

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 266<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 27<sup>th</sup> April 2022 (Wednesday) 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: 266-1

(File No: 382/2021)

Proposed Township Development project at S.F.No. 51/1, 2, 3, 4, 5, 9A, 9B, 10, 52 / 2A, 2B, 2C, 3A, 3B, 53 / 2A1, 2A2, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 54 / 1, 2, 9A, 9B, 9C, 10, 11, 12, 13, 16, 17, 55 / 4A, 4B, 5, 6, 7, 8, 11, 12, 56 / 1, 2, 3, 4, 5, 6, 7A, 7B, 10, 11A, 11B, 12, 13, 14, 15, 57/ 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20A, 20B, 21, 22, 58/ 1A, 1B, 2A, 2B, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18, 59/ 5, 6, 7, 8, 9, 10, 14, 16, 17, 60 / 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18, 61 / 1, 2, 4, 6, 7A, 7B, 8A, 8B, 62 / 1, 2, 4A, 4B, 5, 6, 7, 8, 9, 10, 11A, 11B, 63 / 5A, 68 /1, 2A1, 2A3, 2A4, 69 / 1, 2, 3, 7, 8, 9, 10, 11A, 11B, 12, 13, 14, 15, 16, 17, 18A, 70 / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12A, 12B, 13A, 13B, 14A, 14B, 71 / 1, 2, 3, 4, 5, 8, 11, 72 / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 73 / 9, 10, 11, 12, 16, 18, 74 / 2, 3, 4, 5, 6, 75 / 5, 9, 10, 76/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 77/1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 16, 17, 18, 79/7, 8, 9A, 9B, 10, 11, 12, 13, 82/1, 2, 4, 5, 83/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 of Mambakkam Village, Sriperumbudur Taluk, Kanchipuram District, Tamil Nadu BY M/S.ETA Star Tech City (P) Ltd - For Environmental Clearance under violation category (SIA/TN/MIS/233979/2021,dated: 13.10.2021)

The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/S.ETA Star Tech City (P) Ltd has applied for Environmental Clearance for the Proposed Township Development project at S.F.No. 51/1, 2, 3, 4, 5, 9A, 9B, 10, 52 / 2A, 2B, 2C, 3A, 3B, 53 / 2A1, 2A2, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 54 / 1, 2, 9A, 9B, 9C, 10, 11, 12, 13, 16, 17, 55 / 4A, 4B, 5, 6, 7, 8, 11, 12, 56 / 1, 2,

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3, 4, 5, 6, 7A, 7B, 10, 11A, 11B, 12, 13, 14, 15, 57/ 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20A, 20B, 21, 22, 58/ 1A, 1B, 2A, 2B, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18, 59/ 5, 6, 7, 8, 9, 10, 14, 16, 17, 60 / 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18, 61 / 1, 2, 4, 6, 7A, 7B, 8A, 8B, 62 / 1, 2, 4A, 4B, 5, 6, 7, 8, 9, 10, 11A, 11B, 63 / 5A, 68 /1, 2A1, 2A3, 2A4, 69 / 1, 2, 3, 7, 8, 9, 10, 11A, 11B, 12, 13, 14, 15, 16, 17, 18A, 70 / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12A, 12B, 13A, 13B, 14A, 14B, 71 / 1, 2, 3, 4, 5, 8, 11, 72 / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 73 / 9, 10, 11, 12, 16, 18, 74 / 2, 3, 4, 5, 6, 75 / 5, 9, 10, 76/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 77/1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 16, 17, 18, 79/7, 8, 9A, 9B, 10, 11, 12, 13, 82/1, 2, 4, 5, 83/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Mambakkam Village, Sriperumbudur Taluk, Kanchipuram District, Tamil Nadu.

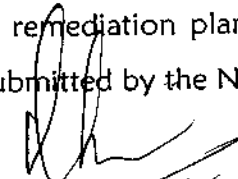
2. The project/activity is covered under category "B" of Item 8(a) "Building and Construction projects" of the schedule to the EIA Notification, 2006.
3. The proposal consists Block-1 (Basic amenities)- G+M+2 Floors, Block- 2 to 18 – S+4 Floors each – Total dwelling units- 770 with plot area – 2,12,095Sq.m and built up area – 67674Sq.m.
4. TOR issued under violation category issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.382/Violation/TOR-4795/2021 Dt: 09.10.2021.
5. Based on the site inspection carried out by the subcommittee on 18.10.2021, the additional ToR also granted vide SEIAA-TN vide Lr. No. SEIAA-TN/F.No.382/Violation/Addl TOR-4795/2021 Dt: 04.2.2022.

The details on the Ecological Damage Assessment, Remediation Plan, Natural Resources Augmentation and Community Resource Augmentation Plan prepared & submitted along with EIA report by the NABET consultant on behalf of the proponent as per the guidelines mentioned in the MoEF & CC Notifications dated:14.03.2017 and 08.03.2018.

The subject was placed in this 266th meeting of SEAC held on 27.4.2022 for appraisal for seeking Environmental clearance under violation.

