

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 225<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 13<sup>th</sup> August 2021 (Friday) at SEIAA Conference hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects through video conference.

Agenda No: 225-01

(File No: 8252/2021)

Proposed Gravel & pebbles quarry lease over an extent of 0.78.0Ha at S.F.Nos: 90/5B & 95/2B of Vilangalpattu Village, Cuddalore Taluk, Cuddalore District, Tamil Nadu by Thiru.T.Prakash- For Environmental Clearance.


(SIA/TN/MIN/193812/2021, dated: 19.01.2021)

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Prakash, has applied for Environmental Clearance for the proposed Gravel & pebbles quarry lease over an extent of 0.78.0Ha at S.F.Nos: 90/5B & 95/2B of Vilangalpattu Village, Cuddalore Taluk, Cuddalore 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 the five years states that the total quantity of recoverable as 9019 cu.m of Gravel & 1002 cu.m of pebbles and the ultimate depth of mining is 5m.


During initial discussions, it was found both the precise area communication letter (not in proper format) and the 500m letter from AD mines are not in order (Validity dates are not mentioned). SEAC decided that the project proponent shall obtain a

  
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revised 500m AD mines letter and also shall obtain precise area communication letter from the District Collector.

Agenda No: 225-02

(File No: 8257/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.91.6Ha at S.F.Nos. 115/2(Part), 116(Part) & 117 of Alangulam Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.M.Soundarrajan- For Environmental Clearance.


(SIA/TN/MIN/193900/2021, dated: 20.01.2021)


The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Soundarrajan, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 0.91.6Ha at S.F.Nos. 115/2 (Part), 116 (Part) & 117 of Alangulam Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 67350 cu.m of Rough stone & 18744 cu.m of Gravel and the ultimate depth of mining is 28m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

  
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1. 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.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.

  
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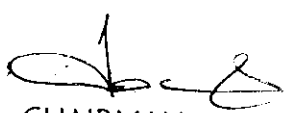
**S. S. JAYARAJ**  
Chairman  
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12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
15. 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.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Virudhunagar District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
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**P. S. SATHYANARAYANA**  
Chairman  
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Agenda No: 225-03

(File No: 8264/2021)

Proposed Rough Stone quarry lease area over an extent of 0.80.0Ha at S.F.Nos. 427/1 (Part-2) of Arumpakkam Village, Katpadi Taluk, Vellore District, Tamil Nadu by Tmt.K.Sangeetha- For Environmental Clearance.

(SIA/TN/MIN/194272/2021, dated: 21.01.2021)

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.K.Sangeetha, has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of 0.80.0Ha at S.F.Nos. 427/1(Part-2) of Arumpakkam Village, Katpadi Taluk, Vellore 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.

The project proponent was absent for the meeting, and hence the project is deferred. Further the SEAC instructs the SEIAA office to obtain the reason for not attending the meeting by the project proponent in writing and may place the same when the project comes again for appraisal.


Agenda No: 225-04

(File No: 8269/2020)

Proposed Rough Stone quarry lease area over an extent of 2.68.5Ha at S.F.Nos. 130/1 of Manalur Village, Sankarapuram Taluk, Viluppuram District, Tamil Nadu by Thiru.A.Sathikbasha- For Environmental Clearance.

(SIA/TN/MIN/187656/2020, dated: 12.12.2020).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on

  
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13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Sathikbasha, has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of 2.68.5Ha at S.F.Nos. 130/1 of Manalur Village, Sankarapuram 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. The production for the five years states that the total quantity of recoverable as 319262 cu.m of Rough Stone & 958 cu.m of topsoil and the ultimate depth of mining is 41m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. Since there is a canal and an odai located at 670m and 650m respectively from the site and there are 2 tanks one on the north and the other on south side and considering the hydro-geological regime of the surrounding area as well as to ensure sustainable and safety mining it is decided to restrict the depth of mining to 31m ultimate depth and quantity of 283597 cu.m of Rough stone & 958 cu.m of topsoil for five years with a bench height of 5m as per the approved mining plan.
2. 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.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.

  
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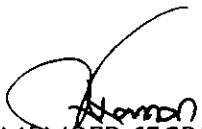
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4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

  
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Chairman  
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14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP for 2 lakhs mentioning all the activities particularly sanitizing facility and smart class facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Viluppuram District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
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Agenda No: 225-05

(File No: 8271/2021)

Proposed Rough stone & Gravel quarry lease area over an extent of 1.09.5Ha at S.F.Nos.148/1A(P), 156/A(P) & 156/B2B (P) of Devanampalayam Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru.K.Manokaran - For Environmental Clearance.

(SIA/TN/MIN/194291/2021, dated: 21.01.2021).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Manokaran, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.09.5Ha at S.F.Nos. 148/1A(P), 156/A(P) & 156/B2B (P) of Devanampalayam Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 42934 cu.m of Rough stone, 720 cu.m of weathered rock & 1020 cu.m of Gravel and the ultimate depth of mining is 44m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:


1. Restricting the depth of mining to 39m ultimate depth and quantity of 40979 cu.m of Rough stone, 720 cu.m of weathered rock & 1020 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan considering the

  
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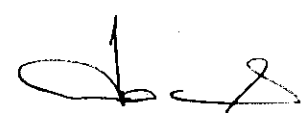
  
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- hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
  3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
  4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
  5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
  6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
  7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
  8. 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.
  9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
  10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
  11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

  
MEMBER SECRETARY  
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Member Secretary

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SEAC - TN  
Chennai-15

12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility and smart class facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Coimbatore District in the mining plan approval and the Precise area

  
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communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225-06

(File No: 8279/2020)

Proposed Rough Stone quarry lease area over an extent of 0.67.0Ha at S.F.Nos. 89B of Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru.N.Gopal - For Environmental Clearance.

(SIA/TN/MIN/190626/2020, dated: 30.12.2020).


The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

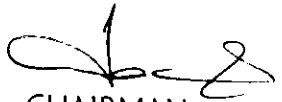
1. The project proponent, Thiru.N.Gopal, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.67.0Ha at S.F.Nos. 89B of Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 50020 cu.m of Rough Stone and the ultimate depth of mining is 26m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. 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.

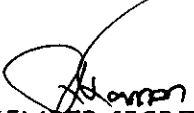
  
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Chairman  
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2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

  
MEMBER SECRETARY  
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Member Secretary  
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13. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
15. 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.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Coimbatore District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
MEMBER SECRETARY  
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SEAC- TN

Agenda No: 225-07

(File No: 8280/2021)

Proposed Rough stone quarry lease area over an extent of 1.20.0Ha at S.F.Nos. No.49Part of Thathanaickenpatti Village, Palani Taluk, Dindigul District,Tamil Nadu by Thiru.S.Manikandan- For Environmental Clearance.

(SIA/TN/MIN/195075/2021, dated: 27.01.2021).


The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Manikandan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.20.0Ha at S.F.Nos.49Part of Thathanaickenpatti Village, Palani 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.
3. The production for the five years states that the total quantity of recoverable as 137140 cu.m of Rough stone & 8100 cu.m of Topsoil and the ultimate depth of mining is 40.4m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. Restricting the depth of mining to 35.4m ultimate depth and quantity of 135140 cu.m of Rough stone & 8100 cu.m of topsoil for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.

  
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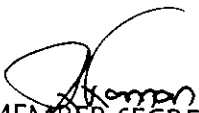
  
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Member Secretary  
SEAC - TN  
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CHAIRMAN  
SEAC- TN

2. 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.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.

  
MEMBER SECRETARY  
SEAC-TN


R. KANNAN  
Member

  
CHAIRMAN  
SEAC- TN

Director  
SEAC  
Tamil Nadu



13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Pudukkottai District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
MEMBER SECRETARY  
SEAC -TN

**R. KANNAN**  
Member Secretary  
SEAC - TN  
Chennai-15

  
CHAIRMAN  
SEAC- TN

Agenda No: 225-08

(File No: 8281/2021)

Proposed Gravel & laterite quarry lease area over an extent of 2.02.5Ha at S.F.Nos. 220/7C2 of Naduveerapattu Village, Cuddalore Taluk, Cuddalore District, Tamil Nadu by Thiru.R.Murugan- For Environmental Clearance.

(SIA/TN/MIN/195378/2021, dated: 29.01.2021).


The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Murugan, has applied for Environmental Clearance for the proposed Gravel & laterite quarry lease area over an extent of 2.02.5Ha at S.F.Nos. 220/7C2 of Naduveerapattu Village, Cuddalore Taluk, Cuddalore 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 the five years states that the total quantity of recoverable as 31894 cu.m of Gravel & 7974 cu.m of Topsoil and the ultimate depth of mining is 5m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

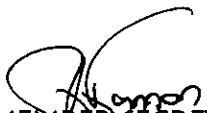
1. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.

  
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Member Secretary

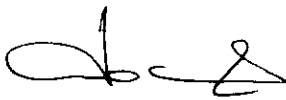
  
CHAIRMAN  
SEAC- TN

3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

  
MEMBER SECRETARY  
SEAC -TN


**R. KANNAN**  
Member Secretary  
SEAC - TN  
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CHAIRMAN  
SEAC- TN

13. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
15. 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.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Cuddalore District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
MEMBER SECRETARY  
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Member Secretary  
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SEAC- TN

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AgendaNo: 225-09

(FileNo: 8286/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.40.0Ha at S.F.Nos.163/1A2 (part) & 136/1B (part) of Marungathozhuvu village, Perundurai Taluk, Erode District, Tamil Nadu by Tmt.G.Chandravathani- For Environmental Clearance.

(SIA/TN/MIN/194915/2021, dated: 25.01.2021).

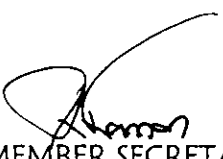
The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt.G.Chandravathani, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 2.40.0Ha at S.F.Nos.163/1A2 (part) & 136/1B (part) of Marungathozhuvu village, Perundurai Taluk, Erode 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 the five years states that the total quantity of recoverable as 239052 cu.m of Rough Stone & 3136 cu.m of Gravel and the ultimate depth of mining is 42m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. Restricting the depth of mining to 32m ultimate depth and quantity of 179802 cu.m of Rough stone & 3136 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan considering the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.

  
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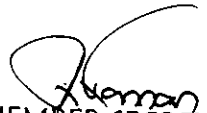
  
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CHAIRMAN  
SEAC- TN

2. The committee noted that the project proponent has not followed the mine plan conditions namely leaving the proper benches at every 5m interval over the depth. Also there was no fencing and there is no development of green belt is seen at the site in which they have already carried out the mining.
3. 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.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
7. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
8. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
9. 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.
10. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.

  
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Member Secretary  
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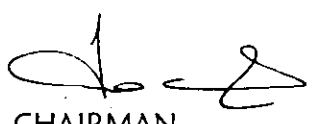
  
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SEAC- TN

Chairman  
SEAC -TN  
Chennai-15

12. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
13. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
14. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
16. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. 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.
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. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
20. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.

