

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 286th Meeting of the State Expert Appraisal Committee (SEAC) held on 17th June 2022 (Friday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects.

Agenda No: 286-01

(File No: 7901/2020)

Proposed Gravel quarry lease area over an extent of 3.38.0 Ha at S.F.Nos. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B & 240/9 of Thethampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by Thiru.M.Rajkumar - For Environmental Clearance. (SIA/TN/MIN/175523/2020, dated: 29.09.2020).

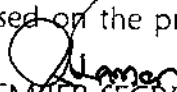
The project proposal was placed in the 286th SEAC meeting held on 17.6.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following

1. The project proponent, Thiru.M.Rajkumar has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 3.38.0Ha at S.F.No. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B & 240/9 in Theethampatti Village, Kayathar Taluk, Thoothukudi 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 approved mining plan, the mine lease period is Three years. The mining plan is for the period of Three years and the total production not exceed 32340 Cu.m of gravel with ultimate depth – 2m.

Earlier this proposal was placed in 195th SEAC meeting held on 27.01.21, 204th SEAC meeting on 25.02.21, 225th SEAC meeting on 13.08.21, 436th SEIAA meeting held on 30.03.2021 & 464th Authority meeting held on 27.09.2021. The details of the minutes are given in the website (parivesh.nic. in).

Recently, this proposal was placed before 259th SEAC meeting held on 31.3.2022. Based on the presentation & details furnished by the proponent SEAC has recommended


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the proposal to grant Environmental Clearance subject to the certain conditions as stated therein.

Subsequently, it was placed before 505th SEIAA meeting held on 9.5.2022 and after detailed discussions, the Authority decided to refer back the proposal to SEAC for re appraisal.

The proposal now placed for reappraisal in this 286th meeting of SEAC held on 17.6.2022. The Project proponent has made the re-representation along with clarification for the above shortcomings observed by the SEIAA is as follows.

Sl.No	Query raised by SEIAA	Reply furnished by the PP																				
1	The proponent shall furnish revised mining plan obtained from the AD/DD, G&M, Department in regard to revised mining area including survey nos. with production quantity recommended by SEAC	As per the approved mining plan (1) the lease area is 3.38 ha (2) the mining area is 1.62 ha and (3) the quantity of Gravel to be mined is 32340m ³ up to 2m depth for a period of 3 years. SEAC has recommended EC for the same area and quantity and therefore, there is no need for revised mining plan.																				
2	The proponent shall furnish details of how was the quantity arrived.																					
3	The proponent shall furnish details of survey nos. with production quantity in regard to the proposed & revised mine lease area as recommended by SEAC.	<p>As such EC for removal of 32340m³ of gravel up to 2m depth for 3 years period in the 1.62 ha of mining area within the lease area of 3.38 ha as per the approved mining plan, as per EC application is requested.</p> <table border="1"> <thead> <tr> <th>Sl.No</th><th>SF.No</th><th>Lease area in Ha</th><th>Mine area in Ha</th></tr> </thead> <tbody> <tr> <td>1</td><td>237/5</td><td>0.26.0</td><td>0.12.0</td></tr> <tr> <td>2</td><td>238/1</td><td>0.80.0</td><td>0.49.0</td></tr> <tr> <td>3</td><td>238/2A</td><td>0.38.0</td><td>0.22.0</td></tr> <tr> <td>4</td><td>238/2B</td><td>0.38.0</td><td>0.04.0</td></tr> </tbody> </table>	Sl.No	SF.No	Lease area in Ha	Mine area in Ha	1	237/5	0.26.0	0.12.0	2	238/1	0.80.0	0.49.0	3	238/2A	0.38.0	0.22.0	4	238/2B	0.38.0	0.04.0
Sl.No	SF.No	Lease area in Ha	Mine area in Ha																			
1	237/5	0.26.0	0.12.0																			
2	238/1	0.80.0	0.49.0																			
3	238/2A	0.38.0	0.22.0																			
4	238/2B	0.38.0	0.04.0																			

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		5	239/5A	0.81.0	0.54.0
		6	239/5B	0.38.0	0.20.0
		7	240/9	0.37.0	0.01.0
		Total extent		3.38.0	1.62.0

Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 259th SEAC meeting held on 31.3.2022.

Agenda No: 286-02

(File No: 7921/2020)

Proposed Earth quarry project over an extent of 2.65.5 Ha in S.F.Nos. 1070/1B & 1071/2 at Palavoor Part -I Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Thiru.T.Sivamiras - For Environmental Clearance.

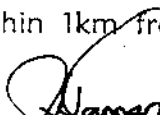
(SIA/TN/MIN/173771/2020 dated: 07.10.2020)

The SEAC noted the following:

1. The project proponent, Thiru.T.Sivamiras has applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 2.65.5 ha at S.F.Nos. 1070/1B & 1071/2 of Palavoor Part -I Village, Radhapuram Taluk, Tirunelveli 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.
3. Earlier, this proposal was placed before 267th SEAC meeting held on 28.4.2022.
4. 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 Tekkumalai West Reserve Forest is located within 1km from this project site and close to Tiger reserve and the proposal is,


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therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Now it is found that based on a representation submitted to SEIAA, the subject has been included in the Agenda for this meeting which is incorrect. SEAC can review the decision already taken only if the proposal is sent back for review by SEIAA and not otherwise.

Agenda No: 286-3

(File No: 7984/2021)

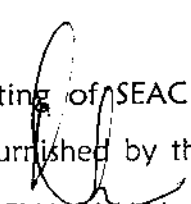
Proposed Rough Stone quarry lease area over an extent of Extent 2.00.0 Ha at SF.No. 416/35(Part-4), Vinnamangalam Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru K. Dineshkumar - For Environmental Clearance. (SIA/TN/MIN/180421/2020 Dt. 29.3.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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 K. Dineshkumar has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at SF.No. 416/35(Part-4), Vinnamangalam Village, Vellore Taluk, Vellore District, Tamil Nadu. It is a Govt. Promboke land.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 3,85,648 m³ of Rough stone. The Annual peak production as per mining plan is 114026m³ of rough stone with proposed depth of 51m(31m AGL + 20m BGL).
4. Earlier, this proposal was placed before 263rd meeting of SEAC held on


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proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions.

5. Subsequently, it was placed before 508th SEIAA meeting held on 19.5.2022. After detailed discussion, the Authority decided to refer back the proposal to SEAC, after the receipt of following additional particulars with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.
 - a. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the following
 1. Soil health & bio-diversity.
 2. Climate change leading to Droughts, Floods etc.
 3. Pollution leading to release of Greenhouse gases (GHG), rise in Temperature & Livelihood of the local people.
 4. Possibilities of water contamination and impact on aquatic ecosystem health.
 5. Agriculture, Forestry & Traditional practices.
 - b. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years whichever is earlier.
 - c. 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.
 - d. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
 - e. Detailed Environment Management Plan covering the project life (or)


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subject to a maximum of thirty years, whichever is earlier.

This proposal again placed before in 286th SEAC meeting held on 17.6.2022. During the meeting the EIA Co ordinator has stated that the proposed project site is located nearer to the Villakaradu RF and will produce the letter from DFO concerned stating the exact distance of RF with respect to the project site.

SEAC therefore decided to direct the PP to submit the letter from the DFO. Further deliberations will be done on the receipt of DFO letter.


Agenda No: 286-4

(File No: 7994/2021)

Proposed Expansion of Industrial Park at S.F. No: 17/2, 18/1B, 18/2B, 18/3B, 18/5, 18/6, 19/3B, 19/4, 19/5, 20/1, 20/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/5, 22/1, 22/4, 23/1, 23/2, 23/3PT, 24/1, 24/2, 24/3, 25/6, 26/1, 26/2, 26/3, 27/2, 27/3A, 27/3B, 28/1PT, 28/2, 29, 30, 32/1, 32/2, 32/3, 32/4, 32/5, 32/6, 34/1, 35/2, 45/1, 45/2A, 45/2B, 45/5, 45/6, 47,59, 83/3B, 101/1B, 101/2B, 102/1, 102/3, 103/2, 113/1, 113/2, 114/1, 115/1, 115/2, 115/3, 115/4, 116/1A, 116/1B, 116/2, 116/3, 116/4, 116/5, 117, 118/1, 118/2, 119, 120/2, 233/2, 242/1, 242/2, 243, 244, 245/1A, 245/1B2, 245/2B, 247, 248/1A, 248/1B, 248/2, 249/1, 249/2, 250, 251, 253/1, 253/2, 254/1A, 254/1B, 254/1C, 254/2, 254/3, 254/4, 255, 256/1, 259/1, 260/1, 260/2, 261/1, 261/2, 262/1A2, 262/2A, 262/2B, 266/2B, 267/1B, 267/2, 268, 271/2, 272, 273, 274 Panapakkam Village and SF.No. 379/1, 379/2A, 383/1A, 383/1B, 383/2, 383/3, 384/1A, 384/1B, 384/3A, 384/3B, 384/4, 385/1B, 385/2A2, 385/2B, 386/1A, 386/2A2, 391/3B, 392/1F, 394/2, 395/2, 395/3, 396, 397/3, 397/4, 399/1A, 399/1B, 403/1, 403/2A, 403/2B, 404/1A1, 404/1A2, 404/1B, 404/2, 404/3, 404/4, 404/5A Maduravasal Village Uthukottai Taluk, Tiruvallur District Tamil Nadu by M/s.Vinplex India Pvt Ltd - For Environmental Clearance. (SIA/TN/MIS/71699/2021, dated: 01.02.2022)

The proposal was placed in this 286th SEAC Meeting held on 17.6.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