The SEAC assessed the project based on ecological damage, remediation plan and natural & community resource augmentation plan prepared and submitted by the NABET

  
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consultant on behalf of the proponent as per the guidelines mentioned in the MoEF & CC Notifications dated:14.03.2017 and 08.03.2018. The cost extract from the report is as follows:

**1. Ecological Damage Assessment & Remediation plan**

S. No.	Ecological Damage Assessment	Remediation Plan	Cost	
			Amount spent (in lakhs)	Amount to be spent (in lakhs)
1	Loss of top soil in the construction area.	<ul style="list-style-type: none"> <li>• Top Soil Quantity of 1,031 m<sup>3</sup> was stored in earmarked area and utilised in greenbelt area.</li> <li>• There is no loss of top soil observed in the project site.</li> </ul>	12.3	-
2	Loss of Vegetation and habitats	<ul style="list-style-type: none"> <li>• The site was vacant land. Only ground shrubs were removed during the construction activity.</li> <li>• 15% of plot area (31,849 Sq.m) is earmarked for green belt development.</li> <li>• 2,700 Nos. of trees are planted in the earmarked area</li> </ul>	16.0	-
3	Changing /diverting course of natural drainage	<ul style="list-style-type: none"> <li>• Drainage system without altering the contour i.e., from the South West boundary towards the North East boundary is laid</li> <li>• No change in topography after the development</li> </ul>	4.2	-
4	Loss of area for ground water recharging (due to loss of area used for construction and paving of the areas).	<ul style="list-style-type: none"> <li>• Average annual runoff before construction is about 1,909 cum and after construction it is estimated to be about 3,033Cu.m from the project site.</li> <li>• 98 nos. of recharge pits are constructed along the drain as rainwater harvesting system</li> <li>• No ground water abstraction is carried out and water will be sourced through private tankers/local body.</li> <li>• Maintenance of storm water drain and recharge pit will be spent within a year after EC is accorded.</li> </ul>	9.8	1.3
5	Dust/Particulate matter emissions from	<ul style="list-style-type: none"> <li>• Stacking of all the construction materials was confined within the select areas of the project site.</li> </ul>	7.3	-

  
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	loading/unloading of building material and Pollution caused by vehicles transporting building material.	<ul style="list-style-type: none"> <li>• Frequent sprinkling of water on the road surfaces and on other areas where dust arises due to material handling.</li> <li>• Vehicles hired for bringing construction material were maintained in good operable condition and conform to air and noise emission standards prescribed by TNPCB/CPCB.</li> <li>• The vehicles were operated only during non-peak hours at site resulting in minimal vehicular emissions.</li> </ul>		
6	Noise emissions from the equipment / machinery	<ul style="list-style-type: none"> <li>• Personal Protective Equipment say helmets, mufflers etc. to the maintenance team</li> <li>• DG sets were installed with acoustic enclosures to maintain the noise levels.</li> <li>• Maintenance of DG sets will be spent within a year after EC is accorded.</li> </ul>	10.3	0.8
	Total Amount		59.9	2.1

## 2. Natural Resources Augmentation Plan

S.No.	Natural Resources Augmentation Plan	Cost
		Amount spent (in lakhs)
1	<p>Soil conservation:</p> <ul style="list-style-type: none"> <li>• The site during acquisition was vacant with ground shrubs.</li> <li>• The contour levels were mostly uniform with ranging from 0.25 m to 0.30 m.</li> <li>• The ground level was raised to match with the existing road level.</li> <li>• The excavated soil excluding the top soil was fully utilized for backfilling and level rising within the project premises.</li> <li>• Green belt with trees of native species consists of adequate spacing is planted in to prevent the soil erosion.</li> </ul>	3.3
2	<p>Water conservation:</p> <p>Water conservation fixtures like aerators, sensors are</p>	6.2


	installed to reduce the water conservation.	
3	Energy conservation measures: <ul style="list-style-type: none"> <li>• LED's has been installed for lighting the common areas and street lighting.</li> <li>• Solar panels (12 kVA) at roof top and solar street lights along the internal roads are installed.</li> </ul>	6
4	Recycling of waste: <ul style="list-style-type: none"> <li>• Construction debris was used for raising the level within the project.</li> <li>• Organic waste converter (OWC) installed for treating the biodegradable waste</li> <li>• Manure is being utilized for green belt development within the project premise which is improves the soil fertility.</li> </ul>	9.3
	<b>Total Amount</b>	<b>24.8</b>

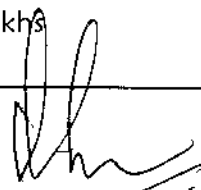
### 3. Community Resource Augmentation Plan

Community Resource Augmentation Plan	Cost
	Amount spent (in lakhs)
Water conservation in the project: Installation of overhead tank along with dual plumbing system Recycling of sewage for toilet flushing and greenbelt development.	37.0
<b>Total Amount</b>	<b>37.0</b>

### 4. CER Activity

CER Activity	Description of CER Activity	Budgetary Allocation (in Lakhs)
	Providing Dialysis machine -2 Nos in Urban Health Centre in Greater Chennai Corporation Limit	200 Lakhs

  
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Further, the SEAC classified the level of damages by the following criteria:

**1. Low level Ecological damage:**

- a. Only procedural violations (started the construction at site without obtaining EC)

**2. Medium level Ecological damage:**

- a. Procedural violations (started the construction at site without obtaining EC)
- b. Infrastructural violation such as deviation from CMDA/local body approval.
- c. Non operation of the project(not occupied).

