the shoal formation in that area
  - d. Agricultural land if any, surrounding the quarry site.
  - e. Details of the longitudinal and cross section of the river bed in the proposed mining area.
  - f. Detail of earlier of mining carried out in the 500m radius of the mine lease area including the location, quantity of sand mined out, depth of the mining , etc., shall be furnished.
4. Reclamation of the sand area after mining needs to be submitted.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

5. Adequate plan for traffic management as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi for the loaded vehicles passing through nearby habitation.
6. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area.
7. Details of the structures available within 1km from the mine lease area boundary (both upstream and downstream and also Study the Impact of sand mining on the structures located in the said area .
8. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified.
9. Suitable working methodology to prevent dust pollution needs to be prepared taking wind direction into consideration.
10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
11. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted.
12. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP.
13. Since there are many proposals for sand mining under the River Coleroon. It is necessary to model the overall impact on sand mining on regional ground water.
14. The proposal for CER shall be furnished with time frame as per the office memorandum of MoEF&CC dated 01.05.2018.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

- a) The Following details also included in the EIA Report.  
Quantity estimated to be mined through machineries & manual mining with extent.
- b) Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch.
- c) The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site.
- d) The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished.
- e) Geological sections Map should be furnished.
- f) 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc

**Agenda No: 296-29**

**(File No: 9339/2022)**

**Proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 303 (Part) of Edanganni Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli - For Environmental Clearance. (SIA/TN/MIN/278239/2022, Dt. 14.06.2022)**

The proposal was placed in 296<sup>th</sup> SEAC meeting held on 16.07.2022. The project proponent has given a detailed presentation. 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, M/s. The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli has applied for Environmental Clearance for the proposed sand quarry lease over an extent of 4.95.0 Ha at S.F.No. 303 (Part) of Edanganni Village, Udayarpalayam Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of

  
MEMBER SECRETARY  
SEAC -TN

60

  
CHAIRMAN  
SEAC -TN

Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

1. The Project Proponent shall study and report in details of the " Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

## 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 Metalliferous 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.

  
MEMBER SECRETARY  
SEAC -TN

62

  
CHAIRMAN  
SEAC- TN

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, Tamil Nadu .
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 PP shall carryout the plantation as committed within one year after commencement of operation.
12. 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


  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

small/medium/tall trees alternating with shrubs should be planted in a mixed manner.


13. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with 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
14. **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.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN




16. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m 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 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 transport of rough 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. 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.
21. 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.
22. 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.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

23. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –II of these minutes.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

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


No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	வில்வம்
2	<i>Adenanthura pavonina</i>	Manjadi	மஞ்சாடி, 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	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathu	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
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 sweetenia</i>	Purasamaram	புரசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவுளி
18	<i>Creteva adansonii</i>	Mavalingum	மாவிலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உசா
21	<i>Diospyro sebenum</i>	Karungali	கருங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kalltchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆற்றுப்பூவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aavili	ஆயா மரம், ஆயில்
27	<i>Lannea coromandelica</i>	Odhiam	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	வில்லா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பிரம்பா, பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Mamilkara hexandra</i>	UllakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestre</i>	Eachai	எச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

MEMBER SECRETARY  
SEAC - TN

CHAIRMAN  
SEAC- TN

40	<i>Premna mollissima</i>	Murnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	தரு 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	வெண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	புல்வு
47	<i>Puthranjiva roxburghii</i>	Karipala	கறிபாலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புங்கன் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yettu	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தான் கொட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia bellerica</i>	Thandri	தாண்டரி
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	வாலசுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வெப்பலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்பூர்

  
MEMBER SECRETARY  
SEAC -TN


  
CHAIRMAN  
SEAC- TN

**Appendix-II**  
**Display Board**  
**(Size 6' x5' with Blue Background and White Letters)**

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகைம பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்  நடப்பட்டு பராமரிக்கப்படவேண்டிய மரங்கள் எண்ணிக்கை:	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் லூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பகைம பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாரும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியார்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வட்டியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.
	சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.
	சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.
	சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகைமப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.

  
MEMBER SECRETARY  
SEAC-TN

69

  
CHAIRMAN  
SEAC-TN