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


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1. The Proponent, M/s.Vinplex India Pvt Ltd has applied for Environmental Clearance for the Proposed Expansion of Industrial Park at S.F. No: 17/2, 18/1B, 18/2B, 18/3B, 18/5, 18/6, 19/3B, 19/4, 19/5, 20/1, 20/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/5, 22/1, 22/4, 23/1,23/2, 23/3PT, 24/1, 24/2, 24/3, 25/6, 26/1, 26/2, 26/3, 27/2, 27/3A, 27/3B, 28/1PT, 28/2, 29, 30, 32/1, 32/2, 32/3, 32/4, 32/5, 32/6, 34/1, 35/2, 45/1, 45/2A, 45/2B, 45/5, 45/6, 47,59, 83/3B, 101/1B, 101/2B, 102/1, 102/3, 103/2, 113/1, 113/2, 114/1, 115/1, 115/2,115/3, 115/4, 116/1A, 116/1B, 116/2, 116/3, 116/4, 116/5, 117, 118/1, 118/2, 119, 120/2,233/2, 242/1, 242/2, 243, 244, 245/1A, 245/1B2, 245/2B, 247, 248/1A, 248/1B, 248/2, 249/1, 249/2, 250, 251, 253/1, 253/2, 254/1A, 254/1B, 254/1C, 254/2, 254/3, 254/4, 255, 256/1, 259/1 , 260/1, 260/2, 261/1, 261/2, 262/1A2, 262/2A, 262/2B, 266/2B, 267/1B, 267/2, 268, 271/2, 272, 273, 274 Panapakkam Village and Survey Nos:- 379/1, 379/2A, 383/1A, 383/1B, 383/2, 383/3, 384/1A, 384/1B, 384/3A, 384/3B, 384/4, 385/1B, 385/2A2, 385/2B, 386/1A, 386/2A2, 391/3B, 392/1F, 394/2, 395/2, 395/3, 396, 397/3, 397/4, 399/1A, 399/1B, 403/1, 403/2A, 403/2B, 404/1A1, 404/1A2, 404/1B, 404/2, 404/3, 404/4, 404/5A Maduravasal Village Uthukottai Taluk, Tiruvallur District Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(b) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The proposal consists 10 industrial warehouse Buildings with plot area – 495392.24 Sq.m (49.571 Ha) and built up area – 203914.04 Sq.m.
4. Earlier, the ToR has been granted by vide Lr No. SEIAA-TN/F.No.7994/SEAC/8(b)/1039/2021 Dt. 13.11.2021.
5. Earlier, this proposal was placed in 258th SEAC meeting held on 26.3.2022 & 262nd SEAC Meeting held on 8.4.2022. 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 certain conditions stated therein .
6. Subsequently this proposal has placed before 508th SEIAA meeting held on


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12.5.2022. After detailed deliberation, the Authority noted the following & refer back the proposal to SEAC for further course of action.

- a. The Survey No. in the PowerPoint presentation/ Terms of Reference issued for this project earlier vide Lr.No.SEIAA-TN/F.No.7994/SEAC/8(b)/ 1039/2021 dated 13.11.2021/ Minutes of the meeting of 262nd SEAC held on 08.04.2022 vary in all three cases and discrepancies noted. Further, as per the Terms of Reference issued, the EIA report should also be submitted for the same (inclusive of Survey No.), if there are any deviations as stated above. The reason for the deviation may also be recorded. This may be clarified.
- b. Compliance of conditions issued by Regional Office, MoEF&CC, Chennai for the earlier EC. Some of the conditions are not adhered to/complied with by the project proponent like submission of half yearly reports and Form V, etc. steps taken for the compliance may also be obtained
- c. Land use change in category for some of the Survey No in A register is mentioned has (punjai land) wet land , Survey No. involved may be spelled out and order obtained from competent authority for change if any. Clarification may be sought.
- d. From the Terms of Reference issued, it was noticed that the existing building details is 1, 05,834.19 Sq.m constructed between 2014 and 2017. The first Environment Clearance was obtained in 2014 with a built up area of 44,320 Sq.m and the second Environment Clearance was obtained in 2015 with a built up area is 23,973.4 Sq.m, which is less than the existing built up area. This may be clarified

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. During the meeting, both the PP and the EIA Coordinator were not able to provide additional information sought by SEIAA. Further certain shortcomings pointed out in the EC compliance report have not been attended to. Therefore, the SEAC decided to defer the proposal with a direction to the PP to submit the information sought.


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Agenda No: 286-5

(File No: 8052/2021)

Proposed Multi-Colour Granite Quarry over an extent of 3.55.5 Ha in SF.No. 278/1, 278/2, 278/3, 278/4 & 278/5, Chinnakollapatti Village, Sattur Taluk, Virudhunagar District by Dr.C.Kalaichelvi- For Environmental Clearance. (SIA/TN/MIN/183759/2020 Dt. 16.2.2021)

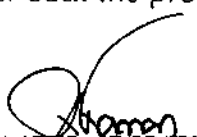
The proposal was placed in the 286th SEAC Meeting held on 17.6.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Dr.C.Kalaichelvi has applied for Environmental Clearance for the Proposed Multi-Colour Granite Quarry over an extent of 3.55.5 Ha in SF.No. 278/1, 278/2, 278/3, 278/4 & 278/5, Chinnakollapatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is 20 years. The scheme of mining plan is for the period of 5 years. The total production for 5 years not to exceed ROM- 43,905 m³ and Recovery 13172m³ of granite .The annual peak production ROM- 9540 m³ (5th year)and Recovery 2862 m³ of granite (5th year) with proposed pit dimension 26m BGL.

Earlier, this proposal was placed before 253rd EAC Meeting held on 11.3.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance Subject to certain condition stated therein.

Subsequently this proposal has placed before 497th SEIAA meeting held on 7.4.2022. After detailed discussions, the Authority noted the following and decided to refer back the proposal to SEAC.


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- I. In the minutes of the 253rd SEAC Meeting held on 11.3.2022, SEAC decided to recommend the proposal for the grant of Environmental Clearance for production for 5 years not exceed ROM- 43,905 m³ and Recovery 13172m³ of granite with proposed pit dimension 26m BGL, subject to certain conditions, one among others:
- II. The proponent shall furnish certified EC compliance report to TNPCB before obtaining CTO and copy furnished to SEIAA-TN.


In view of above conditions stated by SEAC, SEIAA noted MoEF&CC, GoI has issued Office Memorandum vide F.No.J-11011/618/2010-IA-II (I) dated: 30.05.2012 has stated that

“...2. It has been now decided that while submitting the application for consideration for grant of environmental clearance of all expansion projects under the EIA Notification, 2006, the project proponent shall henceforth submit a certified report of the status of compliance of the conditions stipulated in the environmental clearance for the ongoing / existing operation of the project by the Regional Offices of the Ministry of Environment and Forests.

- III. The status of compliance of the conditions stipulated in the environmental clearance as highlighted in the report(s) will be subsequently discussed by the respective Expert Appraisal Committees during the appraisal of the expansion proposal and duly recorded in the minutes of the meeting. Applications for expansion project received without the compliance status as mentioned in para no.2 above shall not be accepted and placed for consideration before the Expert Appraisal Committees.”

MoEF&CC, GoI has issued Office Memorandum vide F.No.J-11013/6/2010-IA-II Part dated: 07.09.2017 has stated that

“...3. Regional Offices of the Ministry are requested to submit certified compliance report within one month of receipt of such requests from the Member Secretary of the sectoral EAC. In case the inspection is not carried out within one month, the


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certified compliance report from the concerned Regional Offices of Central Pollution Control Board (CPCB) or the Member Secretaries of the respective State Pollution Control Boards shall also be accepted for deliberations by the sectoral EAC.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has since submitted the certified EC compliance report.

Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 253rd SEAC Meeting held on 11.3.2022.

Agenda No: 286-6

(File No: 8080/2020)

Proposed Rough Stone & Gravel quarry lease area over an extent of 4.20.0Ha at S.F.Nos.168/2 (P) Kovankulam Village, Thisayanvilai (Formerly Radhapuram) Taluk, Tirunelveli District, Tamil Nadu by Tmt.J.Jeyanthi - For Environmental Clearance. (SIA/TN/MIN/185476/2020,dated: 28.11.2020).

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt.J.Jeyanthi, has applied for Environmental Clearance for the proposed Rough stone& Gravel quarry lease area over an extent of 4.20.0Ha at S.F.Nos. 168/2 (P) Kovankulam Village, Thisayanvilai (Formerly Radhapuram) Taluk, Tirunelveli 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 mine lease period is 5 years. The mining plan is for 5 years. The total production for the five years not to exceed 726,455 cu.m of Rough Stone & 8786cu.m of Gravel . The Annual peak production 186425 cu.m of Rough Stone (1st year) & 7104 cu.m of Gravel (1st year). The ultimate depth of mining is 47m below ground level.


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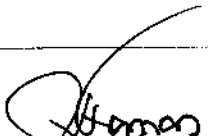
Earlier, this proposal was placed before 222th meeting of SEAC held on 27.07.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal to SEIAA for grant of Environmental Clearance subject to the following one of the conditions among others.

1. Restricting the maximum depth of mining up to 42 m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining are permitted for mining over five years.

Subsequently, this subject was placed in the 461st Authority meeting held on 15.09.2021. Based on that the project proponent has furnished reply vide Lr. dt: 08.10.2021 received on 11.10.2021 & 07.04.2022 (E-mail). Based on that it was again been placed before 503rd SEIAA meeting held on 4.5.2022. After detailed discussion, the Authority decided that the said reply received from the project proponent along with Lr. dt: 07.10.2021 addressed to the project proponent received from AD/ G&M/Tirunelveli be referred back to SEAC for re-appraisal.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with said details.

Mineable Reserves and depth of mining as per the approved mining plan.	Mineable reserves and depth of mining after deducting last bench and leaving the safety distance as recommended by SEAC.
1. Total Mineable Reserves as per approved mining plan 7,26,455 cbm of Roughstone and 8,786 cbm of Gravel for a period of five years.	The depth restricted up to a depth of the 42 meters from the ground level. The total quantity of mineable reserves after leaving safety distance (more than 150 meters) to the tank at 110 meters in the North Eastern direction from the proposed mining area and depth restricted upto 42 meters from the ground level is about 6,68,535 cbm of Rough stone and 7,104 cbm of Gravel in the proposed
2. Proposed depth of mining as per approved mining plan 47 m (2m Gravel + 45m Roughstone) from the ground level.	


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Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 222nd SEAC meeting held on 27.7.2021, since the PP has agreed to comply with the conditions of SEAC.

Agenda No: 286-07

(File No: 8221/2021)

Proposed Rough stone & Gravel quarry lease area over an extent of 1.96.5Ha at S.F.No: 641(P) & 642/1 of Irukkandurai Part-I Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu by Tmt.S.Sumathi- For Environmental Clearance.