**3. High level Ecological damage:**

- a. Procedural violations (started the construction at site without obtaining EC)  
Infrastructural violation such as deviation from CMDA/local body approval.
- b. Under Operation (occupied).

Level of damages	Ecological remediati on cost (% of project cost)	Natural resource augmentati on cost (% of project cost)	Community resource augmentati on cost (% of project cost)	CER (% of project cost)	Total (% of project cost)
Low level Ecological damage	0.25	0.10	0.15	0.25	0.75
Medium level Ecological damage	0.35	0.15	0.25	0.5	1.25
High level Ecological damage	0.50	0.20	0.30	1.00	2.00

Under the above circumstance, the SEAC has assessed that it is only procedural violations (started the construction at site without obtaining EC) and Under Operation (occupied) hence, it is a High level Ecological damage.

Total Project cost – 123.88 Crores

  
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Level of damages	Ecological remediati on cost (% of project cost)	Natural resource augmentati on cost (% of project cost)	Community resource augmentatio n cost (% of project cost)	CER (% of project cost)	Total (% of project cost)
High level Ecological damage	0.50	0.20	0.30	1.00	2.00
Proponent allocation	62 Lakhs	24.8 lakhs	37 Lakhs	200 lakhs	

Hence, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria.

The total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 123.8 lakh arrived by the EIA coordinator which is equal to 1% of the project cost of Rs. 123.89 crore and SEAC accepted the same. SEAC also accepted the amount of Rs. 200 lakh allotted for CER activities by the proponent.

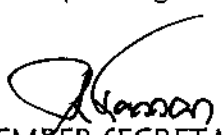
The SEAC observed that the proposed Township Development project at S.F.No. 51/1, 2, 3, 4, 5 etc., Mambakkam Village, Sriperumbudur Taluk, Kanchipuram District, Tamil Nadu by M/S.ETA Star Tech City (P) Ltd is categorized under the "High level ecological damage category". The Committee decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to the normal conditions:

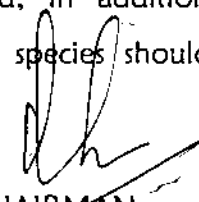
1. As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority and the bank guarantee shall be deposited.

  
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2. Accordingly, the amount prescribed for Ecological remediation (Rs.62 lakh, natural resource augmentation(Rs.24.8 lakh)& community resource augmentation (Rs. 37 lakhs ), totaling Rs. 123.8 lakh. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 123.8 lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit acknowledgment of the same to SEIAA-TN. The funds shall be utilized for the ecological damage remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report
3. The proponent shall obtain fresh water supply commitment letter and disposal of excess treated sewage from local body before obtaining CTO
4. The project proponent shall provide sewage treatment plant 2000 KLD and treated water shall be utilized for flushing and green belt proposed. The excess treated water shall be utilized for Avenue plantation after obtain necessary permission from local body.
5. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non-Biodegradable waste to authorized recyclers as committed.
6. The height of the stacks of DG sets shall be provided as per the CPCB norms.
7. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. To TNPCB before obtaining CTO.
8. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
9. The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
10. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be


  
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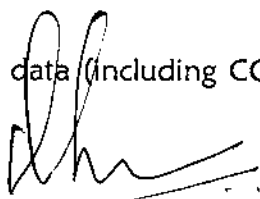
  
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planted as given in the **appendix-I**, in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed off in any other way other than the approved one.
17. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
18. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
19. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
20. The project proponent shall measure the criteria air pollutants data (including CO)

  
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due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.

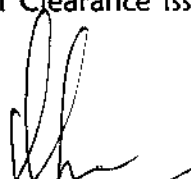
21. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
22. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
24. The proposed CER amount of Rs. 200 lakh shall be spent as committed before the issue of Environmental Clearance.
25. The project proponent shall submit the proof for the action taken by the state Government/TNPCB against project proponent under the provisions of section 19 of the Environment (Protection) Ac, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
26. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance.
27. Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arises.

Agenda No: 266-2

(File No: 3297/2021)

Proposed expansion of existing Steel Rolling Mill at SF.No. S.F.No. 251/1,2, 277/1A1, 1A2, 1B1, 1B2, 1C1, 1C2, 1D1, 1D2, 1E, 277/2, 278/1 A, 1B, 1C, 1D, 285/1 A, 286/ 1,2,3,4,5,6,7 & 287/1, Kalukondapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s Indus TMT Industries Limited - For amendment in Environmental Clearance issued (SIA/TN/IND/252026/2022, dated: 18.01.2022)

  
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The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s Indus TMT Industries Limited has applied for amendment in the Environmental Clearance issued for the Proposed expansion of existing Steel Rolling Mill at S.F.No. 251/1,2, 277/1A1, 1A2, 1B1, 1B2, 1C1, 1C2, 1D1, 1D2, 1E, 277/2, 278/1 A, 1B, 1C, 1D, 285/1 A, 286/1, 2, 3, 4, 5, 6, 7 & 287/1, Kalukondapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 3(a) "Metallurgical Industries (ferrous & non ferrous) of the schedule to the EIA Notification, 2006.
3. Earlier, the PP has obtained Environmental Clearance vide Lr. No. SEIAA/TN/F.3297/EC/3(a)/48/2015 dated 14.06.2017 for the following:
  - a. Steel Bars and Rods -145000 TPA
  - b. M.S. Billets -156000 TPA
4. Now the Proponent has applied seeking Amendment to the aforesaid Environmental Clearance and has furnished the following reason:

*"M/s. Indus TMT Industries Limited has obtained Environmental Clearance for the manufacturing of TMT rods and a total plot area of 25.64 acres. Now the unit will plan to remove 1.13 acres from existing premises and provide for leasing. Hence the unit is applied for the EC Amendment for 24.51 acres"*

Description	As per EC vide Lr Dt. 14.06.2017	Amendment sought
Total Area	25.64 Acres	24.51 Acres

The proposal was placed in this 266<sup>th</sup> SEAC Meeting held on 27.4.2022. During the meeting the Committee noted that neither NABET accredited consultant nor the PP not present. SEAC therefore decided to defer the proposal.

  
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Agenda No: 266-3

(File No: 5051/2021)

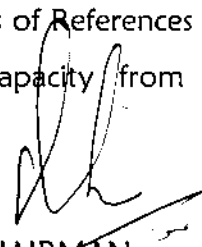
Proposed Expansion of Silicones and silicone derivatives from 1104 MT/M to 3029 MT/M at B-3, SIPCOT Industrial Growth Centre, Oragadam village, Sriperumpudur Taluk, Kanchepuram by M/s. Momentive Performance Materials (India) Pvt. Ltd for Environmental Clearance (SIA/TN/IND2/26805/2016, dated: 01.06.2018).

The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent M/s. Momentive Performance Materials Pvt.Ltd has applied for seeking environmental clearance with EIA report to SEIAA-TN on 26.07.2018 for proposed expansion of Silicones and Silicone derivatives manufacturing plant by M/s. Momentive Performance Materials Pvt.Ltd located at B-3, SIPCOT Industrial Growth Centre, Oragadam Village, Sriperumbudur Taluk, Kancheepuram District.
2. The project/activity is covered under Category "B1" of Item 5(f) "Synthetic Organic Chemical" of the Schedule to the EIA Notification, 2006.
3. The total site area is 61107 sq.mts (15.10 acres) and the built up area is 17042 sq.m.
4. First Environment Clearances was obtained from MoEF&CC for the production capacity of 917 MT/Month on 01.04.2008.
5. Second Environment Clearances was obtained from MoEF&CC for the expansion in the production capacity from 917 MT/Month to 1104 MT/Month on 07.12.2012.
6. The proponent has submitted the compliance report from the regional office, MoEF&CC, Chennai for the environment Clearances accorded by MoEF&CC on 07.12.2012.
7. The project proponent has applied and obtained Terms of References from SEIAA-TN for the expansion in the production capacity from 1104 MT/Month to 3029 MT/Month on 30.05.2017.

  
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8. The proponent has applied along with EIA report with the compliance report of ToR to SEIAA-TN.

Earlier, this proposal was placed in the 123<sup>rd</sup> SEAC Meeting held on 21.12.2018. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal for want of following details:

1. Concurrences order from the SIPCOT for the expansion capacity within the SIPCOT as per the Terms of Reference issued to the unit.
2. Water balance for the existing project and revised water balance for proposed project and after expansion of project(i.e. total water balance after expansion)
3. Iso Propyl Alcohol (IPA) handling details for existing, proposed and after expansion of project. How the used solvents are recovered & reused and disposed as spent solvent.
4. The proposed expansion is very less. Then, Why the domestic use of water is doubled for the proposed expansion (i.e from 11 KLD to 22 KLD) . The proponent shall clarify the same.
5. The detail about salt handling in the MEE shall be furnished.
6. Performance of the existing STP, ETP, Air pollution control measures and solid waste handling methodology shall be furnished.
7. Authenticated production detail for last 3years.
8. Water requirement per unit or per kg of product shall be furnished.
9. Concern letter from SIPCOT for water supply for the existing and proposed activity.
10. Hydro Carbon and Volatile Organic Chemicals (VOC) monitoring data shall be furnished.
11. What are the pollutant present in the effluent and characteristics of the effluent?
12. Consolidated ROA of stack/AAQ monitoring data of TNPCB.

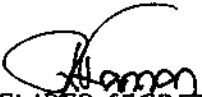
  
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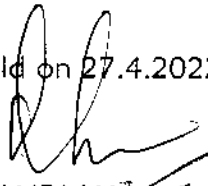
  
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13. The proponent shall furnish the necessary NOC from the competent authorities to store and handle the various solvents (for both existing and proposed) in the unit premises.
14. The unit shall provide the detail of Hazardous waste disposal details for the last five years with authenticated proof.
15. Greenbelt development area with GPS Co-ordinates of all corners of the greenbelt area to compare the area of greenbelt mentioned in the plant layout. Also with the no. of species, name and suitability for the local area as per CPCB guidelines for green belt development.
16. Furnish the GPS Co-ordinates of all corners of the boundary of the site.
17. The unit shall furnish the adequacy report for the all the existing/proposed STP & ETP obtained from the reputed Institution like IIT /Anna University / NEERI or any other reputed government institutions.
18. The proponent shall furnish the detailed report for the solutions which are used or proposed to use (i.e both existing and proposed) in the scrubber to remove the toxic components present in the processes emission.
19. The proponent shall furnish the Report of Analysis of AAQ survey, stack survey, VOC monitoring conducted by TNPCB for the last 3years.
20. The proponent shall furnish the Report of Analysis of the inlet and outlet of STP and ETP for all the organic components, heavy metals and other standard parameters from the NABL accredited Lab.
21. Environmental Cell details shall be provided with Designation and Qualification.
22. Periodic health check up report about the silicone exposure and other chemicals which are used in the industry for the employees for the last 5 years shall be furnished.