  
MEMBER SECRETARY  
SEAC - TN

**R. KANNAN**  
Member Secretary  
SEAC - TN  
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SEAC- TN

21. All the conditions imposed by the Assistant Director, Geology & Mining, Erode District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225-10

(File No: 8287/2021)

Proposed Gravel & pebbles quarry lease area over an extent of 2.17.0Ha at S.F.Nos. 94/1C, 2, 72/3C, 7, 8, 9A, 9B, 9C, 10, 73/10 & 4A(P) of Nadiyappattu Village, Vridhachalam Taluk, Cuddalore District, Tamil Nadu by Thiru.V.Chakravarthy- For Environmental Clearance.

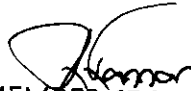
(SIA/TN/MIN/195694/2021, dated: 30.01.2021)

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Chakravarthy, has applied for Environmental Clearance for the proposed Gravel & pebbles quarry lease area over an extent of 2.17.0Ha at 94/1C, 2, 72/3C, 7, 8, 9A, 9B, 9C, 10, 73/10 & 4A(P) of Nadiyappattu Village, Vridhachalam Taluk, Cuddalore 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 the two years states that the total quantity of recoverable as 7499 cu.m of gravel & 22498 cu.m of pebbles and the ultimate depth of mining is 2m below ground level.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

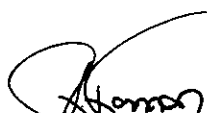
  
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SEAC -TN

R. KANNAN  
Member Secretary

  
CHAIRMAN  
SEAC- TN



1. The project proponent shall submit an undertaking for re-planting of the existing 13 large trees in the project site.
2. 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.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

  
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Member Secretary  
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SEAC- TN

12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP for 1.5 Lakhs mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Cuddalore District in the mining plan approval and the Precise area

  
MEMBER SECRETARY  
SEAC-TN

R. KANNAN  
Member Secretary  
SEAC-TN  
Cuddalore

  
CHAIRMAN  
SEAC-TN

communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225-11

(File No: 8290/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.85.5Ha at S.F.Nos. 43/2A2 of Anuppati Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru.S.Naveenkumar- For Environmental Clearance.

(SIA/TN/MIN/193004/2021, dated: 14.01.2021)


The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Naveenkumar, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 0.85.5Ha at S.F.Nos. 43/2A2 of Anuppati Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 50510 cu.m of Rough Stone, 14220 cu.m of weathered rock & 11220 cu.m of Gravel and the ultimate depth of mining is 35m.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:


1. Restricting the depth of mining to 30m ultimate depth and quantity of 50050 cu.m of Rough stone, 14220 cu.m of weathered rock & 11220 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan considering

  
MEMBER SECRETARY  
SEAC - TN

R. KANNAN  
Member Secretary  
SEAC - TN  
Chennai-15

  
CHAIRMAN  
SEAC- TN

- the hydrogeological regime of the surrounding area as well as to ensure sustainable and safe mining.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to SEIAA once in six months.
  3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
  4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
  5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
  6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
  7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
  8. 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.
  9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
  10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
  11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

  
MEMBER SECRETARY  
SEAC -TN

R. KANNAN  
Member Secretary  
SEAC - TN  
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12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Tiruppur District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
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Agenda No: 225-12

(File No: 8292/2021)

Proposed Rough Stone quarry lease area over an extent of 2.07.0Ha at S.F.Nos. 144/2C, 2D, 2F, 2G of Maruthamputhur Part-II Village, Alangulam Taluk, Tenkasi District, Tamil Nadu by Thiru.M.Niraikulathan - For Environmental Clearance. (SIA/TN/MIN/196616/2021, dated: 05.02.2021).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Niraikulathan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 2.07.0Ha at S.F.Nos. 144/2C, 2D, 2F, 2G of Maruthamputhur Part-II Village, Alangulam Taluk, Tenkasi 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 the five years states that the total quantity of recoverable as 146820 cu.m of Rough Stone & 33060 cu.m of Gravel and the ultimate depth of mining is 33 m below ground level.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. Since there are 79 wells and 4 water bodies nearby the mining area and also considering the hydro-geological regime of the surrounding area as well as to ensure sustainable and safe mining it is decided to restrict the depth of mining to 23m ultimate depth and quantity of 117235 cu.m of Rough stone & 33060 cu.m of Gravel for five years with a bench height of 5m as per the approved mining plan.

  
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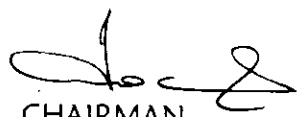
  
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2. The project proponent shall not do mining activity in the place where trees are present.
3. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
7. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
8. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
9. 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.
10. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
12. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.


  
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13. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
14. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
16. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
17. 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.
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. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
20. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility and smart class facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.

  
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21. All the conditions imposed by the Assistant Director, Geology & Mining, Tenkasi District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225-13

(File No: 8296/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.12.0Ha at S.F.Nos. 301/A(P), 301/2A1(P), 283/2(P) of Othakkal Mandabam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru.A.Ramalingam- For Environmental Clearance.

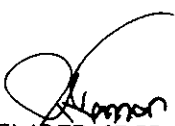
(SIA/TN/MIN/194454/2021, dated: 22.01.2021).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Ramalingam, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.12.0Ha at S.F.Nos. 301/A(P), 301/2A1(P), 283/2(P) of Othakkal Mandabam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 42780 cu.m of Rough stone & 2288 cu.m of Gravel and the ultimate depth of mining is 47m below ground level.

Based on the presentation and documents furnished by the project proponent, no benches were observed and hence SEAC decided to make an on - the - spot site inspection to assess the present status of the site by the sub-committee constituted by the SEAC and also SEAC decided to restrict the depth to 32m. Based on the inspection

  
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report SEAC would further deliberation on this project and decide the further course of action.

Agenda No: 225-14

(File No: 8300/2021)

Proposed Rough stone & Gravel quarry lease area over an extent of 4.95.0Ha at S.F.Nos.891(P) of Kumbikulam Village, Radhapuram Taluk, Tirunelveli District ,Tamil Nadu by Thiru.P.M.R.Ajish Raja- For Environmental Clearance.

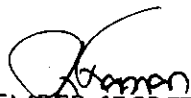
(SIA/TN/MIN/195809/2021, dated: 01.02.2021).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.M.R.AjishRaja, has applied for Environmental Clearance for the proposed Rough stone & Gravelquarry lease area over an extent of 4.95.0Ha at S.F.Nos. 891(P) of Kumbikulam 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. The production for the five years states that the total quantity of recoverable as 945000 cu.m of Rough stone & 76212 cu.m of Gravel and the ultimate depth of mining is 42m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC observed that there are many tanks and canal nearby the site and hence SEAC decided to make an on - the - spot site inspection to assess the present status of the site by the sub-committee constituted by the SEAC and also SEAC decided to restrict the depth to 32m.Based on the inspection report SEAC would further deliberation on this project and decide the further course of action.

  
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Agenda No: 225-15

(File No: 8302/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.62.0Ha at S.F.Nos. 465/1 & 465/2 of Pulimancombai Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru.S.Alagarsamy- For Environmental Clearance.

(SIA/TN/MIN/197182/2021, dated:08.02.2021).

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. 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.Alagarsamy, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.62.0Ha at S.F.Nos. 465/1 & 465/2, of Pulimancombai Village, Andipatti Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 131775 cu.m of Rough Stone & 35022 cu.m of Gravel and the ultimate depth of mining is 43m below ground level.

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 following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. The project proponent shall leave the whole western side pit and the quantity is restricted to 118895 cu.m of Rough stone & 32580 cu.m of Gravel for five years with a bench height of 5m.
2. The proponent is also instructed to get the approval for the revised mine plan from the AD mines before getting the CTO from TNPCB.

  
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3. 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.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper green belt should be developed along the boundary/periphery of mines for sufficient width in order to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

  
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14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Theni District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225-16

(File No: 382/2017)

Proposed construction for Area and Township Development at S.F.Nos. 51/1, 2, 3, 4, 5, 9A, 9B, 10, 52 / 2A, 2B, 2C, 3A, 3B, 53 / 2A1, 2A2, 2B, 2C, 2D, 2E, 2F, 2G, 2H,

  
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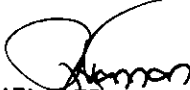
  
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The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/S. ETA Star Tech city (P) Ltd, has applied for Environmental Clearance for the proposed construction for Area and Township Development at S.F.Nos. 51/1, 2, 3, 4, 5, 9A, 9B, 10, 52 / 2A, 2B, 2C, 3A, 3B, 53 / 2A1, 2A2, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 54 / 1, 2, 9A, 9B, 9C, 10, 11, 12, 13, 16, 17, 55 / 4A, 4B, 5, 6, 7, 8, 11, 12, 56 / 1, 2, 3, 4, 5, 6, 7A, 7B, 10, 11A, 11B, 12, 13, 14, 15, 57/ 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20A, 20B, 21, 22, 58/ 1A, 1B, 2A, 2B, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18, 59/ 5, 6, 7, 8, 9, 10, 14, 16, 17, 60 / 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18, 61 / 1, 2, 4, 6, 7A, 7B, 8A, 8B, 62 / 1, 2, 4A, 4B, 5, 6, 7, 8, 9, 10, 11A, 11B, 63 / 5A, 68 /1, 2A1, 2A3, 2A4, 69 / 1, 2, 3, 7, 8, 9, 10, 11A, 11B, 12, 13, 14, 15, 16, 17, 18A, 70 / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12A, 12B, 13A, 13B, 14A, 14B, 71 / 1, 2, 3, 4, 5, 8, 11, 72 /

  
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2. The project/activity is covered under Category "B2" of Item 8(b) "Township area development project" of the Schedule to the EIA Notification, 2006.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) under violation, subject to the following ToR in addition to the standard terms of reference for EIA study and details issued by the MoEF&CC to be included in EIA/EMP report:


1. The proponent shall furnish a table depicting a time line of construction shall be submitted.
2. The proponent shall furnish the design details of the STP and Grey water treatment system after revising the water balance.
3. The project proponent shall revise over all water balance and shall reuse the treated grey water.
4. The proponent shall furnish operational history of STP for last 4 years.
5. The proponent shall submit revised plan approval from DTCP.
6. The proponent shall measure air quality and mitigation measures.
7. The project acquires many water channels and hence the proponent shall submit all the GO copies for land conversion.
8. As per G.O. Ms. No. 142 approval from central Ground water Authority shall be obtained for withdrawal of water and furnish the copy.
9. Commitment letter from CMWSSB for supply of water shall be furnished.
10. Copy of the village map, FMB sketch and "A" register shall be furnished.
11. Detailed Evacuation plan during emergency/natural disaster shall be submitted.
12. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.