(SIA/TN/MIN/191559/2021, dated: 08.01.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

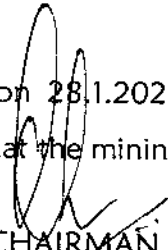
The SEAC noted the following:

1. The project proponent, Tmt.S.Sumathi, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.96.5Ha at S.F.No: 641(P) & 642/1 of Irukkandurai Part-I Village, Radhapuram Taluk, Tirunelveli 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 5 years. The mining plan is for 5 years. The total production for the five years not to exceed 285400cu.m of Rough stone, 13760cu.m of Weathered rock & 28784 cu.m of Gravel and the ultimate depth of mining is 48m.

Earlier, this proposal was placed in 239th meeting of SEAC held on 22.10.2021. 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 the certain conditions as stated therein.

This proposal has placed in 483rd SEIAA meeting held on 28.1.2022 and the SEIAA has informed the PP to furnish NOC from KKNPP to effect that the mining activity


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would not affect the Kudankulam Project. The PP has furnished the same and the proposal has again placed in 503rd SEIAA meeting. The authority after detailed discussions has decided that the said reply received from the project proponent is referred to SEAC for re-appraisal.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with NOC from KKNPP.

Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 239th SEAC meeting held on 22.10.2021, since the PP has submitted NOC from KKNPP.

Agenda No: 286-8

(File No: 8284/2021)

Proposed Multi- Colour Granite (Red Multi) quarry lease over an extent of 1.00.0Ha at S.F. Nos. 623/1(P),623/2(P) of Agalakottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru. P. Loganathan - For Environmental Clearance.

(SIA/TN/MIN/195658/2021, dated: 01.02.2021)

The proposal was placed for appraisal in 286th meeting of SEAC held on 17.6.2022. 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.Loganathan has applied for Environmental Clearance for the proposed Multi- Colour Granite (Red Multi) quarry lease over an extent of 1.00.0Ha at S.F. Nos. 623/1(P),623/2(P) of Agalakottai Village, Denkanikottai 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 mining plan the lease period is for 20 years. The mining plan is for the period of 5 years. The total production for the five years not to exceed ROM- 40738 cu.m & Multi colour (Red Multi) Granite -8148 cu.m . The annual production ROM- 8800 cu.m (3rd year) & Multi colour (Red Multi) Granite -1760 cu.m (3rd year) with an ultimate depth of mining is 28m below ground level.


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Earlier, this proposal has placed in 236th meeting of SEAC held on 05.10.2021. Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations directed the proponent to furnish clear patta on his name instead joint patta for the proposed/applied mine lease area. The project proponent has furnished the reply vide letter dated 31.08.2021. The proposal again placed for appraisal in 259th meeting of SEAC held on 31.03.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions as stated therein.

Subsequently, this proposal was placed in 505th SEIAA meeting held on 9.5.2022. After detailed discussion, the Authority decided to refer back the proposal to SEAC, after the receipt of following additional particulars 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 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.
- 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 waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
- 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


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

- iv. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
- v. Detailed Environment Management Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has furnished a detailed reply covering the points raised by SEIAA. Based on the presentation and documents furnished by the project proponent, **SEAC decided to confirm the recommendation already made in 259th meeting of SEAC held on 31.03.2022.**

Agenda No: 286-9

(File No: 8327/2021)

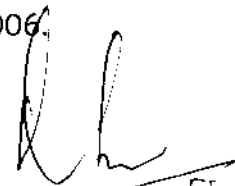
Proposed Rough stone & Gravel quarry lease area over an extent of 1.37.5Ha at S.F.Nos.189/4D, 189/4E, 193/4(P), 193/5(P), 193/6(P), 193/7(P), 191/3A(P), 191/3B, 191/3C, 191/3D of Alagupatti Village, Dindigul West Taluk, Dindigul District, Tamil Nadu by Thiru.S.Manikannan- For Environmental Clearance. (SIA/TN/MIN/196956/2021, dated: 06.02.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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.S.Manikannan, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.37.5Ha at S.F.Nos.189/4D, 189/4E, 193/4(P), 193/5(P), 193/6(P), 193/7(P), 191/3A(P), 191/3B, 191/3C, 191/3D of Alagupatti Village, Dindigul West Taluk, Dindigul 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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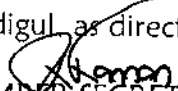
3. As per the mining plan the lease period is 10 years. The mining plan is for the period of 5 years. The total production for the five years not to exceed 90,185cu.m of Rough stone, 8916cu.m of Weathered rock & 17,832 cu.m of Gravel. The annual peak production 23280cu.m of Rough stone (4th year) & 4410 cu.m of Weathered rock (3rd year) & 8428 cu.m of Gravel (3rd year) and the ultimate depth of mining is 23m.

Earlier, this proposal has placed in 239th meeting of SEAC held on 22.10.2021. 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 the certain conditions as stated therein.

Subsequently, this proposal was placed in 483rd SEIAA meeting held on 28.1.2022. After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to inform the proponent to furnish the revised mining plan for five years since the mine plan submitted is valid for ten years before obtaining EC as recommended by SEAC in the Minutes of 239th SEAC Meeting held on 22.10.2021. On receipt of above details, the Member Secretary is requested to place the proposal before the Authority for further course of action.

In this connection, the project proponent has furnished reply vide Lr. dt: 16.02.2022 received on 17.02.2022 and it was again placed in 503rd SEIAA meeting held on 4.5.2022. The authority after detailed discussions has decided that the said reply received from the project proponent along with revised mining plan for 5 years & mine plan approval Lr. dt: 15.02.2022 addressed to the project proponent received from AD/ G&M/Dindigul be referred to SEAC for re-appraisal.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with said details. Based on the presentation documents and revised mining plan furnished by the project proponent, SEAC decided to confirm the recommendation already made in 239th meeting of SEAC held on 22.10.2021, since the PP has submitted revised mining plan approved by AD, G&M, Dindigul as directed by SEAC.


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Agenda No: 286-10

(File No: 8353/2021)

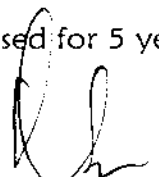
Proposed Rough Stone and gravel quarry lease area over an extent of 2.84.50 Ha at S.F No 636/1C1,636/2B,636/2C,636/2D, 636/2E, 641/1,646/1B1 646/1B2, Magaral 'B' Village, Walajabad Taluk, Kancheepuram District by Thiru.R.Sankar - For Environmental Clearance.(SIA/TN/MIN/197079/2021, dated: 13.02.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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.Sankar has applied for Environmental Clearance for the pproposed Rough Stone and gravel Quarry lease area over an extent of 2.84.50 Ha at S.F No 636/1C1,636/2B,636/2C,636/2D, 636/2E, 641/1,646/1B1 646/1B2, Magaral 'B' Village, Walajabad Taluk, Kancheepuram District, 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 for first 5 years not to exceed 153706 m³ of Rough stone and 33824 m³ of gravel. The Annual peak production as per mining plan is 32635 m³ of rough stone (5th year) and 33824 m³ of gravel (1st year) with proposed depth of 15m(BGL).
4. Earlier, this proposal was placed before 227thSEAC meeting held on 21.8.2021 and SEAC decided to ask for the following details;
 - i. The proponent shall furnish registered consent of the legal heir as per Sf.Nos
 - ii. The PP shall submit revised mining plan proposed for 5 years

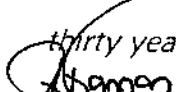

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The project proponent has furnished the details as sought by the committee vide Lr Dt. 28.9.2021. Based on that, this subject has again been placed before 260th SEAC Meeting held on 1.4.2022. Based on the presentation and documents furnished by the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

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

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


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5. Detailed Environment Management Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier.

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

1. Copy of the petition dated 16.04.2022 regarding not to sanction EC for stone quarry at S.F.No.646, 641,636 in the water submergible lake land, Margaral B village, Walajabad Taluk, Kanchipuram District to R. Sankar due to objection from PWD officials and other factors of EC clearance (File No.8553).
2. Copy of the letter from PWD (WRD) dated 06.08.2019, 04.09.2019, 13.09.2019, 29.01.2020 & 30.05.2012 have been received by the PP and subsequently the project proponent is requested to revise the error as mentioned in the 2nd point of the SEAC recommendation.

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

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

Agenda No: 286-11
(File No: 8360/2021)

Proposed multi colour granite quarry lease area over an extent of 2.00.5 Ha at S.F. 90/1,90/2, Devannagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by Thiru.P.Jayaraj - For Terms of Reference (SIA/TN/MIN/66915/2021 dated: 25.08.2021)

The proposal was placed for appraisal in this 286th of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:


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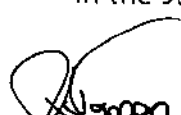
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1. The project proponent, Thiru.P.Jayaraj has applied for Terms of Reference for the Proposed multi colour granite quarry lease area over an extent of 2.00.5 Ha at S.F. 90/1,90/2, Devannagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the mine lease period is 20 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed – ROM- 45672 m³ & 9134 m³ of Granite. The annual production ROM- 10500 m³ (3rd year) & 2100 m³ of Granite (3rd year). The ultimate depth – 32m BGL.


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 PP shall include the letter received from DFO concerned stating the proximity details of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.
2. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
3. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidence.


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4. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
- What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - Quantity of minerals mined out.
 - Highest production achieved in any one year
 - Detail of approved depth of mining.
 - Actual depth of the mining achieved earlier.
 - Name of the person already mined in that leases area.
 - If EC and CTO already obtained, the copy of the same shall be submitted.
 - Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
5. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
6. The PP shall carry out Drone video survey covering the cluster, Green belt , fencing etc.,
7. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
8. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.


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9. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
10. The Project Proponent shall conduct the 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) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells 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.
11. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
12. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of air pollution, water pollution, & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
13. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
14. Issues relating to Mine Safety, including slope geometry in case of Granite quarrying, blasting parameters etc. should be detailed. The proposed safeguard measures in each case should also be provided.
15. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational.


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operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

16. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
17. Since non-saleable waste /OB / intermediate waste etc. is huge in the granite quarry, the Proponent shall provide the details pertaining to management of the above material with year wise utilization and average moving inventory be submitted.
18. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
19. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
20. Impact on local transport infrastructure due to the Project should be indicated.
21. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
22. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
23. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
24. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.