The project proponent has furnished the reply vide letter dated 18.08.2021. The subject was again been placed in the 261<sup>st</sup> SEAC meeting held on 07.04.2022. During the meeting SEAC noted that, the EIA Co-coordinator was not available to present the project. Hence the SEAC decided to defer the proposal.


The subject was again placed in this 266th meeting of SEAC held on 27.4.2022 for

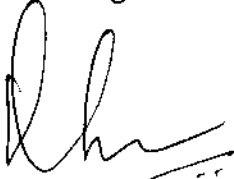
  
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appraisal for seeking environmental clearance. During the meeting the PP has made the re presentation along with the above clarification raised by the 123<sup>rd</sup> SEAC meeting. Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC:

1. The project proponent shall provide the Green belt area not less than 33.3% of the land area all along the periphery of the unit and maximum green belt shall be maintained in the down wind direction as reported. Selection of plant species shall (As per Appendix-1).
2. The project proponent shall operate and maintain the existing Sewage treatment Plant of capacity 11 KLD <sup>and Proposed 11 KLD</sup> and Effluent treatment plant of capacity 70 KLD effectively to meet out the standards prescribed by the CPCB/TNPCB.
3. Necessary permission letter for the supply of water shall be obtained from the competent authority before obtaining CTO from TNPCB.
4. The effluent generated from the process should be treated through the ETP to achieve the treated effluent standards prescribed by the CPCB/TNPCB.
5. The proponent shall ensure the zero-liquid discharge.
6. The proponent shall continuously operate and maintain adequate Air-pollution control measures for the process area.
7. The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
8. The proponent shall obtain and maintain valid safety licenses for the concerned department for boiler, solvent/fuel/raw material storage areas etc.
9. The proponent shall ensure that the area earmarked for the boiler, further the proponent may submit the safety measures on the same to TNPCB before obtaining CTO.
10. The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for the handling and disposal of Hazardous waste to be generated.

  
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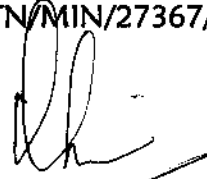
11. The proponent shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/ equipment/utilities for operation & maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.
12. A detail report on the safety measure and health aspects including periodical audiometry, pulmonary lung function etc. test reports once in a year for all the workers shall be submitted to TNPCB.
13. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
14. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
15. The CER cost is Rs. 40 lakhs and the amount shall be spent for activities of (1) Providing/Improving basic infrastructures like Ladies Toilet, classrooms, sanitation facilities, sanitary napkin dispenser, napkin incinerator, Compound wall, Tree plantation (as per appendix-I) at Govt Girls School in Sriperumbudur Taluk, through Dreamz Foundation Trust (NGO), (2) Providing safe drinking water facility RO Plant -1000 L/Hr capacity at Vaipur Village before obtaining CTO from TNPCB.

Agenda No: 266-4

(File No: 6368/2020)

Proposed Limestone Mine lease over an extent of 24.32.5Ha Limestone Mine (G.O. 739) in S.F.No. 502, 503, 512, 513, 516/1, 2, 3, 4, 5, 6, 7, 517, 518/1, 2, 3, 4, 5 & 6, Pandaputi Vitlage, Sankarankovil Taluk, Tirunelveli District Tamil Nadu by Tamilnadu Cements Corporation LTD for Environmental Clearance (SIA/TN/MIN/27367/2018 Dt.19.9.2020.

  
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The proposal was placed in this 266<sup>th</sup> SEAC Meeting held on 27.4.2022. During the meeting the Committee noted that the NABET accredited consultant was not present, SEAC therefore decided to defer the proposal and call for the reason for not attending the meeting.

Agenda No: 266-5  
(File No: 6802/2021)


Proposed gravel quarry lease area over an extent of 2.12.0Ha at S.F.No 221/1,221/2,221/3,221/4 &221/5, Sethurapatti Village, SrirangamTaluk, Tiruchirappalli District by Thiru.M. Rajasekar-For Environmental Clearance (SIA/TN/MIN/35648/2019, dated:03.07.2019)

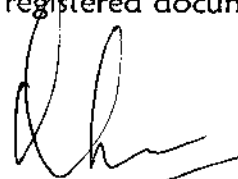
The proposal was placed for appraisal in this 266<sup>th</sup>meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.M. Rajasekar has applied for Environmental Clearance for Proposed gravel quarry lease area over an extent of 2.12.0Ha at S.F.No 221/1,221/2,221/3,221/4 &221/5, Sethurapatti Village, SrirangamTaluk, Tiruchirappalli 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 3 years. The production for 3 years not to exceed –27030 m3 of gravel . The Annual peak production as per mining plan is 9132 m3 of gravel (3<sup>rd</sup> year) with proposed depth of 2m(BGL).
4. Earlier, this proposal was placed before 131<sup>st</sup> meeting of SEAC held on 6.5.2019. Based on the presentation and documents furnished by the project proponent, SEAC decided to call the following details from the PP.