  
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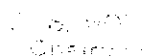
  
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13. Details of the Solid waste management plan shall be prepared as per solid waste management Rules, 2016 and shall be furnished.
14. Details of the E waste management plan shall be prepared as per E waste management Rules, 2016 and shall be furnished.
15. Details of the Rainwater harvesting system proposed should be furnished.
16. A detailed storm water plan to drain out the storm water entering the premises during heavy rainy period shall be prepared including main drains and sub-drains in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015 and also considering the surrounding development. The storm water drain shall be designed in accordance with the guidelines prescribed by the Ministry of Urban Development.
17. The proposed OSR area should not be included in the activity area. The OSR area should not be taken into account for the green belt area.
18. The layout plan shall be furnished for the greenbelt area earmarked with CPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. The green belt width should be at least 3m wide all along the boundaries of the project site. The green belt area should not be less than 15% of the total land area of the project.
19. 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.
20. Cumulative impacts of the Project considering with other infrastructure developments in the surrounding environs shall be furnished.
21. A detailed post-COVID health management plan for construction workers as per ICMR and MHA or the State Govt. guideline may be followed and report shall be furnished.
22. The project proponent shall furnish detailed baseline monitoring data with prediction parameters for modeling for the Emission, Noise and Traffic.

  
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23. The details of Rain Water Harvesting Plan with cost estimation shall be furnished.

24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Since the project comes under violation category, SEAC decided to make an on - the - spot site inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

**Agenda No: 225-17**

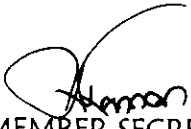
(Old File No: 3064/2021 New File No: 7467/2021)

Proposed Construction of Hospital and Educational Institution at S.F.Nos: 88/1B1B, 1B2B, 1B3B, 2B1B, 2B2, 3, 4, 5, 6,7,8A (Pt), 8B, 89/1B1B, 1B2B, 1B3B, 1B4B, 1B5B, 1B6, 2, 90/1, 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3B, 3C, 3D, 91/2, 94/1(Pt) in Nalrayanpatti Village, S.Nos. 97/2A2, 2B, 2C, 3B1B, 3B2B, 3B3B, 3B4B, 3B5B, 386, 3B7, 4A, 4B, 4C, 4D,5A, 5B, 7A, 7B in Nalrayanpatti village, Survey No. 38,39(pt), 48/8(Pt), 9, 10, 11, 16, 54/1, 2, 3, 4, 8, 10, 11, 12, 13, 15, 17, 21, 22, 23, 24,25, 26, 27, 55/1, 2(pt), 3, 4, 5, 117/ 1 , 3(pt), 118/1, 2, 3, 119/1, 2, 7, 8, 9, 120/6, 7 in Chinnaseeragapadi Village in Survey No. 37/2C, 2E, 2F, 40/1N, 2, 3D(Pt), 42/5A, 6A, 6B, 6E, 6F, 6I, 6J, 6K, 7, 8A, 9, 10, 11A, 11B, 13 in Veerapandi Village, Veerapandi Panchayat Union, Salem Taluk, Salem District, Tamil Naduby M/s.Vinayaka Mission's Kirupananda Variyar Medical College & Hospital - For Environmental Clearance.

(SIA/TN/MIS/205218/2018, Dated: 23.03.2021)

The proposal was placed for appraisal in this 224<sup>th</sup> meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

  
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1. The project proponent, M/s.Vinayaka Mission's Kirupananda Variyar Medical College & Hospital, has applied for Environmental Clearance for the proposed Construction of Hospital and Educational Institution of S.F.Nos:88/1B1B, 1B2B, 1B3B, 2B1B, 2B2, 3, 4, 5, 6,7,8A (Pt), 8B, 89/1B1B, 1B2B, 1B3B, 1B4B, 1B5B, 1B6, 2, 90/1, 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3B, 3C, 3D, 91/2, 94/1(Pt) in Nalrayanpatti Village, S.Nos. 97/2A2, 2B, 2C, 3B1B, 3B2B, 3B3B, 3B4B, 3B5B, 386, 3B7, 4A, 4B, 4C, 4D,5A, 5B, 7A, 7B in Nalrayanpatti village. Survey No. 38,39(pt), 48/8(Pt), 9, 10, 11, 16, 54/1,2, 3, 4, 8, 10, 11, 12, 13, 15, 17, 21, 22, 23, 24,25, 26, 27, 55/1, 2(pt), 3, 4, 5, 117/ 1, 3(pt), 118/1, 2, 3, 119/1, 2, 7, 8, 9, 120/6, 7 in Chinnaseeragapadi Village in Survey No. 37/2C, 2E, 2F, 40/1N, 2, 3D(Pt), 42/5A, 6A, 6B, 6E, 6F, 6I, 6J, 6K, 7, 8A, 9, 10, 11A, 11B, 13 in Veerapandi Village. Veerapandi Panchayat Union, Salem Taluk, Salem District, Tamil Nadu under violation for the proposed expansion of medical college
2. The project/activity is covered under Category "B1" of Item 8(b) "Township area development project" of the Schedule to the EIA Notification, 2006.
3. Violation ToR issued vide Letter No. SEIAA-TN/F.No.3064/Violation/TOR-823/2020 Dated: 23.11.2020.
4. EIA Report submitted to SEIAA office on 06.07.2021.

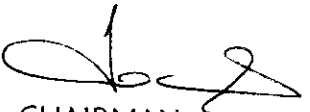
During meeting, SEAC noticed that the checklist pertaining to this proposal was not received from SEIAA. Hence, SEAC decided to take up the said proposal for appraisal in any one of the ensuing SEAC meetings after the receipt of checklist from SEIAA.

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The project proponent submitted the above Said details on 16/08/2021.

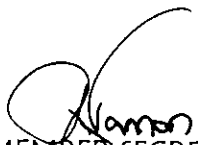
  
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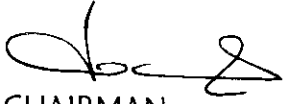
### Ecological Damage, Remediation Plan and Cost

S.N o.	Attributes / Parameter	Activity	Issue	Related Damage	Remediation / EMP suggested	Estimated Cost of Damage / Remediation
1.	Air Environment	Site Clearance Excavation Infrastructure development Construction activity Operation of DG sets and other construction equipment's / machinery.	Dust generation Gases emissions Vehicle exhaust Emissions from fire wood and cooking gas	Air pollution due to particulates and gases. Change in water quality due to dust. Emission of VOC from woodwork and painting.	Isolated the construction area with flexible enclosures. Sprinkling of water was done at regular interval in the construction area and unpaved roads by truck mounted sprinklers. Proper maintenance of vehicles. The heavy vehicles	Total Cost on Water sprinkling and dust suppression system is Rs. 30,000. Maintenance tor vehicles Rs.15,000. Ambient air quality monitoring insensitive areas Rs 40,000.

  
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					moving offsite were wellcovered. Low sulphur fuels for transportation and for DG sets were used. Monitoring was done during construction activity.	
2.	Ecological Environment	Site clearance No Cutting of existing trees	Loss of vegetation In the protect site, Habitat loss to fauna specially avi-fauna	Loss of native Flora and aesthetic view	Plantation of native species Development of green belt all along the boundary.	Greenbelt development cost Rs.35,000/-
3.	Noise Environment	Movement of construction equipment's and machineries. Construction activities.	Noise generation & increase in noise level. Noise & vibration	Health issue due to increase in noise level to construction workers.	The work was limited to day time. Use of machineries having highest	Protective Equipment Rs 10,000.

  
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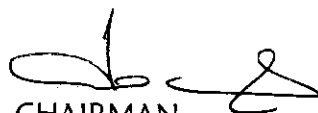
			Due to construction Activity and operation of D.G.Set		standard and comply with national standard that take care of noise and vibration. The impact due to noise was Reduced by use of acoustic enclosures for machineries and personal protective measures like,earplugs, earmuffs etc.	
4.	Soil / Land Environment	Excavation Generation of hazardous wastes like empty cans of varnish,paints , etc, during construction activity	Unmanage /un-control storage of excavated soil,Losing its texture, productivity and fertility status.	Changes in soil Quality. Soil Degradation over flow of drains due	The excavated top soil was used to develop the green belt within the project site.	For Greenbelt development, Cost is Rs. 35,000

  
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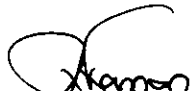
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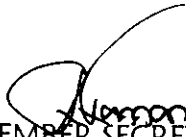
			Chocking of drains due to surface runoff during rainy season. Change in topography and drainage pattern. Un managed dumping. Nuisance creation. Toxicity generation, health effect	to chocking with soil during rainy season. Contamina tion of soil /water, Effect on flora/fauna , Health effect on workers handling chemicals /paints etc	Providing an isolated leachate proof storage facility for hazardous waste.	Secured intermediate leachate proof facility for storage = 20,000/-
5.	Water Environment	Freshwater Site preparation & infrastructure development Construction activities. Temporary stay of	Utilization of large quantity of water for dust suppression, consolidation and compaction Domestic	The rain water stored at site was used for construction purpose Source of water supply	Adequate toilets have been provided for construction labours and the sewage were discharged properly	Restoration cost = 25,000/- Water analysis cost 15,000/-

  
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		construction workers (domestic consumption)	water Consumption.	from TWAD Board.	into soak pit through septic tank. During monsoon season runoff from construction site were routed to a temporary sedimentation tank for settlement of suspended solids.	
		Wastewater	Wastewater generation from cleaning machinery, equipment's and vehicles. Domestic wastewater generation	Discharge of contaminated water to the land and to the water channel / drainage. Discharge	Sewage treatment plant.	Maintenance = 25,000/-

  
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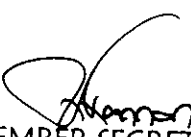
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		Storm water runoff	from workers.  Sediment load Contamination of runoff due to non-point source pollution.	of domestic sewage to the protect site.  Deterioration of the water channel / drain and impact on aquatic life.	Proper channelization of storm water with intermediate grit chambers in the public drain within the area. The Vicinity of the project site is frequently cleaned to remove all non-point sources before monsoon.	Cleaning cost = 25,000/-
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The cost assessment related to environmental degradation and its remediation as stated above is: Rs. 2,75,000/-

  
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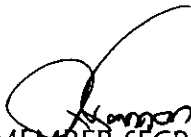
  
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Natural and Community Resource Augmentation Plan with budgetary allocation

S.No.	Activity	Budgetary Allocation (Rs.)	
A.	NATURAL RESOURCE AUGUMENTATION PLAN		
i.	Development of additional Rain water harvesting and ground water recharge structure	2,00,000	
ii.	Provision of additional solar panel lighting in common areas		
iii.	Plantation in common areas of villages		
	Total (A)	2,00,000	
B.	COMMUNITY AUGUMENTATION PLAN		
B-1	Infrastructure Development Work		
i.	Installation of RO Plant for safe drinking water supply at nearby Government School.	3,00,000	
B-2	Soft skill Development Work		
i.	Organize skill development program for sustainable income generation & livelihood for the community like training on scientific agricultural practices, tailoring, embroidery, etc.		
ii.	Imparting entrepreneurship development training to local people		
Total fund allocated towards natural and community resource augmentation plan. Total: A + (B1 + B2)		5,00,000	

The complete ecological remediation cost, natural and community resource augmentation cost of Rs. 7,75,000/-

  
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As per the SEAC advice the Damage cost for 7 years (2014-2021) were calculated as below

**DAMAGE COST DETAILS (Year-wise):**

Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost (total cost)						
First Year 2014-2015	Second Year 2015- 2016	Third Year 2016-2017	Fourth Year 2017-2018	Fifth Year 2018-2019	Sixth Year 2019-2020	Seventh Year 2020-2021
Rs.7,75,000	Rs.7,75,000	Rs.7,75,000	Rs.7,75,000	Rs.7,75,000	Rs.7,75,000	Rs.7,75,000
			Total cost	54,25,000		

**Proposal for Corporate Environmental Responsibility:**

S. No	CER Activity	Capital Allocation (in Lakhs)
1	Improvement of school infrastructure, sanitation facility, library, Drinking water treatment plant, solar lighting & smart class (LED Projector with computer) for Government Boys Higher Secondary School, Veeraganur	25
	Government Girls Higher Secondary School, Veeraganur	25
	Government Higher secondary school, Veerapandi	16
Total Cost Allocation		66

Based on the inspection report and the violation notification, 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:

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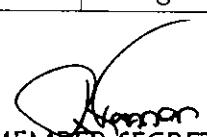
- a. Procedural violations (started the construction at site without obtaining EC)  
 Infrastructural violation such as deviation from CMDA/local body approval.
- b. Under Operation (occupied).