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25. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
26. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
27. 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 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.
28. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted 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
29. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
30. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report.
31. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.


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32. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
33. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
34. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
35. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
36. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
37. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 286-12

(File No: 8386/2021)

Proposed expansion of multi storied 3156 Tenements at SF.No. 479/2, 82, 483, 484, 485, 508, 509, 510, 511, 516, 517, 518, 523, 524/1, 524/2, 527, 528, 536, 537, 538, 539/2, 540, 540/1, 540/2, 541, 542, 543, 544, 546 Perumbakkam Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu by M/s. Tamil Nadu Urban Habitat Development Board (formerly known as M/s Tamil Nadu Slum Clearance Board)— For Terms of Reference. (SIA/TN/MIS/61147/2021 Dt. 24.2.2021)


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The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Tamilnadu Slum Clearance Board has applied for seeking Terms of Reference for the Proposed expansion of multi storied 3156 Tenements at SF.No. 479/2, 82, 483, 484, 485, 508, 509, 510, 511, 516, 517, 518, 523, 524/1, 524/2, 527, 528, 536, 537, 538, 539/2, 540, 540/1, 540/2, 541, 542, 543, 544, 546 Perumbakkam Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(b) "Township and Area development" of the Schedule to the EIA Notification, 2006.
3. As per G.O (Ms) No. 103 Housing & Urban development Dept Dt. 1.09.2021 the name of the proponent changed from M/s Tamil Nadu Slum Clearance Board to M/s. Tamil Nadu Urban Habitat Development Board.
4. The proposal consists 25236 tenements (Existing – 22080 + 3156 new tenements) with plot area – 768000 Sq.m (76.8 Ha) & total built up area – 9,07,816.98 Sqm.
5. The PP has obtained EC vide Lr.No. SEIAA/TN/EC/8(b)/023/f148/2008 Dt. 11.12.2008 and Lr.No. SEIAA-TN/F.7148/EC/8(a)/686/2019 Dt. 19.12.2019.
6. Earlier, this proposal was placed before 213rd SEAC meeting held on 11.6.2021 & 257th meeting of SEAC held on 25.3.2022(Ref. SEAC minutes). Based on the subcommittee report, presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR).

Subsequently, this proposal has placed in 501st SEIAA meeting held on 22.4.2022. The SEIAA decided to refer back the proposal to SEAC for reconsidering the recommendation of SEAC for grant of Terms of Reference .

This proposal again been placed in 286th SEAC meeting held on 17.6.2022. The PP has made the re presentation along with said remarks by SEIAA is as follows.

S.No	Observation	Reply
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1	<p>The discrepancy in total no of existing tenements, total area, proposed no. of new tenements etc. has been noticed in their reports and the same has been verified by the Sub Committee. The reconciled and correct details now provided during the site visit is appended herewith. The present activity includes construction of 3156 tenements instead of 3675 originally applied over an area of 121900.92 Sq. Mts for which TOR requested. Total built up area now comes to 901957.56 Sq Mts for 25236 tenements.</p>	<p>In the ToR application we have submitted 3675 nos of tenements and built up area of 1,43,561.20 sq.m. Subsequently TNUHDB had dropped two Phases (phase II & VII) and further added one phase (phase XI). Hence, there is a reduction of 519 tenements thereby the proposal now revised for 3156 tenements with a total built-up area of 1,21,770.90 sq.m. Total built up area comes to 9,07,816.98 Sq.m for 25236 tenements.</p> <p>However during inspection of the sub – committee, the built – up area given by TNUHDB is 1,21,900.92 Sq.m. This built – up area is now being revised as 1,21,770.90 Sq.m due to calculation error.</p> <p>The revised No of tenements and Built up area details are.</p>
2.	<p>The construction of 3156 new tenements is proposed to be taken up in 09 phases. Hence, all the 09 Phases have been inspected. It is noticed that the construction has commenced long back in all nine Phases and are at various stages of completion/ Progress. They have applied for TOR after almost completing the work' It is a clear case of violation.</p>	<p>The revised proposal consists of 08 Phases and the construction activities have been commenced in all the 08 Phases. The details are enclosed.</p>


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3	<p>The project area of existing tenements covered in EC 1 in 2008 and EC 2 in 2019 has been inspected for compliance of some of the important conditions of 2EC issued. It is noticed that the occupation by the beneficiaries is 100% and all infrastructural facilities have been Provided. Even though TNUHDB has not submitted periodical compliance reports, they have complied with the important EC conditions like Green Belt development, development of parks and Play grounds, sewage collection and pumping with standby DG sets etc.</p>	<p>Noted for future adherence.</p> <p>The compliance report for the conditions to be stipulated the SEAC & SEIAA in the final issue of EC of the overall project shall be adhered and submitted as per the procedures.</p>
4	<p>The Project Proponent and Environment Consultants have been advised to rework on water balance, STP requirements, SW management etc. afresh since there is variation in no. of tenements and areas. Window period for consideration of their project under violation category is not available. However, they have been advised to present the case in SEAC only under violation category and under expansion category as per the minutes of 213 SEAC.</p>	<p>The revised working on Water Balance, Sewage Pumping system and Solid waste Management for 25,236 Nos. of Tenements. Details of the revised water balance diagram, solid waste management are given.</p> <p>Considering all the above revisions, TNUHDB hereby accept to present the proposal before SEAC under violation category and under expansion category as per the minutes of 213 SEAC.</p>


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Based on the presentation & documents furnished, the PP has expanded the project without obtaining EC and has also not applied during the window period, this has to be treated as violation case under SoP notified by the MoEF & CC outside the window period.

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

The Committee therefore, decided to keep the examination of the proposal in abeyance until final orders are received from Madurai Bench of the High Court of Madras in the matter W.P.(MD) No. 11757 of 2021.

Agenda No: 286-13

(File No: 8403/2021)

Proposed Rough Stone and gravel Quarry lease area over an extent of 1.07.62 Ha at S.F.No 166/1A,166/1B,166/2B(P),167/5A(P)&167/5B, ThuyyamPoondurai(A) Village, Modakkurichi Taluk, Erode District by Thiru.T.Subramani-For Environmental Clearance.(SIA/TN/MIN/200425/2021, dated: 26.02.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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.Subramani has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.07.62 Ha at S.F.No 166/1A, 166/1B, 166/2B(P), 167/5A(P) &167/5B, ThuyyamPoondurai(A) Village, Modakkurichi Taluk, Erode 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 10 years not to exceed 111950 m³ of Rough stone and 35350 m³ of gravel. The Annual peak production as per mining plan is 13835m³ (Xth year) of rough stone and 12080 m³ (1st year) of gravel with proposed depth of 45m (5m AGL + 40m BGL).
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation and document, furnished by the project proponent, SEAC noted that the PP has obtained mining plan for 10 years. Hence the Committee decided that the project proponent shall furnish mining plan for 5 years.
5. Based on the reply furnished by the PP, this subject was again been placed before 260th SEAC Meeting held on 1.4.2022. Based on the presentation and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** subject to certain conditions as stated therein.
Subsequently this proposal has placed in 504th SEIAA meeting held on 6.5.2022. After detailed discussion, the Authority decided that the project proponent shall furnish following additional particulars with reference to project life (or) subject to a maximum of thirty years, whichever is earlier.
 - i. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the following
 - a) Soil health & bio-diversity.
 - 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.


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- 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 waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the project life (or) subject to a maximum of thirty years, whichever is earlier.
- 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. Detailed Mine Closure Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier
- v. Detailed Environment Management Plan covering the project life (or) subject to a maximum of thirty years, whichever is earlier

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with said details. Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 260th SEAC meeting held on 1.4.2022.

Agenda No: 286-14

(File No: 8406/2021)

Proposed gravel quarry lease area over an extent of 1.52.50 Ha at S.F.No 208A/1A, 208A /1B, 208A /2A, 208A /2B, 208A /3, 208A /5B, 208A /6, 208A /7B, 208A/7C, 208A/8, 208A/9, 208A/10, 208A/11, 208A/12, 208A/13, 208A/14, 208A/15, 208A/17, 208A/18, 208A/19, 208A/20, 208A/21, 208A/22, 208A/23, 208A/24A, 208A/24B Palaiyapatti Vadakkusethi Village, Budalur Taluk, Thanjavur District by Thiru. S.Selvaraj- For Environmental Clearance. (SIA/TN/MIN/200895/2021, dated: 16.08.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Thiru.S.Selvaraj has applied for Environmental Clearance for the gravel Quarry lease area over an extent of 1.52.5 Ha at S.F.No 208A/1A, 208A /1B, 208A /2A, 208A /2B, 208A /3, 208A /5B, 208A /6, 208A /7B, 208A/7C 208A/8, 208A/9, 208A/10, 208A/11, 208A/12, 208A/13, 208A/14, 208A/15, 208A/17, 208A/18, 208A/19, 208A/20, 208A/21, 208A/22, 208A/23, 208A/24A, 208A/24B Palaiyapatti Vadakkusethi Village, Budalur Taluk, Thanjavur 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 16,114 m³ of gravel. The annual peak production as per mining plan is 5372 m³ of gravel (3rd year) with proposed depth of 2m(BGL).
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided since there are 3 lands with SF.No. 208A/7A, 208A/4, 208A/5A, 208A/16 which are sandwiched in between the 2 parts of the proposed mining area, it is obvious that the accessibility of the land of the third sandwiched land would be a question mark. To avoid that they have to re-plan the proposed mining area.
5. It is observed by the committee there is a Nilaviyalodai which drains into the Muppam Eri (SF.No.208A/1B) and if the proposed entire area is mined out then the water from the upstream side may not reach the Muppam Eri and the dependency of the availability of water in the Muppam Eri is jeopardized.
6. Hence the project proponent was asked to revise the mine planning area taking precautions considering the above two points and also the Nilaviyal odai should not be disturbed at any cost and the proponent has agree to


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revise the mine plan. Hence the project is deferred.

The project proponent has furnished the details as sought by the Committee vide Lr Dt. 4.9.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions as stated therein.

Subsequently, this proposal has placed in 504th SEIAA meeting held on 6.5.2022. The Authority observed that the based on the minutes of 228th SEAC meeting on 24.08.2021, the project proponent has furnished the revised mining area and its production plan vide its Lr. 04.09.2021. Based on the above, the subject was placed in 260th SEAC on 01.04.2022 and recommended the proposal for grant of Environmental Clearance as per mine plan approved by the Geology & Mining subject to the conditions stated therein.