- The lease deed submitted by the project Proponent is not registered. Hence, the lease deed executive between owner and the lessee should be registered with the lease period and copy of the registered document should be submitted.

  
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SEAC -TN

  
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SEAC- TN

- Two ponds namely poolan Kulam and Eaagudikulam are located adjacent to the project site. Hence, the project Proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided.
- Agricultural lands and few houses are located within 300 m from the water bodies. The mitigation measures proposed to protect the agriculture activity and the house should be studied in detail and furnish the same.
- The copy of the Ownership document of patta/ sale deed for the 5.F.No.221/2,221/3,221/4 &.221/5 proposed in the application should be furnished.
- The project proponent has not furnished the letter obtained from AD/DD mines in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines. Tirunelveli District in the format.

The subject was again placed in this 266th meeting of SEAC held on 27.4.2022 for appraisal for seeking Environmental clearance. During the meeting the PP has made the re presentation along with the above clarification raised by the 131<sup>st</sup> SEAC meeting. Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority from time to time, subject to a maximum of thirty years, whichever is earlier.

  
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SEAC - TN

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

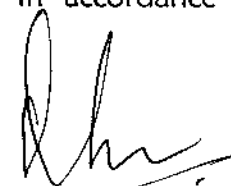
noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.

8. 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.
9. 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-I** in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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
11. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
12. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
13. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
14. 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.

15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.

  
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SEAC- TN

22. 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.
23. 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.
24. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
25. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
26. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project as per Appendix -II of these minutes
27. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
28. As accepted by the Project proponent the revised CER cost is Rs. 0.5 lakhs and the amount shall be spent for providing hand pump for water supply in Sethurapatti Village, Tiruchirapalli District, before obtaining CTO from TNPCB.

Agenda No: 266-6

(File No: 6817/2021)

Existing grey granite quarry lease area over an extent of 1.21.0 Ha at S.F.No 116/1 (P), Ikondamkothapalli Village, Bargur Taluk, Krishnagiri District by Thiru. T.Ekambavanan -For Environmental Clearance amendment (SIA/TN/MIN/180384/2020, dated:23.10.2020)

  
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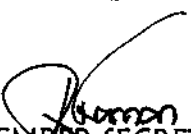
The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. T.Ekambavanan has applied for amendment in the Environmental Clearance issued for the existing grey granite quarry lease area over an extent of 1.21.0 Ha at S.F.No 116/1 (P), Ikondamkothapalli Village, Bargur 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 (as per approved scheme mining 2016-17 to 2020-21) not to exceed -ROM - 31186 m<sup>3</sup> & 9356M<sup>3</sup> grey granite. The Annual peak production as per scheme is 2994 m<sup>3</sup> of grey granite (5<sup>th</sup> year) with proposed depth of 26m(BGL).
4. The PP has issued with Environmental clearance vide Lr No. SEIAA-TN/F.No. 6817/1(a)/EC.No. 4073/2019 Dt. 19.11.2019.
5. Now the PP has furnished the revised scheme of mining for the period 2021-22 to 2025-26 not to exceed -ROM - 30336 m<sup>3</sup> & 9100M<sup>3</sup> grey granite. The Annual peak production as per scheme is 1961 m<sup>3</sup> of grey granite (2<sup>nd</sup> year) with ultimate depth of 31m(BGL) and requesting for Extension of validity Environmental clearance issued.

This proposal was placed before 266<sup>th</sup> SEAC meeting held on 27.4.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following additional details from the PP.

1. The project proponent shall furnish a letter from DFO indicating the details of nearest Reserve Forest (Thogappalli) and its distance with respect to the project site.

  
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Agenda No: 266-7  
(File No: 7146/2021)

Proposed gravel quarry lease area over an extent of 1.91.0 Ha at S.F.No .253/3A & 253/3B Rangiyam Village, Andimadam Taluk, Ariyalur District by Thiru. R.Thirumoorthy -For Environmental Clearance (SIA/TN/MIN/42113/2019, dated:09.09.2019)

The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Thirumoorthy has applied for the Environmental Clearance for proposed gravel quarry lease area over an extent of 1.91.0 Ha at S.F.No 253/3A & 253/3B Rangiyam Village, Andimadam Taluk, Ariyalur 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 3 years. The production for 3 years not to exceed -9146 m<sup>3</sup> of Gravel . The Annual peak production as per mining plan is 3071 m<sup>3</sup> of gravel (1<sup>st</sup> & 2<sup>nd</sup> year) with proposed depth of 2m(BGL).

Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

*"... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".*

The Committee noted that the Siluvaicherry Reserve Forest is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

  
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Agenda No: 266-8  
(File No: 7434/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.17.0 Ha at S.F.No 277/1C1A(Part) and 277/1B(Part), Servaikkaranpalayam Village, Pollachi Taluk, Coimbatore District by Thiru. P. Shanmugavadivelu-For Environmental Clearance amendment (SIA/TN/MIN/140952/2020, dated:11.02.2020)


The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. P. Shanmugavadivelu has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.17.0 Ha at S.F.No.277/1C1A(Part) and 277/1B(Part), Servaikkaranpalayam 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 for 5 years not to exceed -125475 m<sup>3</sup> of Rough stone and 8052 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 27825 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) & 2706m<sup>3</sup> of gravel (2<sup>nd</sup> & 3<sup>rd</sup> year) with ultimate depth of 36m(BGL).
4. Earlier, this proposal was placed in 157<sup>th</sup> SEAC meeting held 20.6.2020, during the meeting the PP has not turned up for the meeting.

This proposal was again placed before 266<sup>th</sup> SEAC meeting held on 27.4.2022. The Project proponent made a presentation along with reason for absent on previous meeting.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

  
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1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School located in Servaikkarapalayam Village before obtaining CTO from TNPCB

Government Middle School, Nagoor Village, Coimbatore District
1. Construction/renovation of Girls/boys toilet with 24/7 water facility 2. Installation of incinerator for safe disposal of sanitary napkin in girls toilet 3. Tree plantation (see appendix-I) 5. Books to school library on environment.

Agenda No. 266-09

(File No.7544/2020)

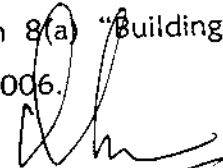
Proposed Expansion project of TNTPO (Chennai Trade Centre) in S.F.Nos.52/2,53/2A,53/2B,54,55,56,57/1,57/2,58,59,81,84,85,86,87,93/1,93/2,93/3(PART),93/4,103,104,105,106,107&108 of Nandambakkam Village, Alandur Taluk, Kancheepuram District, Tamil Nadu by M/s. Tamil Nadu Trade Promotion Organization – For Environmental clearance (SIA/TN/MIS/150701/2020, dated: 24.07.2020)

The proposal was placed in this 266<sup>th</sup> held on 27.4.2022. 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:

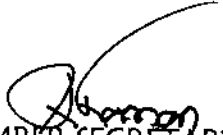
1. The Proponent, M/s.TamilNadu Trade Promotion Organization has applied for Environmental clearance for the Proposed Expansion project in S.F.Nos.52/2, 53/2A, 53/2B, 54, 55, 56, 57/1,57/2, 58, 59, 81, 84, 85, 86, 87, 93/1, 93/2, 93/3(PART), 93/4, 103, 104, 105, 106, 107 & 108 of Nandambakkam Village, Alandur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 8(a) “Building & Construction Projects” of the Schedule to the EIA Notification,2006.

  
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3. The total built up area – 1,11,001 Sq.m (existing – 25,455 Sq.m + proposed- 85,546 Sq.m) with total plot area – 1,37,775 Sq.m.
4. Earlier, it was placed in 170<sup>th</sup> SEAC Meeting held on 13.08.2020 and SEAC noted that on initial scrutiny of the application of the SEIAA office, it was noticed that the proponent has not furnished the copy of lease deed made with TIDCO. The proponent has reported that the lease is not yet executed. Hence, the project proponent is requested to furnish the registered document in the name of the applicant. Further considering the 2015 floods, the area is more vulnerable for flooding. On receipt of the above details, the SEAC would take for the further course of action on the proposal.
5. The project proponent has furnished the reply vide letter dated 29.11.2021, subsequently the proposal placed for appraisal in this 246<sup>th</sup> meeting of SEAC held on 17.02.2022. Based on the presentation made and documents furnished by the Project proponent, SEAC decided to call for additional details based on the following points observed during the presentation.
- The project proponent shall submit feasibility report for expansion activity.
  - The project proponent shall submit RoA of existing STP for the last two years.
  - There was lack of clarity regarding flood mitigation measures proposed. While the EIA coordinator said that the proposed measures included construction of buildings on stilts, the proponent, who was present, intervened and stated that there was no proposal for stilts and it was proposed to raise the ground above flood level. This revealed that there was no proper consultation between the EIA coordinator and the proponent. The EIA coordinator should visit the site, reexamine the flood mitigation measures in consultation with the proponent and PWD authorities and submit a special report.

Based on the reply furnished, the subject was again been placed in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022 for appraisal for seeking Environmental clearance. During the meeting the PP has made the re presentation along with the above clarification

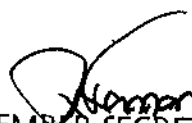
  
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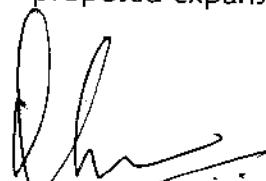
  
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raised in earlier SEAC meeting. Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC

1. The proponent shall obtain fresh water supply commitment letter and disposal of excess treated sewage from CMWSSB before obtaining CTO
2. The project proponent shall provide sewage treatment plant of capacity 250 KLD in addition to that existing 250 KLD STP and treated water shall be utilized for flushing and green belt proposed. The excess treated water shall be let-out through CMWSSB Sewer line.
3. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non-Biodegradable waste to authorized recyclers as committed.
4. The height of the stacks of DG sets shall be provided as per the CPCB norms.
5. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. To TNPCB before obtaining CTO.
6. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
7. The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
9. 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-I, in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

10. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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
11. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
12. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
13. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
14. No waste of any type to be disposed off in any other way other than the approved one.
15. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
16. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
17. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
18. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
19. The project proponent shall provide solar panels in the roof of proposed expansion buildings.

  
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SEAC- TN

20. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.

21. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.


22. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance.

23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the same as committed.