Level of damages	Ecological remediati on cost (% of project cost)	Natural resource augmentati on cost (% of project cost)	Community resource augmentatio n 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

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the project proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria, as per category 3, stated above.

For the project cost, the proponent has submitted the building valuation report for violated area Dated: 16.07.2021 from the Chartered Engineer (No: M/1175/594/1). In that certificate it is given as follows.

Estimation present value of the construction as on 31/03/2019			
S.no	Activity	Built up Area in sq. mtrs	Estimated cost in Rs.
1.	Cost of Building for M/s VMKV Medical college campus Buildings (OPD Block,	85,734.58	48,48,00,000

  
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	college Building etc)		
2.	<u>Cost of other Assets:</u>		
	a) Plant and machineries (As per CA's book value).		12,67,00,000
	b) Cost of ETP/STP/APC		12,00,000
	c) Cost of electrical(including electrical equipments fitting, A/C, UPS, Furniture & fixtures etc		5,25,00,000
	<b>Total</b>		<b>66,52,00,000</b>

The total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 54,25,000 Lakhs arrived by the EIA coordinator which is less than the 1% of the project cost Rs. 66,52,000 lakhs. Hence as per SEAC Norms Rs.66,52,000 is finalized as the cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost.

Hence the total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs.66,52,000 lakhs.

The SEAC observed that the construction of existing medical college & hospital buildings without prior environmental clearance comes under violation project seeking Environmental Clearance at S.F.Nos: 88/1B1B, 1B2B, 1B3B, 2B1B, 2B2, 3, 4, 5, 6,7,8A (Pt), 8B, 89/1B1B, 1B2B, 1B3B, 1B4B, 1B5B, 1B6, 2, 90/1, 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3B, 3C, 3D, 91/2, 94/1(Pt) in Nalrayanpatti Village, S.Nos. 97/2A2, 2B, 2C, 3B1B, 3B2B, 3B3B, 3B4B, 3B5B, 386, 3B7, 4A, 4B, 4C, 4D,5A, 5B, 7A, 7B in Nalrayanpatti village, Survey No. 38,39(pt), 48/8(Pt), 9, 10, 11, 16, 54/1, 2, 3, 4, 8, 10, 11, 12, 13, 15, 17, 21, 22, 23, 24,25, 26, 27, 55/1, 2(pt), 3, 4, 5, 117/ 1 , 3(pt), 118/1, 2, 3, 119/1, 2, 7, 8, 9, 120/6, 7 in Chinnaseeragapadi Village in Survey No. 37/2C, 2E, 2F, 40/1N, 2, 3D(Pt), 42/5A, 6A, 6B, 6E, 6F, 6I, 6J, 6K, 7, 8A, 9, 10, 11A, 11B, 13 in Veerapandi Village,VeerapandiPanchayat Union, Salem Taluk, Salem

  
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District, Tamil Naduby M/s.Vinayaka Mission's Kirupananda Variyar Medical College & Hospital which is categorised under the "high level ecological damage category". The Committee decided to recommend the proposal to SEIAA for grant of EC subject to the following conditions in addition to the normal conditions:

1. As per the MoEF&CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited.
2. Accordingly, the amount prescribed for Ecological remediation (Rs.33,26,000 lakhs),natural resource augmentation(Rs.13,30,400 lakhs) & community resource augmentation (Rs.19,95,600 lakhs), totaling Rs.66,52,000 lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs.66,52,000 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit knowledgement 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 project proponent shall carryout the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCCB without further notice.
4. The amount committed by the Project proponent for CER (Rs.66 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities

  
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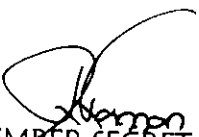
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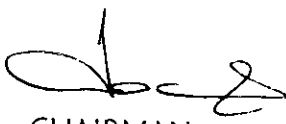
  
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committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.

5. The Project proponent shall operate the STP effectively and continuously so as to achieve standards prescribed by the TNPCB for treated sewage.
6. The Project proponent shall utilize the treated sewage for the development of green belt and toilet flushing after achieving the standards prescribed by the TNPCB.
7. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.III dated:30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities of proposed CER for entire project other than the CER amount of 66 Lakhs to be remitted before the issue of Environmental clearance as imposed in the condition No.3.
8. The project proponent shall develop and furnish photographs of green belt developed incorporating native species adopting Miyawaki scheme with native species inside the proposed project site, excluding the ornamental plants before obtaining the CTO.
9. The project proponent shall furnish revised latest AAQ data & meteorological data pertaining to the proposed project site before obtaining the CTO.
10. The project Proponent shall provide OWC for disposal of bio degradable solid waste. The project Proponent shall operate the same efficiently and continuously for the disposal of the Organic waste generated from the campus. The non-biodegradable waste shall be regularly collected and disposed through TNPCB authorized recycler.
11. The Project proponent shall collect & dispose the hazardous waste through TNPCB Authorized vendors/recyclers as per the Hazardous and other wastes (Movement and Trans boundary Movement), Rules 2016.


  
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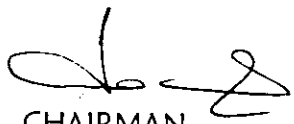
  
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12. The Project proponent shall collect and dispose the E-Waste through TNPCB Authorized vendors/recycler as per the E-Waste Management Rules 2016.
13. Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.
14. All the mitigation measures committed by the project proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
15. Tapping of solar energy should be atleast 10% of total energy consumption Solar energy usage mainly for the illumination of common areas, street lighting etc.,
16. The project proponent shall provide separate stand by D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
17. Waste of any type not to be disposed of in any water bodies including drains, canals and the surrounding environment.
18. The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
19. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Bio-Medical Waste Management Rules, 2016, as amended for the generation of Bio-medical waste within the premises.
20. 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) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.

  
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21. 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.

22. The recommendation for the issue of "Environmental Clearance" is subjected to the outcome of the written appeal vide in Hon'ble National Green Tribunal (South Zone) Original Application No. 08 of 2021 (SZ).

Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arises.

Agenda No: 225-18

(File No: 6664/2018)


Proposed Quartz & Feldspar Quarry Project- 1.10.0Ha S.F.Nos: 159/1B (p) of Kurumbapatty Village, Edappadi Taluk, Salem District, Tamilnadu by M/s. Sri Velmurugan Mine - For Terms of Reference under violation.

(SIA/TN/MIN/23608/2018, Dated: 07.04.2018)

The proposal was placed in this 191th SEAC Meeting held on 30.12.2020. The details, furnished by the Proponent are given in the Parivesh website. (parivesh.nic.in)

SEAC noted the following:

1. The Proponent M/s. Sri Velmurugan Mines has filed a proposal for obtaining Terms of Reference to carryout EIA study for Quartz & Feldspar Quarry project. 1.10.0Ha S.F.Nos: 159/1B (P) Kurumbapatty Village, Edappadi Taluk, Salem District. Tamilnadu.
2. The project/activity is covered under Category "B" of Item "1(a) Mining of minerals" of the schedule to the EIA Notification, 2006
3. It was also noted that only B2 category of projects listed under the schedule of EIA Notification, 2006 as amended is exempted from public hearing.

  
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The Project Proponent wish to surrender the mine project. Further, the project proponent shall furnish a letter to SEIAA and SEAC, stating the reason for surrendering.

The proposal was placed in the 420th Authority meeting held on 04.02.2021. After detailed discussion, the Authority noted as follows,

After detailed discussion, the Authority noted that, since the SEAC has decided to request the project proponent to furnish a letter to SEIAA and SEAC, stating the reason for surrendering, The Authority decided to request the Member Secretary, SEIAA to address the proponent to furnish a letter to SEIAA and SEAC stating the reason for surrendering and on receipt of the letter, the same may be forwarded to SEAC for further course of action.

The proposal was again placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021.

In view of the above, the SEAC decided that since no letter was received by SEAC stating the reason for surrendering, SEAC decided to request the Member Secretary SEIAA, to address the proponent to furnish a letter to SEIAA and SEAC stating the reason for surrendering and on receipt of the letter, the same may be forwarded to SEAC for further necessary course of action.

**Agenda No: 225-19**

**(File No: 6665/2018)**

Proposed Rough stone quarry lease area over an extent of 2.02.5Ha at S.F.Nos.25/1(P) of Panamarathupatty Village, Salem Taluk, Salem District, Tamil Nadu by Thiru. M. Senthilkumar – For Terms of Reference under violation.

(SIA/TN/MIN/23498/2018, dated: 07.04.2018).

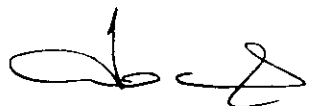
The proposal was placed in this 191th SEAC Meeting held on 30.12.2020. The details furnished by the Proponent are given in the Parivesh website. (parivesh.nic.in)

  
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SEAC noted the following:

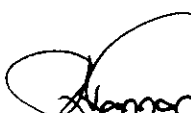
1. The Proponent Thiru M. Senthilkumar has filed a proposal for obtaining Terms of Reference to carryout EIA study for Rough stone Quarry over an extent of 2.02.5Ha S.F.No: 25/1 (P), Panamarathupatty Village, Salem Taluk, Salem District, Tamilnadu.
2. The project/activity is covered under Category "B2" of Item1(a) "1(a) Mining of minerals project" of the schedule to the EIA Notification. 2006.
3. It was also noted that only B2 category of project listed under the schedule of since the mining Lease period was expired on 05.10.2019. The SEAC decided to return the proposal and the proponent is instructed to submit the new application after followings the duly required procedure.

The proposal was placed in the 420<sup>th</sup> Authority meeting held on 04.02.2021. After detailed discussion, the Authority noted as follows.