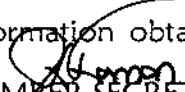
Also, the Authority noted that the mining is confined to SF. No. 208A/1A as per revised mine area of 0.25.5 ha and quantity of mining is restricted to 4868 m³ as per the details furnished by the project proponent vide Lr. Dt: 04.09.2021. In view of the above, the authority after detailed discussion decided to refer back the proposal to SEAC for re-appraisal.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with following details.

The revised mine area will be of 0.25.5ha falling in survey no 208A/1A and the quantity of mining will be 4868 m³.

Year	Gravel in Cu.m for 2 m depth of mining	
	As per earlier approved mining plan	Revised as per SEAC suggestion
1	5,371	1650
2	5,371	1650
3	5,371	1568
	16,113	4868

Based on the presentation and documents furnished by the project proponent and the information obtained from TNeGA, SEAC noted that Pudukudi North Reserve Forest is


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within 1 km from the proposed site. PP however disagreed regarding the distance and requested time to produce letter from the concerned DFO. SEAC therefore decided to direct PP to submit the letter from DFO and deferred the proposal.

Agenda No: 286-15

(File No: 8423/2021)

Proposed gravel quarry lease area over an extent of 1.56.5Ha at S.F No 171/4B,172/4B3, V.Parangini Village, Vanur Taluk, Villupuram District by Thiru.M.Yashvanth-For Environmental Clearance.(SIA/TN/MIN/202201/2021, dated: 06.03.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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.Yashvanth has applied for Environmental Clearance for the gravel quarry lease area over an extent of 1.56.5Ha at S.F No 171/4B,172/4B3, V.Parangini Village, Vanur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for Two year not to exceed 21,802 m³ of gravel, with proposed depth – 2m(BGL).
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided that the project proponent shall obtain the soil test report for the entire depth of 2m from reputed Government institute/Government departments. On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.
5. The project proponent has furnished the soil testing results analysed by University College of Engineering Dindigul, Anna University. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022.


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The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC noted that, from the report of soil classification, the percentage (%) of sand is 22.3. Considering the Judgment of the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021, the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 dated 30.07.2021, has, inter alia, issued the following directions;

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

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

Now it is found that based on a representation submitted by the PP the subject has been included in the Agenda for this meeting which is incorrect. SEAC can review the decision already taken only if the proposal is sent back for review by SEIAA and not otherwise.

Agenda No: 286-16

(File No: 8470/2021)

Proposed Gravel & Pebble quarry lease area over an extent of 1.97.5Ha at S.F.No. 280/3 & 230/4 of C.N.Palayam Village, Cuddalore Taluk, Cuddalore District, Tamil Nadu by Thiru.R.Balakrishnan - For Environmental Clearance. (SIA/TN/MIN/204172/2021, Dated:17.03.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. 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.Balakrishnan, has applied for Environmental Clearance for the proposed Gravel & Pebbles quarry lease area over an extent of 1.97.5Ha at S.F.Nos. 280/3 & 230/4 of C.N.Palayam Village, Cuddalore Taluk, Cuddalore 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. The production for the two year states that the total quantity of recoverable as 18243 cu.m of Gravel & 2027 cu.m of pebble and the ultimate depth 5m above ground level.
4. Earlier, this proposal has placed in 230th SEAC meeting held on 31.8.2021. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the certain conditions as stated therein.

Subsequently, this proposal has placed in 503rd SEIAA meeting held on 4.5.2022. After detailed discussions, the Authority noted the following:

1. In the minutes of the 230th meeting of SEAC held on 24.08.2021, the SEAC has furnished its recommendation to the Authority to **grant Environmental Clearance** to the project subject to inter alia the following condition:

"The proponent shall furnish NOC from VAO in regard to educational institutions, habitations, Hospitals, HT/LT line, Burial Ground, water bodies etc. within 300m radius of the proposed mine lease area before placing the proposal in SEIAA for considering the issue of Environmental Clearance to the proposed mine lease area, since the proponent has not furnished the NOC from VAO during appraisal and the same was not found in physical file of SEIAA on verification"

2. In the minutes of the, 467th held on 06.10.2021 the Authority decided to request the Member Secretary, SEIAA to communicate the minutes of the SEAC meeting held on 24.08.2021 to the project proponent so as to furnish the aforesaid NOC for the proposed activity from the VAO. On receipt of the reply, agenda may be placed in ensuing Authority meeting. Subsequently the proponent has furnished VAO letter dated: 10.03.2022. After detailed discussion the Authority decided to send the details received from proponent to SEAC for verifying/checking for re-appraisal.


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This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with VAO letter Dt. 10.3.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 260th SEAC meeting held on 1.4.2022.

Agenda No: 286-17

(File No: 8514/2021)

Proposed Rough Stone and gravel Quarry lease area over an extent of 1.08.0 Ha of SF.No. 132/3B(P), Unjavelampatti Village, Pollachi Taluk, Coimbatore District by Thiru V. Maruthvel - For Environmental Clearance. (SIA/TN/MIN/208024/2021 Dt.5.4.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru V.Maruthvel has applied for Environmental Clearance for the proposed Rough Stone and gravel Quarry lease area over an extent of 1.08.0 Ha of SF.No. 132/3B(P), Unjavelampatti 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.
5. AS per mining plan the mining lease period is 5 years. The mining plan is for the period of 5 years. The total production for 5 years not exceeds 47,268 m³ of Rough stone and 99 m³ of gravel. The annual peak production 13120 m³ of Rough stone (2nd year) with ultimate depth – 43 m. (BGL).
6. Earlier, this proposal was placed before 231st SEAC meeting held on 3.9.2021. Based on the presentation and documents furnished by the


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project proponent, SEAC noticed that last permit was issued till 19.06.2021 and the project proponent filed application dated 20.01.2021. Hence SEAC decided that MS, SEIAA shall obtain clarification from AD, Mines.

7. Also the SEAC committee restricts the depth of mining to 38m ultimate depth and decided to conduct on spot site inspection by the committee members to verify the facts.

On receipt of the clarification letter from AD mines/Proponent and site-visit by the SEAC sub-committee, this subject was placed before 257th SEAC meeting held on 25.3.2022. Based on the documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for production for 5 years not exceeds 47,268 m³ of Rough stone and 99 m³ of gravel, with proposed depth – 43 m. (BGL), subject to the certain conditions as stated therein.

Subsequently this proposal was placed in 501st SEIAA meeting held on 22.4.2022. Authority, refer back the proposal to SEAC for want of following reasons.

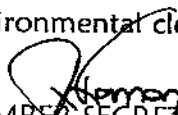
- The certified compliance report of the existing Environmental Clearance shall be obtained from the Proponent and be verified, for EC Compliance.
- Environment Management Policy may please be obtained as policy prescribed need to be evaluated

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with certified compliance report & Environment Management Policy. Based on the presentation and documents furnished by the project proponent, SEAC decided to confirm the recommendation already made in 257th SEAC meeting held on 23.3.2022.

Agenda No: 286-18

(File No: 8538/2021)

Proposed Multi Colour Granite quarry Extent of 1.21.0 Ha at S.F. No.496/2B(P), Arasiramani Bit-II Village, Sankari Taluk Salem District – by Thiru V.Ragupathy- For Environmental clearance (SIA/TN/MIN/204391/2021 Dt. 20.03.2021)


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The proposal was placed in 286th SEAC meeting held on 17.6.2022. 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, Thiru. V.Ragupathy has applied for Environmental Clearance for the Proposed Multi Colour Granite quarry Extent of 1.21.0 Ha at S.F. No.496/2B(P), Arasiramani Bit-II Village, Sankari Taluk Salem District.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, this proposal was placed before 243rd SEAC meeting held on 4.2.2022 and SEAC recommended for the grant of Environmental Clearance subject to the certain conditions to be complied with. (Ref minutes of 243rd SEAC meeting (item no. 2).

Subsequently, it was placed before 486th SEIAA meeting held on 16.2.2022 (ref item no-2) . After detailed discussion the Authority decided refer back the proposal. The proposal was again placed in 255th SEAC Meeting held on 18.3.2022 and the SEAC decided to confirm the earlier recommendation made in 243rd SEAC meeting held on 4.2.2022.

Based on the certified compliance received from the PP it was again placed in 503rd SEIAA meeting held on 4.5.2022. After detailed discussion the Authority decided to send the details received from proponent to SEAC for verifying/checking the compliance This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The SEAC noted that the EIA Coordinator of the PP, vide E mail Dt.

16.6.2022 has stated that "We are facing an inordinate delay in getting DFO letter for location of RF etc around 25km and requesting the SEAC to postpone the further appraisal". SEAC therefore decided to defer the proposal.


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Agenda No: 286-19


(File No: 8546/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 0.58.0 Ha at S.F No 175/1&175/2, Erumaiyur Village, Kundrathur Taluk, Kancheepuram District by Thiru.S.Ravisundar- For Terms of Reference.(SIA/TN/MIN/63015/2021, dated: 30.04.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the web site (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Ravisundar has applied for Terms of Reference for the Rough Stone and gravel quarry lease area over an extent of 0.58.0 Ha at S.F No 175/1&175/2, Erumaiyur Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. Production for 5 years is 1,45,800 m³ of Rough stone and 17,928m³ of gravel. The Annual peak production as per mining plan is 36000m³ of rough stone (in 1st, 2nd & 3rd year respectively) and 10152m³ of gravel (1st year) with proposed depth of 33m(BGL).
4. This proposal was placed before 215th SEAC meeting held on 29.6.2021. Based on the presentation and documents furnished by the project proponent, SEAC committee noted that, the VAO has issued a letter that no habitation is available within 300m from the boundary of the mining area. However a cursory look at the Google map reveals that there are habitants existing at 240m itself. Hence a revised letter from the concerned competent authority due verification of the fact needs to be submitted along with the EIA report.


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5. The project proponent has furnished the VAO letter Dt. 9.8.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC. Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference with public hearing subject to certain specific TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC .

Subsequently, this proposal was placed in 504th SEIAA meeting held on 6.5.2022. After detailed discussion, the Authority decided to refer back the proposal to SEAC.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. 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 Erumaiyur Reserve Forest abutting , Nallur 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 for ToR.


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Agenda No: 286-20

(File No: 8579/2021)

Proposed Red Earth quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 109/1 (P) & 109/2 of Vadukanathankuppam Village, Viluppuram Taluk, Viluppuram District, Tamil Nadu by Thiru. J.Manikandan- For Environmental Clearance.

(SIA/TN/MIN/ 214881/2021 Dt. 20.10.2021)

The proposal was placed in 286th SEAC meeting held on 17.6.2022. 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. J.Manikandan has applied for Environmental Clearance for the proposed Red Earth quarry lease over an extent of 3.00.0 Ha at S.F.Nos. 109/1 (P) & 109/2 of Vadukanathankuppam Village, Viluppuram 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 3 years & the mining plan is for the period of 5 years. The total production for 3 years not to exceed 42000 m³ of Red Earth. The ultimate depth of 2m(BGL).

Earlier, this proposal was placed in 252nd SEAC meeting held on 10.03.2022. The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. The Committee, therefore directed the proponent to submit the following additional details for further processing the proposal.

1. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
2. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers,

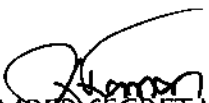

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streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

On the receipt of the said details, This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with said details. 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 the standard conditions & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

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


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6. 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.
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 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.
9. 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.
10. 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. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices as given in the appendix. 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.
12. The casualty of tree plants shall be replaced during successive year plantations.
13. **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (ii) Noise levels should be


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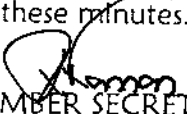
monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

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


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21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting 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. 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 as committed.
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.


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29.As accepted by the Project Proponent the CER cost is Rs. 1.09 lakhs and the amount shall be spent for Providing funds for smart class facilities to the Valavanur Govt. High Sec School.

Agenda No: 286-21
(File No: 8628/2021)

Proposed Rough stone quarry lease over an extent of 2.70.0 Ha at S.F.Nos.471/1 Chockkalingapuram Village, Melur Taluk, Madurai District , Tamil Nadu by Thiru. G.Karuppanan - For Environmental Clearance. (SIA/TN/MIN/217978/2021, dated: 04.07.2021)

The proposal was placed in 286th SEAC meeting held on 17.6.2022. 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, G.Karuppanan has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 2.70.0 Ha at S.F.Nos.471/1 Chockkalingapuram Village, Melur Taluk, Madurai 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 mining plan is for the period of 10 years. The total production for 10 years not to exceed 511350 m3 of Rough stone. The annual peak production 73500 m3 of Rough stone (1st year). The ultimate depth- 45m.

Based on the presentation and document furnished by the project proponent, SEAC noted that as per the AD Mines, Ir Dt. 28.7.2021, the total extent of quarries located within 500m radius is more than 5 Ha. SEAC therefore instructed the proponent to withdraw the application and re apply for ToR under B1 category instead of B2 category, after obtaining a certificate of Cluster from the AD (Geology & Mining).


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Agenda No 286-22

8661/2021

Proposed Black Granite quarry lease over an extent of 1.55.9 Ha at S.F.Nos.95/1A(P) at Thenkaraikottai Village, Pappireddipatti Taluk, Dharmapuri District, Tamil Nadu by Thiru.E.Rajasimman - For Environmental Clearance. (SIA/TN/MIN/218403/2021, dated: 21.07.2021)


The proposal was placed in 286th SEAC meeting held on 17.6.2022. 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.E.Rajasimman has applied for Environmental Clearance for the proposed Black Granite quarry lease over an extent of 1.55.9Ha at S.F.Nos.95/1A(P) at Thenkaraikottai Village, Pappireddipatti Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 20 years & the mining plan is for the period of 5 years. The total production for 5 years not to exceed ROM- 28590 m³ & 2858 m³ of granite. The annual peak production ROM- 7650 m³ (1st year) & 765 m³ of granite (1st year). The ultimate depth- 32m.

Earlier, this proposal was placed in 240th SEAC meeting held on 2.11.2021. Based on the documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance with restricting the ultimate depth of mining upto 26m and quantity of 2304 cu.m of Granite is permitted for mining over five years.

Subsequently, this proposal was placed in 503rd SEIAA meeting held on 4.5.2022. After detailed discussion, Authority decided to seek certain details from the project proponent through AD/DD Mines stated therein. After the receipt of reply from the project proponent, the proposal will be placed in the SEAC for consideration. In this


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connection, the DD/ G&M/ Dharmapuri has furnished reply vide Lr. dt: 02.03.2022 received on 05.04.2022.

In view of the above, the authority noted that the DD/ G&M/ Dharmapuri has not provided copy of EC and CTO already obtained for the existing pits as mentioned in the above said letter dt: 02.03.2022. Hence, the authority decided that the project proponent shall furnish copy of EC and CTO already obtained for the existing pits. After the receipt of reply from the project proponent, the proposal will be taken up for consideration.

The proposal was placed in 286th SEAC meeting held on 17.6.2022. The SEAC noted that the EIA Coordinator of the PP, vide E mail Dt. 16.6.2022 has stated that *"This subject has already been recommended by SEAC, subsequently some ADS/Query has been raised by SEIAA and requested SEIAA to process the file & grant EC."* The applicant has given a request by mail and hard copy on 06.06.2022 in this regard. The proponent requested to delist this proposal from this agenda. SEAC therefore decided to delist the proposal.

Agenda No: 286-23

(File No: 8679/2021)

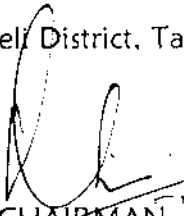
Proposed Rough Stone and gravel quarry lease area over an extent of 1.98.0 Ha at S.F No 571/2B(P), 572/1(P), 572/2(P) & 572/4(P), Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District by Thiru.T.Bright Singh Chelladurai-For Environmental Clearance.(SIA/TN/MIN/211408/2021, dated: 03.08.2021).

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The details of the project furnished by the proponent are given in the web site (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Bright Singh Chelladurai has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.98.0 Ha at S.F No 571/2B(P), 572/1(P), 572/2(P) & 572/4(P), Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli 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 5 years. The production for 5 years not to exceed 3,57,430 m³ of Rough stone and 31,350m³ of gravel and 15,076m³ of Weathered Rock. The Annual peak production as per mining plan is 69675m³ of rough stone (5th year), 14047 m³ Weathered Rock (1st year) and 29092 m³ gravel (1st year) with proposed depth of 48m(BGL).
4. Earlier, this proposal was placed before 240th SEAC meeting held on 2.11.21. Based on the presentation and documents furnished by the project proponent, SEAC noted that there is 3 nos. of tanks (water bodies) & 1 no. of canal nearby the proposed mine lease applied area and the site is located at appx. 1.2 km from the coast. In view of the above, SEAC after detailed deliberations has directed the proponent to furnish hydro geological study considering water bodies within 3 km radius around the proposed mine lease applied area, assessment of potential for including sea water intrusion considering impact of mining at different depths upto proposed ultimate depth of mining as per approved mining plan. On receipt of aforesaid details, SEAC would deliberate on the proposal in one of the forthcoming SEAC meetings.

The project proponent has furnished the details as sought by the committee vide Lr Dt. 21.12.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. Based on the presentation, documents and hydro geological study report furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions as stated therein.

Subsequently, this proposal has placed in 504th SEIAA meeting held on 6.5.2022. After detailed discussion, the Authority decided to refer back the proposal to SEAC for the following reasons:


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- i) The lease mining area is located at 6.4 km from Kudankulam Nuclear Power Plant (KKNPP – Unit -2) and 2.8 km from the compound wall as per the presentation slide 13.

In this regards, Authority recalls the minutes of 162nd SEAC meeting held on 01.07.2020 (File No.7332). It was decided by the SEAC that the project proponent shall obtain NoC from Kudankulam Nuclear Power Plant (Nuclear Power Corporation of India Limited) for the operation of mines. After obtained the NOC from the KKNPP. The proposal was appraised by SEAC and recommended for issuance of EC to SEIAA.

- ii) In the 240th SEAC meeting held on 02.11.2022, SEAC directed the Project Proponent to furnish the hydro geological study considering water bodies within 3 km radius around the proposed mine lease applied area, assessment of potential for including sea water intrusion considering impact of mining at different depths upto proposed ultimate depth of mining as per approved mining plan.

The project proponent submitted the hydro geological study in the conclusion 4.1

“ the drainage pattern study reveals that from the proposed mine lease applied area in or around 1 km, 2km, 3 km radius study there are no major River passed through within the radius and streams, seasonal streams and canal are identified in the study area. Finally it was concluded According to the drainage pattern study there are no major impacts in water tanks (3 nos) and canals in or around the proposed mine lease applied area. In addition to this, mining operation will not influence the water body (kulam) which is present in the S.F.No.473 and 569.”

From the presentation slide No.13, in major water course Uppar River -1.7 km and Bay of Bengal -1.2 Km has been mentioned which comes within 3 km radius study area as directed SEAC. In the hydro geological study report submitted Uppar River has not been considered and assessment of potential for


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including sea water intrusion considering impact of mining at different depths upto proposed ultimate depth of mining as per approved mining plan also not considered and the recommendation in the hydro geological study report is not site specific and general.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with said details. Based on the presentation and documents furnished by the project proponent, SEAC directed the PP to submit the details required by SEIAA by way of annexure to the Hydro-Geological Study and deferred the proposal.

Agenda No: 286-24

(File No: 8735/2012)

Proposed construction of new hospital block and other amenities buildings at SF.No. 43 and SF.No. 321/18 PT, 3 at Rajasuriyamadai Village, Ramanathapuram Taluk, Ramanathapuram District by Dean cum special officer (Government Medical Hospital, Ramanathapuram) for Environmental Clearance- (SIA/TN/MIS/224416/2021, dated: 12.08.2021)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Dean cum Special officer (Government Medical Hospital, Ramanathapuram), has applied for Environmental Clearance for the proposed Construction of new hospital block and other amenities buildings at SF.No. 43 and 321/18 PT, 3 at Rajasuriyamadai Village, Ramanathapuram Taluk, Ramanathapuram District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 8(a) "Building and Construction Projects" of the schedule to the EIA Notification, 2006.
3. The total plot area is 54,940 Sq.m with Proposed built- up area of 57,596 Sq.m.
4. Earlier, this subject was placed before 257th SEAC meeting held on 25.3.2022 and SEAC noted that the EIA Coordinator has not attended the SEAC meeting and therefore SEAC decided to defer the matter.