24. The proposed CER amount of Rs. 75 lakh shall be spent the following activities before obtaining CTO from TNPCB.

S. No	CER Activity
1	Provision of solar powered smart class, infrastructure, Environmental books for library (in Tamil language), greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin for Government Primary School, Adambakkam – 2.68 km, SE
2	Provision of solar powered smart class, infrastructure, Environmental books for library (in Tamil language), greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin for Government Higher Secondary School, Velachery – 4.37 km, SE
3	Provision of solar powered smart class, infrastructure, Environmental books for library (in Tamil language), greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture for Government Boys Higher Sec. School, Ramapuram – 1.69 km, NE
4	Provision of solar powered smart class, infrastructure, Environmental books for library (in Tamil language), greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin for Government High School – Mugalivakkam – 2.57 km, NE
5	Provision of solar powered smart class, infrastructure, Environmental books for library (in Tamil language), greenbelt facilities and basic amenities such as safe drinking water, Hygienic Toilets facilities, furniture & napkin for Government higher secondary school, Ramapuram – 2.09 km, NE

  
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Agenda No: 266-10  
(File No: 7718/2021)

Proposed rough stone quarry lease area over an extent of 4.34.0 Ha at S.F.No. 15/1, T.Nallalam Village, Marakkanam Taluk, Villupuram District by Thiru.N.Madeswaran -For Environmental Clearance amendment (SIA/TN/MIN/72483/2020, Dt. 22.02.2022)

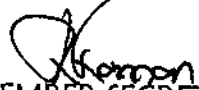
The proposal was placed for appraisal in this 266<sup>th</sup> meeting of SEAC held on 27.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.N.Madeswaran has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 4.34.0 Ha at S.F.No. 15/1, T.Nallalam Village, Marakkanam Taluk, Villupuram District by Thiru.N.Madeswaran, Tamil Nadu. It is a Govt. Poromboke land.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed -507270 m<sup>3</sup> of Rough stone and 8164 m<sup>3</sup> of top soil. The Annual peak production as per mining plan is 101610 m<sup>3</sup> of Rough stone (4<sup>th</sup> year) with ultimate depth of 46m(BGL).
4. The PP has issued with ToR vide r No. SEIAA-TN/F.No.7718/SEAC/ToR/-816/2020 Dt. 11.11.2020

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority from time to time, subject to a maximum of thirty years, whichever is earlier.

  
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2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
5. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government School located in T.Nallakulam Village, Villupuram District before obtaining CTO from TNPCB

Government School, T.Nallakulam Village, Villupuram District	
1.	Construction/renovation of Girls/boys toilet with 24/7 water facility.
2.	Provision of R O water.
3.	Tree plantation (see appendix-I).
4.	Books to school library on environment.

  
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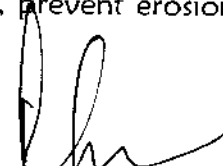
  
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## ANNEXURE - I

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and 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.
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

  
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surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.

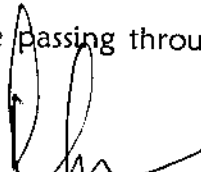
7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project proponent shall 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 purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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

  
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13. Noise and Vibration Related: (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 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.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the

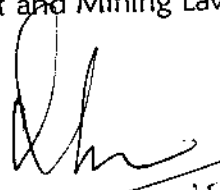
  
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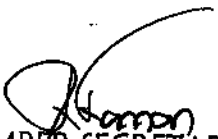
schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and 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.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.

  
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25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The Project proponent shall 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.
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

  
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## Appendix -I

### List of Native Trees Suggested for Planting

1. *Aeglemarmelos*-Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebbeck*-Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*- Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, Manjallavu
17. *Cordiadichotoma*- Mookuchalimaram
18. *Cretevaadansonii*-Mavalingum
19. *Dilleniaindica*- Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*- Vaganai
23. *Ficusamplissima*- Kalltchi
24. *Hibiscus tiliaceous*-Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhucalongifolia* - Illuppai
33. *Manilkarahexandra*-UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens*-Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamiapinnata*-Pungam
40. *Premnamollissima*- Munnai

41. *Premnaserratifolia*- Narumunnai
42. *Premnatomentosa*-PurangaiNaari, PudangaNaari
43. *Prosopiscinerea* - Vannimaram
44. *Pterocarpusmarsupium* - Vengai
45. *Pterospermumcanescens*-Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii*-Puthranjivi
48. *Salvadorapersica*- UgaaMaram
49. *Sapindusemarginatus*- Manipungan, Soapukai
50. *Saracaasoca* - Asoca
51. *Streblusasper*- Pirayamaram
52. *Strychnosnuxvomica*-Yetti
53. *Strychnopotatorium* - TherthangKottai
54. *Syzygiumcumini* - Naval
55. *Terminaliabellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliate* - Sandhanavembu
58. *Thespesiapopulnea*- Puvarasu
59. *Walsuratrifoliata*-valsura
60. *Wrightiatinctoria*- Vep

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

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நியந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEAC:----- தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
	சுரங்கப்பாணதயின் 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.
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாசுபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியார்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுரங்கமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலைகளைத் 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 பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நியந்தனைகளை அறிய பாரிவேஷம் ( <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 பொறுப்பாளரை அணுகவும்.	

  
MEMBER SECRETARY  
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