After detailed discussion, the Authority noted since the SEAC has decided to return the proposal and the proponent is instructed to submit the new application after following the duly required procedure, The Authority decided to request the Member Secretary, SEIAA to address the proponent to withdraw this proposal and to submit the new application after following the duly required procedure as recommended by SEAC.

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021.

In view of the above, SEAC decided to request the Member Secretary SEIAA, to address the proponent to withdraw this proposal and to submit the new application after following the duly required procedure as recommended by SEAC.

  
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Agenda No: 225-20

(File No: 6723/2018)

Proposed construction of commercial complex at S.F.Nos.31, 32, 34/1, 35 & 37 of Padi Village, Ambattur Taluk, Tiruvallur District Tamil Nadu by Mr.Y.Pondurai- For Environmental Clearance.

(SIA/TN/MIN/175754/2018, dated: 28.03.2018).


The proposal was placed for appraisal in this 189<sup>th</sup> meeting of SEAC held on 19.12.2020. The details of the project furnished by the proponent are available on the website (parivesh.nic.in). The project proponent gave detailed presentation.

SEAC noted the following:

1. The Proponent, Thiru.Y.Pondurai has applied seeking Environmental Clearance under violation category for the Proposed Construction of High Rise Building at S.F.Nos. 31, 32, 34/1, 35, 37 of Padi Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.
3. TOR issued vide SEIAA Lr.No.SEIAA-TN/F.No.6723/SEAC/Violation/ToR636/2019 dated 16.08.2019

Based on the above, the subcommittee inspected the site on 03.06.2019 and submitted the report to SEAC. Based on the inspection report and the violation notifications issued by the MoEF&CC dated 14.03.2017 & 08.03.2018, SEAC classified the level of damages caused by the Project Proponent on the environment based on the following criteria:

1. Low level Ecological damage:
  - a. Only procedural violations (started the construction at the site without obtaining EC)
2. Medium level Ecological damage:

  
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- a. Procedural violations (started the construction at the 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)
  - b. Infrastructural violation such as deviation from CMDA/local body approval.
  - c. Under Operation (occupied).

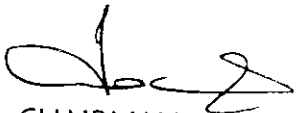
As per the OM of MoEF& CC dated: 01.05.2018, SEAC deliberated the fund allocation for Corporate Environment Responsibility shall be to a maximum of 2% of the project cost.

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the project proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and penalty by following the below mentioned criteria, as per category 3, stated above.

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

  
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The project cost of this proposal submitted in the EIA report under violation is Rs.14825 Lakhs.

The Committee observed that the project of Construction of High Rise Building at S.F.Nos. 31, 32, 34/1, 35, 37 of Padi Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu by Thiru. Y. Pondurai for Environmental Clearance under violation comes under the "High level Ecological damage category". The Committee decided to recommend the proposal to SEIAA for grant of EC subject to the following conditions in addition to the normal conditions:


1. The amount prescribed for Ecological remediation (Rs.74.13Lakhs), natural resource augmentation (Rs.29.65 lakhs) & community resource augmentation (Rs.44.48 Lakhs), totaling Rs. 148.25 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 148.25 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
2. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of six months. If not, the bank guarantee will be forfeited to TNPCB without further notice.
3. The amount committed by the Project proponent for CER (Rs. 148.25 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
4. Number of lifts provided for shoppers in the mall shall be increased.
5. The Project proponent shall operate the STP effectively and continuously so as to achieve standards prescribed by the TNPCB for treated sewage.
6. The Project proponent shall operate the ETP for the treatment and disposal of effluent effectively and continuously so as to achieve standards prescribed by the TNPCB for treated effluent.

  
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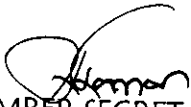
  
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7. The Project proponent shall utilize the treated sewage for the development of green belt and toilet flushing after achieving the standards prescribed by the TNPCB.
8. The project Proponent shall operate Bio-Methanation plant efficiently and continuously for the disposal of the Organic waste generated from the campus and collecting non-biodegradable waste regularly and disposal through TNPCB authorized recycler
9. The Project proponent shall collect & dispose the hazardous waste through TNPCB Authorized vendors/recyclers as per the Hazardous and other wastes (Movement and Transboundary Movement), Rules 2016.
10. The Project proponent shall collect and dispose the E-Waste through TNPCB Authorized vendors/recycler as per the E-Waste Management Rules 2016.
11. Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.
12. All the mitigation measures committed by the project proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
13. Tapping of solar energy should be at least 10% of total energy consumption Solar energy usage mainly for the illumination of common areas, street lighting etc.,
14. The project proponent shall provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
15. Waste of any type not to be disposed of in any water bodies including drains, canals and the surrounding environment.
16. The proponent should explore the possibility of increasing the quantity of rainwater harvested at the maximum extent within the campus itself.
17. The proponent should increase the green belt area from 10.45 to 15% with more number of indigenous species. The proponent shall earmark greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the

  
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layout out plan and the total green belt area should be minimum of 15% the total area.

18. 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) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.

The subject was placed in the 418<sup>th</sup> SEIAA meeting held on 11.01.2021 & 12.01.2021. After detailed deliberation, the proponent was directed to furnish the bank guarantee to Tamil Nadu Pollution Control Board as recommended by the SEAC and furnish the copy of the receipt along with the above details so as to take further action. Based on the minutes of the 418<sup>th</sup> Authority meeting letter was addressed to the proponent vide Lr. No. SEIAA-TN/F.No.6723/2019/BG/ dated: 19.01.2021 to furnish the following details;

1. 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) Act, 1986
2. The amount prescribed for Ecological remediation (Rs.74.13 Lakhs), natural resource augmentation (Rs.29.65 lakhs) & community resource augmentation (Rs.44.48 Lakhs), totaling Rs. 148.25 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 148.25 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
3. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of six months. If not, the bank guarantee will be forfeited to TNPCB without further notice.

  
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4. The amount committed by the Project proponent for CER (Rs. 148.25 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.

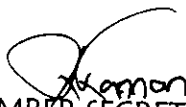
Whereas the proponent vide letter received dated 29.01.2021 has stated as follows;

1. In the matter of Principal Bench of NGT order via OA.No.37 of 2015 dated 7.07.2015 directed,

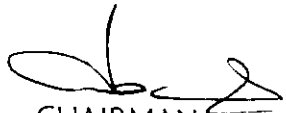
"The project proponent to pay 5% of Project cost (Rupees 7.4125 Crores) as Environmental Compensation for restoration & restitution of the Environment and ecology as well as towards their liability arising from impacts of the illegal and unauthorized constructions carried out by them. They shall deposit this amount at the first instance, which shall be subject to further adjustment."


As per the order, the proponent already paid Rs.7.4125 Crores (5% of the total project cost) to TNPCB as environmental Compensation in the violation case. Receipts of the same is submitted by the proponent along with the EIA Reports

Description	SEAC recommended amount for violation in lakhs	Compensation already paid as per the NGT order
Ecological Remediation	Rs.74.13 (0.5%)	Rs.7.4125 Crores (5% of the total cost)
Natural Resource Augmentation	Rs.29.65% (0.2%)	
Community Resource Augmentation	Rs.44.48 (0.3%)	
CER Activities	Rs.148.25 (1%)	
Total amount	Rs.296.51 Lakhs (2% of the Total project cost)	Rs.7.4125 Crores (5% of the total project cost)

  
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- Further TNPCB has filed case in J.M.Court, Ambattur as part of the credible action for the project violation and the case (C.C No.168 of 2016) proof for the same is enclosed by the PP.

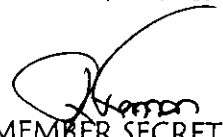
The subject was placed before the 420<sup>th</sup> Authority meeting held on 04.02.2021 and after detailed discussion the Authority decided to request MS-SEIAA to forward the request of the Proponent letter dated 29.01.2021 to the committee for further recommendation of the SEAC.

The subject was placed in the 199<sup>th</sup> SEAC meeting held on 09.02.2021. After detailed discussions, Since NGT in their order has already made an Environmental Compensation and penalty for Rupees 7.4125 Crores and the proponent already paid Rs.7.4125 Crores (5% of the total project cost) to TNPCB as environmental Compensation in the violation case. Since, the proponent has already paid the environmental compensation cost, the committee has accepted its request for waiving the environmental cost as stipulated by the SEAC and recommends for Environmental Clearance.


The subject was placed before the 433<sup>rd</sup> Authority meeting held on 17.03.2021. After detailed discussion, it was noted the Hon'ble NGT Principal Bench & Hon'ble Supreme Court have pronounced certain orders in which this project is also included as one of the petitioners. Hence the Authority decided to request the Member Secretary to put up with detailed note in chronological order along with court cases and its various orders and details of discussions on the other proposals which are covered under this court case in the ensuing meeting.

The subject was placed before the 438<sup>th</sup> Authority meeting held on 15.04.2021. After detailed discussion, the Authority noted as follows.

1. As per the direction of Hon'ble NGT in O.A.No.37 of 2015 & 213 of 2014 dated 07.07.2015, environmental compensation was levied for restoration and restitution of the environment and ecology as well as towards their liability arising from impacts of the illegal and unauthorized constructions carried out by the project namely M/s. Ruby Manoharan Property Developers Pvt. Ltd, M/s Jones Foundations Pvt. Ltd, M/s. SSM Builders and Promoters, M/s. SPR

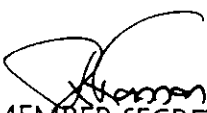
  
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and RG Construction Pvt. Ltd, M/s. Dugar Housing Ltd, M/s. SAS Realtors Pvt. Ltd and Mr. Y. Pondurai as follows.


Projects	Environmental Compensation 5% of the project cost (crores)	Amount remitted to TNPCB (crores)	SEAC Recommendations		SEIAA decision based on the recommendation of SEAC
			Ecological damage as per Notification 14.03.2017 (Lakhs)	CER as per O.M 01.05.2018 (Lakhs)	
Mr. Y. Pondurai	7.4125	7.4125	148.25	148.25	1. SEAC in its 199 <sup>th</sup> meeting held on 09.02.2021 waived both the amount of ED & CER considering environmental compensation amount as per request of proponent.
M/s. Ruby Manoharan Property Developers Pvt. Ltd	1.8495	-	-	-	1. The proponent has not filed application under violation notification. Hence EC was not issued to the unit.
M/s Jones Foundations	7.00	4.00	56.00	28.30	1. Rs. 56 Lakhs Bank Guarantee submitted

  
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Pvt. Ltd					<p>to TNPCB</p> <p>2. Rs. 56 Lakhs adjusted in Rs.4 crores paid with a condition this amount shall not be claimed at any point of time from the environmental compensation of Rs.4 Crores paid.</p> <p>3. Affidavit submitted regarding CER activities 28.3 Lakhs.</p> <p>4. EC issued on 10.08.2018.</p>
M/s. SSM Builders and Promoters	36.00	36.00	-	-	<p>1. 12 Crores refunded by TNPCB as per order of Hon'ble NGT Direction &amp; TNPCB to utilize remaining 24 crores to be utilized by TNPCB as Environmental Compensation.</p>
M/s. SPR and RG Construction Pvt. Ltd	12.5505	1.50	251	251	<p>1. Submitted Bank guarantee Rs. 2.51 Crores to TNPCB for carrying out Ecology</p>

  
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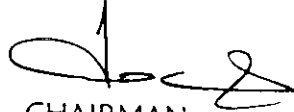
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					remediation and natural augmentation / EMP works.
					2. Rs. 150 Lakhs adjusted from 150 lakhs already paid in TNPCB with a condition this amount shall not be claimed at any point of time.
					3. Affidavit submitted for regarding CER activities 1.01 Crores to Forest Development Agency regard to Community augmentation.
					4. EC issued on 10.08.2018.
M/s. Dugar Housing Ltd	6.8795	1.50	47.18	23.9	1. Submitted proof of Bank guarantee Rs. 47.18 Lakhs to TNPCB for carrying out EIA/ EMP works. 2. Rs. 23.9 Lakhs adjusted from 150 lakhs already paid in TNPCB with a condition this amount

  
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					shall not be claimed at any point of time. 3. Affidavit submitted for regarding CER activities 23.9 Lakhs. 4. EC issued on 10.08.2018.
M/s. SAS Realtors Pvt. Ltd	4.50	4.50	-	-	1. The proponent has not filed application under violation notification. Hence EC was not issued to the unit.

In view of the above, the Authority decided to refer back the proposal to SEAC during the 438<sup>th</sup> Authority meeting held on 15/04/21 to reconsider its recommendation in line with earlier recommendations of SEAC on the other proposals covered under the Hon'ble NGT order dated 07.07.2015 in O.A.No.37 of 2015 & 213 of 2014 and request the Member Secretary, SEIAA to send a detailed note to SEAC in chronological order along with orders of Principal Bench of NGT in OA.No.37 of 2015 and final action taken on the other proposals which are covered under this court case.

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The SEIAA recommends to follow the earlier similar cases for which NGT has given the verdict. After detailed deliberation the committee adopt the same recommendations and accordingly Environmental clearance is recommended with the

  
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following additional conditions.

1. The project proponent shall submit Bank Guarantee to TNPCB for an amount of Rs.148.25 Lakhs and the same amount Rs.148.25 Lakhs will be adjusted in Rs.7.4125 Crores paid with a condition this amount shall not be claimed at any point of time from the environmental compensation of Rs.7.4125 Crores paid.
2. The project proponent shall submit an Affidavit regarding CER activities for Rs.148.25 lakhs.

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

Agenda No: 225-21

(File No: 7901/2020)


Proposed Gravel quarry lease area over an extent of 3.38.0Ha 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 195<sup>th</sup> SEAC meeting on 27.01.2021. The project proponent made detailed presentation. The details of the project proposal furnished by the proponent are given in the website (parivesh.nic. in).

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. The production for the three years states that the total quantity of recoverable

  
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as 32340 cu.m of Gravel and the ultimate depth of mining is 2m below ground level.


Based on the presentation made and the documents furnished by the project proponent. The SEAC decided to visit the site by SEAC Member(s) to verify whether the area contains lot of red earth (as seen in the Google Map) or gravel and after obtaining inspection report, further deliberations would be made by the SEAC.

The subject was placed in the 436<sup>th</sup> SEIAA meeting held on 30.03.2021. After detailed discussions, the Authority noted as follows.

1. The Project Proponent, Thiru.M.Rajkumar has applied seeking Environmental Clearance for the Proposed Gravel quarry lease over an extent of 3.38.0Ha at S.F.Nos. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B and 240/9 of Theethampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.
2. In the 204<sup>th</sup> meeting of SEAC held on 25.02.2021, the SEAC has recommended the proposal for grant of Environmental Clearance subject to the following specific conditions apart from the normal conditions.
  - a. Permitted ultimate depth of mining to 2m and the quantity that shall be mined as per the approved mining plan is Gravel: 32340 m<sup>3</sup>
  - b. The Proponent shall refrain from quarrying any Red Earth material. Quarrying shall be restricted to land area of 7 acres only and only Gravel shall be mined for the permitted depth.
3. On verifying the form-1, approved mining plan & precise area communication letter, it was noticed that the proponent has proposed Gravel quarry over an extent of 3.38.0 Ha (8.35 acres) at S.F.Nos. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B AND 240/9 of Theethampatti Village Kayathar Taluk, Thoothukudi District.
4. As per the approved mining plan, the quantity of mineral to be mined out in 3.38.0 Ha (entire lease area) is 32340 cu.m of gravel.

  
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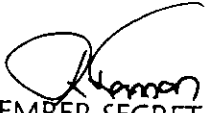
5. Whereas in the minutes of the 204<sup>th</sup> SEAC meeting, the SEAC has recommended that quarrying shall be restricted to land area of 7 acres only {out of 8.35 acres (3.38Ha)} and only Gravel shall be mined for the permitted depth.
6. In the SEAC minutes, the SEAC is not earmarked the area in which area the mining has not to be carried out and also not mentioned the quantity of mineral to be mined out in 7 acres as recommended by SEAC.

In view of the above, the Authority unanimously decided to refer back the proposal to SEAC to get the exact quantity and area to mined out.

The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. The SEAC noted that in the 204<sup>th</sup> SEAC meeting the quarrying area was in advertently shown as 7 acres. After detailed deliberations SEAC decided that the lease area is 3.38Ha (8.35 acres) where in quarrying was restricted to 1.62 Ha only (4.0 Acres) in the approved mining plan.

After detailed deliberations, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MOEF &CC:

1. Permitted ultimate depth of mining to 2m and the quantity that shall be mined as per the approved mining plan is Gravel 32340 m<sup>3</sup> and the quarrying activity shall be restricted to 1.62 Ha only.
2. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to SEIAA once in six months.
3. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.

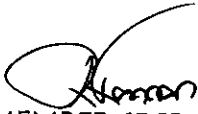
  
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4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
6. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
7. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
8. 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.
9. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
10. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
11. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
12. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
13. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

  
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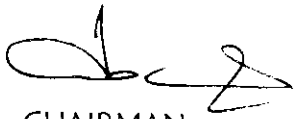
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14. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
15. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
16. 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.
17. 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.
18. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Assistant Director, Geology & Mining, Thoothukudi District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

  
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Agenda No: 225-22

(File No: 8062/2020)

Proposed Multi coloured Granite quarry lease area over an extent of 1.47.0Ha at S.F.Nos.1325/2B1B, 1325/2B2, 1325/2B3 & 1325/4A of Thiruthangal Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu by Tvl.Standard Granites- For Environmental Clearance.

(SIA/TN/MIN/184079/2020, dated: 20.11.2020).

The proposal was placed for appraisal in this 200<sup>th</sup> meeting of SEAC held on 11.02.2021. The details of the project furnished by the proponent are available on the website(parivesh.nic.in). The project proponent gave detailed presentation of the project.

SEAC noted the following:

1. The Project Proponent, Tvl.Standard Granites has applied seeking Environmental clearance for the Proposed Multi colour Granite quarry lease over an extent of 1.47.0 Ha at S.F.Nos.1325/2B1B, 1325/2B2, 1325/2B3 & 1325/4A of Thiruthangal Village, Sivakasi Taluk, Virudhunagar District, Tamilnadu
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.


Based on the presentation made and documents furnished by the Project Proponent, SEAC decided to seek the following additional details from the Proponent'

1. Revised letter from AD/Mines detailing the lease period of all the quarries located in the 500m cluster.
2. Certified Compliance report from TNPCB for the existing quarry

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


The project proponent has submitted the reply to SEIAA on 27.04.2021.

  
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The proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021. SEAC noted that since the depth of mining is very high of 106m, the committee decided that the EIA Co-ordinator shall represent the project.

Agenda No: 225-23

(File No: 7938/2020)


Proposed Rough stone & Gravel quarry lease area over an extent of 3.26.0Ha at S.F.Nos. 541/5, ZaminEndathur Village, Madurantakam Taluk, Chengalpet District, Tamil Nadu by Thiru.M.Arumugam - For Environmental Clearance.  
(SIA/TN/MIN/188223/2020, dated:15.10.2020).

The proposal was placed in this 207<sup>th</sup> SEAC Meeting held on 17.03.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic. in).


The SEAC noted the following:

1. The project proponent, Thiru.M.Arumugam, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.26.0Ha at S.F.No. 541/15 in ZaminEndathur Village, Maduranthakam Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category,'B2', of Item I(a),Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 436780 cu.m of Rough stone & 16873 cu.m of Gravel and the ultimate depth of mining is 42m.

Based on the presentation made and the documents furnished by the Project proponent, SEAC directed the proponent to furnish the following details. The consultant has presented that EC valid till 24.02.2019 and proponent has admitted that the mining activity was carried out till September 2019, which beyond the EC period. Hence the project proponent was instructed to obtain the letter from AD

  
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mines on the last date of Transport permit issued for the earlier mining to verify whether this comes under violation category or not.

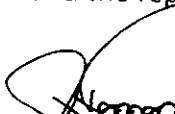
In this regard, the proponent has furnished additional details vide its letter Dt: 27.04.2021. Once again, the proposal was placed in this 218<sup>th</sup> SEAC meeting held on 09.07.2021. During discussion SEAC noted that the proponent has not furnished letter from AD mines on the last date of Transport permit issued for the earlier mining to verify whether this comes under violation category or not.


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

The above said details were received from the Proponent on 11.08.2021, and the proposal was placed for appraisal in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021.

After detailed deliberations, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MoEF&CC:

1. 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.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
4. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.

  
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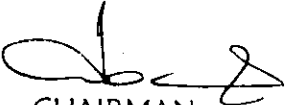
  
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6. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. The Project proponent shall, after ceasing mining operations, undertake 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.
8. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
14. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017

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


15. 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.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Virudhunagar District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 225 - TA - 01

(File No: 7268/2020)

Proposed expansion activity under violation Construction of IT/ITES at Block No.6, T.S.No.2/3, 3/2 of Kanagam Village, Mambalam - Guindy Taluk, & Block No.4, T.S.No.2/1 Thiruvanmiyur Village, Mylapore - Triplicane Taluk , Chennai District, Tamil Nadu by M/s. TRIL Info Park Limited - For Environmental Clearance under violation.

(SIA/TN/MIS /60318/2018, dated: 29.01.2021).

  
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The proposal was placed for appraisal in this 212<sup>th</sup> meeting of SEAC held on 04.05.2021. The details of the project furnished by the proponent are available on the website (parivesh. nic.in).

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

1. The Project Proponent, M/s. TRIL Info Park Limited has applied for Environmental Clearance for the Construction 8(a) at Block No.6, T.5.No.2/3, 3/2 of Kanagam Village, Mambalam - Guindy Taluk, & Block No.4, T.5. No.2/1 of Thiruvanmiyur Village, Mylapore Triplicane Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(b) "Townships & Area Development Projects" of the Schedule to the EIA Notification, 2006.
3. TOR issued vide Lr. No SEIAA-TN/F.No. 7268/Violation/TOR 800/2020, Dt:03.11.2020.

The Proposal was placed in 212<sup>th</sup> SEAC held on 04.05.2021. Based on the presentation made and documents furnished by the project proponent, SEAC directed the proponent to furnish following additional details:

1. The project proponent shall revise application incorporating hotel, since the proponent has mentioned hotel for expansion activity during presentation.
2. The project proponent shall furnish revised organic waste disposal plan proposing Bio-Methanation plant, since the proposed organic waste generation is 5 Mt/day.
3. The project proponent shall furnish adequate rain water storage sump considering highest rainfall day in past 10 years.
4. The project proponent shall furnish revised assessment as per guideline stipulated for assessing details of ecological damage, remediation plan and natural & community resource augmentation plan considering PWD rate for existing buildings.

  
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5. The project proponent shall furnish the detailed EMP mentioning all the activities including the CER activities.
6. The project proponent has proposed the CER fund of Rs.3.75 Crores for covid-19 management to M/s. Voluntary Health Services Hospital, Tharamani and also committed the same during SEAC meeting.


In view of the above, SEAC decided to make an onsite inspection to assess ecological damage and the present status of the site by the sub-committee constituted by the SEAC.

The sub-committee inspection report was placed in this 220<sup>th</sup> SEAC meeting held on 20.07.2021. The following details were observed during the site inspection,

1. As per the earlier EC issued dated. 08.04.2009 an IT Block-01 No, Hotel, Residential complexes with a Total Built up area of 3,75,328 Sq.mt was permitted whereas during inspection it was noticed that IT Blocks -04 Nos having Built up area of 4,67,172 Sq.mt which reveals the violation by way of 3 additional Blocks and deviation in the EC issued by SEIAA.
2. In 2013, the PP has proposed to change the residential complex into service Apartment and increase the built up area from 3,75,328 Sq.mt to 6,65,940 Sq.mt without increase in Total land area and started the construction which was found to be completed during inspection. Hence the project falls under violation category as per S.O.804 (E) dated.14.03.2017.
3. During Inspection it was noted that the developer has completed the following construction activities in the site premises.
  - a. Phase-I (IT park-Comprising of Blocks A, B, C, D & U): 3 Basements + Ground+ stilt+ 13 Floors.
  - b. Phase II (IT park of Block E&F): 3 Basements + Ground+ stilt + 13 Floors
  - c. Service Apartment (NPZ) & Convention centre : 4 Basements+ Ground+ service+ 13 Floors.

  
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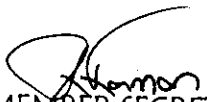
  
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4. It was noted that additional Blocks E& F constructed were completely occupied and the service apartment was not occupied.
5. The proponent has furnished the proposal for the installation of Bio-methanation plant for the effective disposal Bio-degradable wastes of 2.5 T/day as against 5 T/day mentioned in the EIA.
6. PP has reported that 25 % of Green belt is being developed in the project site. However it was noticed that Green belt was not developed covering around the entire buildings.
7. Proponent has not furnished the Rain water collection calculation details considering the entire surface area and roof area of the project site.

#### Recommendations:

The sub-committee submit the inspection report to SEAC for the further course of action with the following Recommendations regarding the proposal seeking Environmental Clearance for the Proposed Expansion of IT Park and Change in Concept from IT building , Hotel, Residential Complex & Retail Shop to IT Park comprising Block A-F and Utility Block, Serviced Apartment & Conventional Centre with Hotel in Block No 6, Survey No 2/3, & 3/2 Kanagam Village of Guindy-Mambalam Taluk, Block No 4 Survey No 2/1, Thiruvanmiyur Village of Mylapore-Triplicane Taluk, Chennai District.

1. The project proponent shall revise application incorporating hotel, since the proponent has mentioned hotel for expansion activity during presentation.
2. The project proponent shall work out organic wastes disposal plan for proposing Bio-Methanation plant 5 MT/day and during inspection it was reported by PP that the estimated organic waste generation is 2.5 MT/day.
3. The project proponent shall furnish adequate rain water storage sump considering highest rainfall day in past 10 years and also considering the Floor area and roof area of the project site.
4. The project proponent shall furnish revised assessment as per guideline stipulated for assessing details of ecological damage, remediation plan and

  
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natural & community resource augmentation plan considering PWD rate for existing buildings.

5. The proponent shall develop 15 % of Green belt around the additionally constructed new buildings.
6. The project proponent shall furnish the detailed EMP mentioning all the activities including the CER activities.
7. The project proponent has proposed the CER fund of Rs.3.75 crores for covid-19 management to M/s. Voluntary Health Services Hospitals, Tharamani and also committed the same during SEAC meeting.

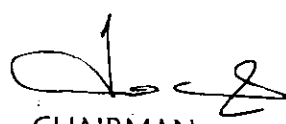
The proposal was placed in this 220<sup>th</sup> meeting of SEAC held on 20.07.2021.

Based on the inspection report and the documents furnished by the Proponent, the SEAC directed the proponent to furnish following additional particulars,

1. The project proponent shall revise application incorporating hotel, since the proponent has mentioned hotel for expansion activity during presentation.
2. The project proponent shall work out organic wastes disposal plan for proposing Bio-Methanation plant 5 MT/day and during inspection it was reported by PP that the estimated organic waste generation is 2.5 MT/day.
3. The project proponent shall furnish adequate rain water storage sump considering highest rainfall day in past 10 years and also considering the Floor area and roof area of the project site.
4. The project proponent shall furnish revised assessment as per guideline stipulated for assessing details of ecological damage, remediation plan and natural & community resource augmentation plan considering PWD rate for existing buildings.
5. The proponent shall develop 15 % of Green belt around the additionally constructed new buildings.
6. The project proponent shall furnish the detailed EMP mentioning all the activities including the CER activities.

  
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7. The project proponent has proposed the CER fund of Rs.3.75 crores for covid-19 management to M/s. Voluntary Health Services Hospitals, Tharamani and also committed the same during SEAC meeting.

After detailed discussion the SEAC has decided to call the proponent for representation in one of the forthcoming meetings.

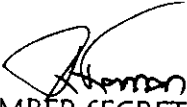
The project proponent submitted its reply to SEIAA office on 12.08.2021.

The project proponent submitted EIA report to SEIAA-TN on 12.02.2021.

The proponent vide its Letter Dt:12.08.2021 has also furnished the revised details on the Ecological Damage Assessment, Remediation Plan, Natural Resources Augmentation and Community Resource Augmentation Plan prepared & submitted by the NABET consultant on behalf of the proponent as per the guidelines mentioned in the MoEF&CC Notifications dated:14.03.2017 and 08.03.2018.

The subject was placed in this 225<sup>th</sup> meeting of SEAC held on 13.08.2021 for appraisal for seeking Environmental clearance under violation. The SEAC assed 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 guidelines mentioned in the MoEF&CC Notifications dated:14.03.2017 and 08.03.2018. The extract from the report is as follows:

Details	Existing Project (As per EC issued )	Proposed (violation)	After Expansion
Total land area	1,02,264.50 Sq.m	No change in land area	1,02,264.50 Sq.m
Built-up Area	3,75,328 Sq.m	2,90,612 Sq.m	6,65,940 Sq.m

  
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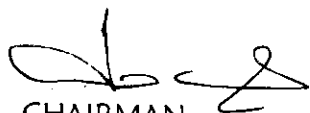
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Ecological Damage, Remediation Plan and Cost					
S. No	Parameter	Activity / Source	Impact Cause	Remediation Plan	Remediation Cost in INR
1	Change of Topography	Since the Site was coming under Institutional Zone and obtained approval as per EC 2009	NA	NA	--
2	De forestation	Since the Project Site area obtained EC on 2009	NA	NA	--
3	Soil Erosion	Since the Project Site area obtained EC on 2009	NA	NA	--
4	Loss of Biodiversity	Since the Project Site area obtained EC on 2009	<ul style="list-style-type: none"> <li>Proposed project is coming under the Institutional Zone as per CMDA land use.</li> <li>Few trees are cutted for the proposed expansion.</li> <li>A Guindy national park is located at ~ 1.08 km (NW) from the project Site.</li> </ul>	NA	-

  
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5	Air Environment	<ul style="list-style-type: none"> <li>• DG Sets</li> <li>• Transportation</li> </ul>	<ul style="list-style-type: none"> <li>• Dust Generation</li> <li>• Particulate matter smaller than 10 microns, can settle in the bronchi and lungs and cause health problems like Bronchitis, Emphysema, Bronchial Asthma, Irritation of mucus Membranes of eyes, etc.</li> <li>• Particles smaller than 2.5 micrometers (PM2.5), tend to penetrate into the lungs and very Small particles (&lt; 100 nanometers) may pass through the lungs to affect other organs.</li> </ul>	<div data-bbox="948 943 1302 1093" style="border: 1px solid black; padding: 5px;"> Green belt development and maintenance in OMR for a stretch of 10 Km near project site. </div>	<p>Estimated cost @Rs. 100,000 per Km. Sub total = Rs.10,00,000</p>
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		<p>Vehicle emission can also create various health problems on human being.</p> <ul style="list-style-type: none"> <li>Dust deposition on vegetation and nearby human settlements.</li> </ul>	<ul style="list-style-type: none"> <li>Green belt development and maintenance at Velachery, Perungudi, Tharamani, Thiruvannamiyur and Indira Nagar MRTS stations.</li> </ul>	<p>Estimate cost @Rs.500,000 per Station Subtotal = Rs.10,00,000</p> <p>Total cost for Air Pollution Management = Rs.20,00,000</p>
6	Water Environment	a) Water usage b) Sewage	<ul style="list-style-type: none"> <li>Domestic sewage from the employees is the major parameters of consideration during the operation phase.</li> <li>The wastewater when discharged untreated can affect the DO concentrations of the receiving bodies.</li> <li>The most significant problem is contamination of ground water</li> </ul>	<ul style="list-style-type: none"> <li>Providing Drinking Water RO system and maintain the same in The Voluntary Health Services</li> </ul> <p>Sub total Rs. 60,000</p>
				<ul style="list-style-type: none"> <li>Providing Drinking water RO system and maintaining the same in Tharamani Government School and Government Higher Secondary School Velachery</li> </ul> <p>Sub total Rs.60,000 each = Rs.120,000</p>

  
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			by the waste water which can leach out of the soil & pollute the groundwater	<ul style="list-style-type: none"> <li>• Providing Rs. 40,00,000 To TN Government towards Adyar River Restoration programme.</li> <li>• Providing Rainwater harvesting recharge pits in Tharamani Government School and Government Higher Secondary School Velachery</li> </ul>	Rs. 40,00,000  Sub total Rs.200,000 for each school  Total cost for Water Pollution management = Rs. 4,580,000
7	Soil Environment	<ul style="list-style-type: none"> <li>• Municipal solid waste</li> <li>• Hazardous waste &amp; other waste generation</li> </ul>	<ul style="list-style-type: none"> <li>• The source of Municipal solid waste in the Project Site will be from the domestic use.</li> <li>• The various hazardous wastes generated from process are spent oil from the DG sets and discarded bags.</li> <li>• E-waste, Battery waste will be generated.</li> </ul>	Providing 10 No. of Municipal bins and pamphlets regarding segregation of waste to Central Polytechnic College, Tharamani, One bin to Primary Health Centre and one bins Oggiyamduraipakkam, Government Social Welfare hospital Perungudi.	Subtotal Rs.10,000 per bin Sub total Rs.100,000

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				Providing awareness campaign regarding segregation of waste and household composting system In Tharaman and Adyar Areas	Rs. 50,000 per campaign Sub Total Rs.100,000  Cost for Soil pollution control = Rs. 2,00,000.
8	Noise Environment	<ul style="list-style-type: none"> <li>• DG Sets</li> <li>• Chillers</li> <li>• Cooling towers</li> <li>• Vehicular Movements</li> </ul>	<ul style="list-style-type: none"> <li>• The major source of noise pollution is vehicular movements, DG sets, Cooling towers and chillers plant.</li> <li>• Noise nuisance causes discomfort and health related issues to those who work at the site and those who reside in the neighboring area.</li> </ul>	Green belt development covered in Air Pollution control	Nil

  
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		<ul style="list-style-type: none"> <li>Proposed project is coming under the notified industrial area. Since the site was already well established before 2008, there is no felling of trees.</li> </ul>	Providing Rs.10,00,000 to TN Government, towards maintaining Guindy Children's Park.	
9	Biological Environment	Since the industry was already well established before 2008	<ul style="list-style-type: none"> <li>There is no extinct flora and fauna species found in the study area. There is no migration of wildlife and overall Disruption of the ecology of the area.</li> </ul>	Providing Rs. 10,04,500 to CMDA for desilting and maintaining Velachery lake.  Cost for maintaining Biological environment = Rs. 24,04,500

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			<ul style="list-style-type: none"> <li>Accident is Major issue due to the growing vehicular movement</li> </ul>		
10	Occupational Health	IT park	<ul style="list-style-type: none"> <li>The other major health issue is mental health due to the stress, migration, unable to adaptability of new environment s, windfall gain from assets. Also it increases the crime rate.</li> </ul>	Providing Government Urban Primary Health Centre at Oggiyamduraipakkam and Government Social Welfare Hospital, Perungudi for Purchasing health care equipments	Cost for Occupational Health Rs.1,988,750

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			<ul style="list-style-type: none"> <li>The area needs more passenger shelters at bus stops and appropriate road signs to be placed at conspicuous places.</li> </ul>		
11	Socio economic	IT park	<ul style="list-style-type: none"> <li>Predicting and evaluating the various significant impacts that are likely to occur. The impacts on the environmental indices viz. air, water, soil &amp; noise</li> </ul>	Providing Solar Street lamps at Government Urban Primary Health Centre at Oggiyamduraipakkam and Government Social Welfare Hospital, Perungudi	Sub total Rs. 297,750
				Providing Solar street lamps at Guindy Childrens Park	Rs. 1, 00,000

  
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			Providing solar lighting at Tharamani and Thiruvanmiyur MRTS stations	Rs.5,00,000 for each station  Total cost under socio Economic Environment = RS.8,97,750
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Total cost proposed under Ecological Remediation plan is INR 12071000/- say 1.2071 Crores.

#### Natural Resource Augmentation Plan

S. No	Activity	Year wise Implementation and Budgetary provision (Rs.) in Lakhs		
		Year 1 (2021)	Year 2 (2022)	Year 3 (2023)
1	Development of Greenery in the surrounding area and maintaining Government Parks in Tharamani Village	3.015	3.00	2.0
2	Provision of drinking water facilities through Water tankers to Government Schools in Velachery and Perundurai	4.03	3.039	3.0
3	Renovation of 10 Km stretch of Buckingham Canal near project site.	3.05	4.10	5.050
4	Providing to TN Government towards maintaining	6.00	7.00	5.00

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	Pallikaranai Marsh			
Sub Total		16.095	17.139	15.050
Grand Total		48.284		

#### Community Augmentation Plan

S. No.	Description	Year wise Implementation and Budgetary provision (Rs.)		
		Year 1 (2021)	Year 2 (2022)	Year 3 (2023)
1.	Construction of sanitation facilities to Government School and Polytechnic college at Adyar and Tharamani	12.0	4.226	-
2.	Providing amount towards development of Science Laboratory at Government Higher Secondary School, Velachery and Government Higher Secondary School, Adyar	15.0	4.0	5.0
3.	Providing scholarship for 25 no of students from Government schools for scoring high marks in 10 <sup>th</sup> and 12 <sup>th</sup> Board exams for future studies	5.0	10.0	17.2
Sub Total		32	18.226	22.200
Total		72.426		

#### Total Budget proposed for Damage Assessment

S. No	Name of the area	Budget (Rs in Lakhs)
1	Estimation cost for remediation plan based on the Damage Assessment due to violation	120.71
2	Natural Resource Augmentation Plan	48.284
3	Community Resource Augmentation Plan	72.426
4	Penalty towards Violation @ 0.25% of project cost	120.71
Grand total		362.13 say 3.62 crores

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Note:

CMDA completion certificate obtained in 02.01. 2019. Therefore it is budgeted as per Low level ecological damages- INR 3.62 crores

**Corporate Environmental Responsibility:**


Sl.No	Activities	As per CER Notification	CER funds (in INR crores)		
			2021-22	2022-23	2023-24
1	Sewage treatment Plant-50 KLD	Sanitation	40,00,000	0	0
2	Storm water drainage prior to Road Construction	Cross drains	26,00,000	36,00,000	30,00,000
3	Providing a new 1000 LPH RO system (Inlet & Outlet)	Health	15,00,000	0	0
4	Roads construction within Campus (from Main gate to all buildings, Mortuary to the main Gate)	Road	32,00,000	32,00,000	34,00,000
5	Slab and Stilt for Medicab	Infrastructure and Health	20,00,000	20,00,000	20,00,000
6	Ramp for Patients	Infrastructure and Health	40,00,000	30,00,000	0
Sub Total			17,300,000	11,800,000	8,400,000
Total			37,500,000 Say 3.75 Crores		

Based on the inspection report and the violation notification, the SEAC classified the level of damages by the following criteria:

4. Low level Ecological damage:
  - a. Only procedural violations (started the construction at site without obtaining EC)
5. 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).
6. 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.

  
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b. Under Operation (occupied).

Level of damages	Ecological remediati on cost (% of project cost)	Natural resource augmentati on cost (% of project cost)	Community resource augmentatio n cost (% of project cost)	CER (% of project cost)	Total (% of project cost)
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

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the project proponent, the SEAC decided the fund allocation for Ecological remediation, natural resource augmentation & community resource augmentation and CER by following the below mentioned criteria, as per category 3, stated above.

For the project cost, the proponent has submitted the building valuation report for violated area Dated: 04.09.2021 from the Chartered Accountant (No: 157684). In that certificate it is given as follows,

Area of additional building constructed without EC- 2,90,612 Sq.m  
Cost of building per Sq.m. - Rs. 16,614.59/-

Sl.No	Cost of the violated building area	Value INR (in Crores)
	(Area of additional building constructed) X (Cost of building per Sq.m.) 1. = 2,90,612 Sq.m X Rs.16,614.59/-	482.83 Crores

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The total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 3.62 Crores arrived by the EIA coordinator which is less than the 1% of the project cost Rs. 4.82 Crores. Hence as per SEAC Norms Rs.4.82 Crores is finalized as the cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost.


Hence the total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 4.82 Crores.

The committee noted that the proponent has originally proposed for creating the facilities/supplying the vaccination for poor people through the VHS, Chennai-113. However in this presentation the project proponent has presented construction of STP and cost of infrastructure as the CER activities and the committee noted that the proposed activity do not fall under CER activities as per the OM of MoEF dated 1<sup>st</sup> May 2018. Hence SEAC decided to instruct the project proponent to strict on to the original proposal of providing/supporting the COVI-19 related activities through the VHS and accordingly present the CER activities and an undertaking to that effect may be submitted to SEIAA office.

After detailed discussion the SEAC has decided to call the proponent for representation in one of the forthcoming meetings.

#### Natural Resource Augmentation Plan

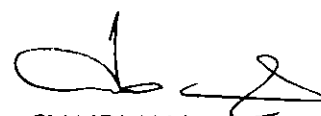
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		Year 1 (2021)	Year 2 (2022)	Year 3 (2023)
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2	Provision of drinking water facilities through Water tankers to Government Schools in Velachery and Perundurai	4.03	3.039	3.0
3	Renovation of 10 Km stretch of Buckingham Canal near project site.	3.05	4.10	5.050
4	Providing to TN Government towards maintaining Pallikaranai Marsh	6.00	7.00	5.00
Sub Total		16.095	17.139	15.050
Grand Total		48.284		

#### Community Augmentation Plan

S. No.	Description	Year wise Implementation and Budgetary provision (Rs.)		
		Year 1 (2021)	Year 2 (2022)	Year 3 (2023)
4.	Construction of sanitation facilities to Government School and Polytechnic college at Adyar and Tharamani	12.0	4.226	-
5.	Providing amount towards development of Science Laboratory at Government Higher Secondary School, Velachery and Government Higher Secondary School, Adyar	15.0	4.0	5.0
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Sub Total		32	18.226	22.200
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2	Natural Resource Augmentation Plan	48.284
3	Community Resource Augmentation Plan	72.426
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Grand total		362.13 say 3.62 crores

Note:

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**Corporate Environmental Responsibility:**

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Based on the inspection report and the violation notification, the SEAC classified the level of damages by the following criteria:

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


Level of damages	Ecological remediati on cost (% of project cost)	Natural resource augmentati on cost (% of project cost)	Community resource augmentatio n cost (% of project cost)	CER (% of project cost)	Total (% of project cost)
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that certificate it is given as follows,

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The total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 3.62 Crores arrived by the EIA coordinator is not taken up which is less than the 1% of the project cost is Rs. 4.82 Crores as per SEAC Norms.


Hence the total cost of Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation cost is Rs. 4.82 Crores.

The committee noted that the proponent has originally proposed for creating the facilities/supplying the vaccination for poor people through the VHS, Chennai-113. However in this presentation the project proponent has presented construction of STP and cost of infrastructure as the CER activities and the committee noted that the proposed activity do not fall under CER activities as per the OM of MoEF dated 1<sup>st</sup> May 2018. Hence SEAC decided to instruct the project proponent to strict on to the original proposal of providing/supporting the COVI-19 related activities through the VHS and accordingly present the CER activities and an undertaking to that effect may be submitted to SEIAA office.

After detailed discussion the SEAC has decided to call the proponent for representation in one of the forthcoming meetings.

Finally, the meeting ended with thanks to the Chairman and members at 08:30P.M.

  
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