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5. This proposal was again placed in the 262nd SEC meeting held on 8.4.2022.

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 certain conditions as stated therein.

Subsequently, this proposal was placed in 507th SEIAA meeting held on 12.5.2022. After detailed deliberations, SEIAA noted the following.


- i) As stated in the 257th meeting of SEAC held on 25.03.2022. The breakup details of the building constructed with years wise may be examined by the SEAC.
- ii) As stated above in Para 1 i) the proposed Construction of new hospital block, quarters, mortuary, kitchen and residential buildings at SF.No. 43 and survey no. 321/18 PT, 3 at Rajasuriyamadaai Village, Ramanathapuram Taluk, Ramanathapuram District, Tamil Nadu. On perusal of the document submitted by the project proponent in G.O.(Ms) No.511 health and family Welfare (J2) department dated 12.11.2019 in par 3. Stated as follows:


In the Government order third read above, orders have been issued for transfer of land measuring an extent of 9.18.0 Ha, in S.F.No.322/1 V Part, 323 Part ,324 Part, 333 Part ,334 part, 335 part,336/1 part and 336/8 Part at Pattinamkathan Village in Ramanathapuram District, free of cost to Health and family welfare Department for establishment of New Government Medical College in Ramanathapuram District.

The Survey No. submitted in the proposal and G.o were found to be difference. Hence, the Authority decided to refer back the proposal to SEAC for necessary action on above points.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with following details.

Query: The survey no in the proposal and G.O were found to be different


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Survey number and Village Name as Per G.O (Ms) No.511 from Health and Family Welfare (J2) Department dated: 12-11-2019	Survey number and Village Name as per Application
Survey no: 322/IV part, 323 Part, 324 Part, 333 Part, 335 Part, 336/1 Part and 336/8 Part at Pattinamkathan Village in Ramanathapuram District.	Survey no: S.F.No. 43 and survey no. 321/18 PT, 3 at Rajasuriyamadai Village, Ramanathapuram Taluk, Ramanathapuram District, Tamil Nadu.

Clarification:

1. The land at Master Plan Complex (SF No322/1a part, 323 part, 324 part, 333 part, 334 part, 335 part, 335/1 part, 336/8 part) of Pattinamkathan village in Ramanathapuram district which is around 4 km from the existing headquarters hospital premises is selected, having total extend of 22.68 acres, have been allotted for the infrastructural development for the college and residential purposes
2. The existing facilities for 150 MBBS students in the Government District Hospital, Ramanathapuram and the requirement to be provided, were discussed with Dr. Sabeetha (Deputy Director of Medical Education), Dean (Medical College and Hospital Ramanathapuram), Chief Architect PWD, Joint Director (Health services Ramanathapuram), Hospital Superintendent, Residential Medical Officer, HOD of individual departments and other PWD Officials on 22-11-2019.
3. The availability of land in the District Headquarters Hospital, Ramanathapuram to establish the new medical college and hospital is not sufficient as per the MCI norms for 150 students. Hence it is decided by the District Collector and Health Department officials to accommodate the institute in a different campus within the radius distance 5 km from the District Headquarters Hospital, Ramanathapuram.
4. In this meeting, it was concluded that Hospital and allied buildings like 700 Bedded ward Building and OP Block, Mortuary, Modern Kitchen, RMO


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quarters, ARMO quarters and hostel for interns residents and nurses may be housed in existing hospital campus which is located in S.F No.43 and survey No 321/18 PT, 3 at Rajasuriyamadai Village, Ramanathapuram Taluk, Ramanathapuram District.

5. Further, decided to construct all the new proposals such as institution buildings and faculty block, auditorium, administrative block, Dean quarters, UG hostel for men and women, workshop, A type quarters and C&D type quarters in the New campus which is located in Survey no: 322/IV part, 323 Part, 324 Part, 333 Part, 335 Part, 336/1 Part and 336/8 Part at Pattinamkathan Village in Ramanathapuram District, mentioned in G.O (Ms) No.511 from Health and Family welfare (J2) Department dated: 12-11-2019.

6. Breakup details of the Building Constructed with Year wise

Breakup Details of Existing Buildings with Year of Construction

S No	Name of building	Year of Construction	Built-up Area (in Sq.m)
E-1	Accident Emergency Block (Trauma Care Centre)	2016	3594
E-2	Admin Block	2008	486
E-3	MCH Block	2020	7122
E-4	Sterilisation System	1999	14625
E-5	100 bedded ward	2014	1621.68
E-6	Super Speciality Block - G+2	2016	2384.67
E-7	Amma Unavagam	1999	124.43
E-8	DEIC (District early Intervention centre)	2018	469
E-9	OSC(One staff centre)	2008	593.18
E-10	Electrical Room	-	81.91
E-11	DG Room	-	46.66
E-12	MDR TB ward	-	98.55
E-13	Siddha Block	1999	338.84

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E-14	Pediatric Block	2001	1122.54
E-15	Pay & Use Toilet	2008	89.04
E-16	Mobile Police Station	1996	77.87
E-17	Malaria Lab	-	30.73
E-18	Patient Waiting Room	2019	229.85
E-19	Ambulance Shed	-	165.57
E-20	Pain and Pallative ward	1983	557.36
E-21	Main Block	1964	4916.6
E-22	Electrical Section	-	46.66
Total			24,343.39

Breakup Details of Proposed Buildings

S.no	Name of the building	Total Built-up Area (Sq.m)
P-1	700 Bed Hospital (G+7)	49512
P-2	CRR I QTRS (Male)	1770
P-3	CRR I QTRS (Female)	1770
P-4	RES QTRS (Male)	584
P-5	RES QTRS (Female)	584
P-6	RMO & ARMO	380
P-7	Nurse Hostel	2151
P-8	Kitchen	255
P-9	Mortuary	439
P-10	Ambulance Shed	51
P-11	Two Wheeler Shed	100
Total		57,596

Based on the presentation and document furnished by the project proponent, SEAC noted that the OM Dt. 9.6.2015 has stated that "*The matter has been further examined in the Ministry and it is clarified that the Notification No. S.O. 3252 (E) dated 22.12.2014 provides exemption to buildings of educational institutions including universities from obtaining prior Environment Clearance under*


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the provisions of the EIA Notification, 2006 subject to sustainable environmental Management. In case of medical universities/institutes the component of Hospitals will continue to require prior Environment Clearance”.

For this proposal the Hospital component is located in S.F No.43 and survey No 321/18 PT, 3 at Rajasuriyamadai Village, Ramanathapuram Taluk, Ramanathapuram District and educational institutions located in Survey no: 322/IV part, 323 Part, 324 Part, 333 Part, 335 Part, 336/1 Part and 336/8 Part at Pattinamkathan Village in Ramanathapuram District.

Based on the presentation and details furnished by the PP, SEAC decided to confirm the recommendation already made in 262nd SEAC meeting held on 8.4.2022.

Agenda No: 286-25

(File No: 9072/2022)


Proposed Construction of Buildings for Establishment of Multi Super Specialty Hospital at SF.No. 35, Adyar Village, Guindy Mambalam Taluk Guindy Chennai District by Project Co-ordinator, MSSH Guindy, King Institute - for Environmental Clearance- (SIA/TN/MIS/258013/2022 Dt. 22.2.2022)

The proposal was placed for appraisal in this 286th meeting of SEAC held on 17.6.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s Project Co-ordinator, MSSH Guindy, King Institute, has applied for Environmental Clearance for the proposed construction Buildings for Establishment of Multi Super Specialty Hospital at SF.No. 35, Adyar Village, Guindy Mambalam Taluk Guindy Chennai District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 8(a) “Building and Construction Projects” of the Schedule to the EIA Notification, 2006.
3. The project consists 1 Block – Semi Basement, GF +6 floors with total plot area is about 201034.20 Sq.m with Proposed built- up area of 51,188.63 sq.m .


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4. Earlier, this subject was placed before 257th SEAC meeting held on 25.3.2022. 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 certain conditions as stated therein.

Subsequently, this proposal was placed in 501st SEIAA meeting held on 22.4.2022. The Authority after detailed discussion, decided to refer back the proposal to SEAC.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with the above said details. The Committee referred to the recent Judgement pronounced by the Hon'ble Supreme Court of India in I.A. No. 100 of 2003 in the matter of Writ Petition No. 202 of 1995 dated 3rd June, 2022 and directed the PP to submit the implications of the above Judgement on the Proposal, with particular reference to Guindy National Park. SEAC, therefore, decided to defer the proposal.


Agenda No. 286-26

(File No: 489/2021)

Proposed Expansion of existing Information Technology Park (SEZ) by M/s HCL Technology Limited at S.No. 602/3, ELCOT special Economic zone of Sholinganallur village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu - for Environmental Clearance under MoEF & CC violation Notification dated: 14.03.2017 & 14.03.2019. (SIA/TN/MIS/42197/2017 Dt. 5.9.2019)

The proposal was placed in this 286th SEAC Meeting held on 17.6.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

Earlier this proposal was placed before 121th SEAC meeting held on 30.9.2018 and the Committee decided to recommend the proposal to SEIAA for grant of ToR under violation category. Subsequently the project proponent has issued with ToR vide Lr No. SEIAA-TN/F.No. 489/SEAC-CXXI/Violation/ToR-598/2019 Dt. 11.1.2019.


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The project proponent submitted the EIA reports including ToR compliance and has again been placed before 247th SEAC meeting held on 18.2.2022 (ref.247-10). Based on the presentation made by the proponent and the documents furnished, the Committee requested to furnish the following additional details from the project proponent.

1. Last 3 year turnover details including COVID period.

Further the SEAC has decided to constitute a Sub-Committee for onsite inspection and on the receipt of Sub-Committee's report this subject will be taken up for consideration. Based on that the Sub-Committee comprising of Thiru R. Thangaprakasam and Dr. K.S. Kavi Kumar has inspected the site on 12th May 2022 and the report is as follows.

Context and Chronology

- *The IT Park by HCL Technologies Ltd. is located in the ELCOT IT SEZ at Sholinganallur village. M/s. HCL Technologies Ltd. constructed its Information Technology Park on a plot area of 202341.3 Sqm and obtained Environmental Clearance for a built-up area of 231198 Sqm on 19.09.2008.*
- *The construction of Phase I buildings with a built-up area of 84643.16 sqm was completed in 2010 and operation was started after obtaining CTE and CTO from TamilNadu PCB.*
- *M/s HCL Technologies Ltd. Submitted proposal for expansion to MoEF, Gol on 20.09.2011, which in turn was forwarded to SEIAA-TN and ToR was issued on 04.06.2013.*
- *The proponent obtained plan approval from CMDA on 29.08.2013 and started construction without prior environmental clearance. Hence it was deemed as violation of EIA Notification, 2006.*
- *After a series of events as outlined in the minutes of 247th Meeting of SEAC, SEIAA- TN issued fresh ToR under violation category on 11.01.2019.*
- *The project proponent submitted EIA reports including ToR compliance and the same were placed before 247th SEAC Meeting held on 18.03.2022.*
- *SEAC constituted a sub-committee for onsite inspection of M/s HCL Technologies*


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- The sub-committee visited M/s HCL Technologies Ltd on 12.05.2022. Besides interacting with the project proponent, the sub-committee examined all the relevant documents and visited various environment management facilities at the project site.

Main Issue

- The relevant violation at M/s HCL Technologies Ltd pertained to the multi-level car parking (MLCP) facility. As against the original plan of G+2 floors, the project proponent constructed additional six floors in MLCP.
- Detailed examination of the relevant documents, including the plan approved by CMDA, revealed that the total built-up area of the project after expansion stands at 293917.11 Sqm – as against the approved built-up area of 231198 Sqm (as per EC given on 19.09.2008). Thus, 62719.11 Sqm built-up area didn't have necessary EC, and hence qualifies as the extent of violation.
- The entire extent of violation pertains to the MLCP building, and that too for the floors 3 to 8.

Observations

- All the environment management facilities at the project site are functioning as per details furnished by the proponent. These include STP facility, water recycling, development and maintenance of the greenbelt, utilization of terrace for solar power generation, handling of diesel for (back-up) power generation, utilization of organic waste for preparation of manure, solid waste management, e-waste management, rainwater harvesting etc.
- The organic waste convertor is well functioning and produces about 300 kg of compost per day for use as manure in the compound.
- The STPs (360 & 400 KLD) using MBR technology are also functioning well with the clean treated water being used for greenbelt development and flushing.
- The greenbelt development at the project site is impressive with close to 800 trees in the compound – with all the trees properly numbered and showcasing

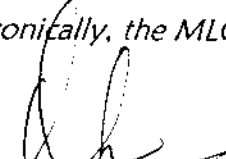

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significant biodiversity.

- *All terraces were utilized for solar panel installation in the project premises. Close to 1.2 MVA of solar power capacity is installed by the project proponent.*
- *The OSR area is not fully utilized for greenbelt development. This, the project proponent claims, is due to the fact that the OSR area remains under the control of ELCOT. Further exploration of issues related to OSR area within SEZ revealed the following points:*
 - *M/s HCL signed lease deed with ELCOT on 27/7/2005 for a total land of 50 acres located in Sholinganallur village in old S.No. 602/3 for a lease period of 90 years; and through a subsequent agreement signed on 27/9/2006 proposed to develop an IT park on the leased land*
 - *TN GO (Ms.) No. 23, dated 24/01/2012, issued orders requiring 10% land within SEZs to be handed over to local bodies. Further, CMDA has approved construction of IT park in a plot area of 45 acres, leaving 5 acres for OSR*
 - *However, as per D.O. No. D.12/32/2009-SEZ of Govt, dated 17/07/2012, the above GO (No. 23) of Govt of TN becomes void as OSR land cannot be handed over to local bodies (who are neither a co-developer nor a unit of SEZ), or the Developer (i.e., ELCOT in this case).*
 - *In view of the above, the OSR land (5 acres) shall be considered as land in possession of M/s HCL only. Hence, under these circumstances, M/s HCL shall take-up development and maintenance of greenbelt in the designated OSR area and report.*
- *Only few floors of MLCP are utilized by the project proponent as the need for car parking has declined overtime due to dynamically changing transport options including use of company buses and carpool facilities.*
- *The project proponent had to develop MLCP with eight floors as per the CMDA norms, but is able to utilize only 2-3 floors on an average. Ironically, the MLCP*


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with higher number of floors has placed the project in the 'violation' category due to its development without prior EC.

- The project cost attributable to the additional built-up area of 62719.11 Sqm is Rs. 74.36 crores.*
- The turnover of M/s HCL Technologies Ltd. for the years 2019, 2020 and 2021 was 8209, 8481, and 9263 crores, respectively. However, this turnover corresponds to M/s HCL Technologies Ltd. in total, and not specific to the Sholingnallur campus. Further, it may be noted that it is not feasible to assess turnover attributable to the expansion activity – viz., the additional floors in the MLCP.*

Remediation

- S.O. 804(E) provides guidelines for dealing with violation cases. Accordingly, in addition to the implementation of EMP in a time-bound manner, the project proponent (in the cases where the project activity is permissible) will be required to submit a bank guarantee equivalent to the amount of Remediation Plan and Natural and Community Resource Augmentation Plan.*
- The project proponent, based on the impact assessment carried out by the NABET accredited consultant, has proposed to undertake the following remediation activities in and around the project site.*
 - Remediation plan for Pallikaranai marshland and Buckingham Canal (including greenbelt development in the marshland) at a budget of Rs. 1.00 crore*
 - Remediation plan for Pallikaranai dumping site at a budget of Rs. 0.50 crore*
 - Socioeconomic development and community resource augmentation at a budget of Rs. 0.50 crore*
 - Total budget for the remediation activities: Rs. 2.00 crore*


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- *These remediation activities seem appropriate and hence SEAC may approve.*

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 SEAC assessed the project based on ecological damage, remediation plan and natural & community resource augmentation plan prepared and submitted by the NABET consultant on behalf of the proponent as per the above guidelines. The cost extract from the report is as follows:

Project cost for expansion- – 74.3Crores

1. **Ecological Damage Assessment, Remediation & Natural Resources Augmentation Plan,**
 - Ecological Restoration Plan - Pallikaranai Marsh Land & Buckingham Canal - 100 lakhs.
 - Remediation plan for Pallikaranai Dumping Site - 50 lakhs
2. **Community Resource Augmentation Plan**
 - Socio economic development and communal Augmentation- 50 lakhs
3. **CER activity- 25 lakhs**

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).


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Level of damages	Ecological remediation cost (% of project cost)	Natural resource augmentation cost (% of project cost)	Community resource augmentation 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 a procedural violation and hence, it is a **Low level Ecological damage**.

The SEAC accepted the total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 200 lakh arrived by the EIA coordinator. SEAC also accepted the amount of Rs. 25lakh allotted for CER activities by the proponent as committed.

The SEAC observed that the Proposed Expansion of existing Information Technology Park (SEZ) by M/s HCL Technology Limited at S.No. 602/3, ELCOT special Economic zone of Sholinganallur village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu is categorized under the “**Low 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



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finalized by the concerned Regulatory Authority and the bank guarantee shall be deposited.

2. Accordingly, the amount prescribed for Ecological remediation augmentation, community resource augmentation, totalling Rs. 200 lakh. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 200 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 competent Authority before obtaining CTO.
4. The project proponent shall operate and maintained STP of the capacity 360 KLD & 400 KLD using MBR technology 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 de-watered 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.


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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-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 spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
13. 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.


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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) 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. 25 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.


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Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	விலவம்
2	<i>Adenanthera pavonina</i>	Manjadi	மஞ்சாடி. ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Uai	உச்சி
5	<i>Bauhinia purpurea</i>	Manthara	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathu	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iravathi	இரவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkanaram	முருக்கமரம்
11	<i>Borax cerva</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inchoyifolium</i>	Purnai	புனை
13	<i>Cassia fistula</i>	Sarakondrai	சரகொண்டை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொண்டை
15	<i>Chloroxylon swietenia</i>	Purassamaram	பரசுமரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவுளி
18	<i>Croton adansonii</i>	Mavalangum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Siruuzha	சீரு உசா
21	<i>Diospyros ebenina</i>	Karungali	கருங்காலி
22	<i>Diospyros schloroxylon</i>	Vagana	வாகனை
23	<i>Ficus amphissima</i>	Kallitchi	கல் திச்சி
24	<i>Hibiscus tiliaceus</i>	Aatrupoovarasu	ஆற்றுப்பவரசு
25	<i>Hardenkia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelea integrifolia</i>	Aavil	ஆயா மரம், ஆயில்
27	<i>Lamium ceramandica</i>	Odham	ஓதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விலா மரம்
31	<i>Litsea glutinos</i>	Pisimpattai	பிசிம்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Minuosops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitrasena parvifolia</i>	Kadambru	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestris</i>	Eachai	ஏச்சைமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்


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40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	நடு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanri marani	வன்னி மரம்
44	<i>Pterocarpus marsipium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பலவு
47	<i>Putranjiva roxburghii</i>	Karipala	கற்பூசா
48	<i>Salvadora persica</i>	Ugaa Marani	அகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்பங்கன் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strobilus asper</i>	Piray marani	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	யெட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாங் கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia bellerica</i>	Thandri	தாண்ட்ரி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsbya arifolia</i>	valbura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecollobium dulce</i>	Kodukkapuli	கொடுக்காப்பூள்

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

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEAC-4-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி _____ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி	குவாரியின் எல்லைவயச் சுற்றி வேலி அமைக்க வேண்டும்.
மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுரங்கப்பாதையின் ஆழம் தளமட்டத்திலிருந்து _____ மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாசுபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லைவயச் சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் 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 சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராபம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலைவழி தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் திட்டமிட்ட நீரின் தூத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து சுனிய 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.	
முழுமைபடாத நிபந்தனைகளை அறிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும் மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்கள் குறித்து சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் டிரைன்கிணைந்த வட்டார அலுவலகம் 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொரியாளரை அணுகவும்.	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN