

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 229th State Expert Appraisal Committee (SEAC) held on 27th August 2021 (FRIDAY) at SEIAA Conference hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Chemical Industry, Building and Construction Projects & Mining Projects through video conference.

Agenda No: 229-01

(File No: 7842/2020)

Proposed Multi coloured Granite quarry lease over an extent of 2.44.0Ha at S.F.Nos. 828 (part) & 830 of kannanallur Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by M/s.Chendhur Rocks - For Environmental Clearance.

(SIA/TN/MIN/172156/2020, dated: 09.09.2020)

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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, M/s.Chendhur Rocks, has applied for Environmental Clearance for the proposed Multi coloured Granite quarry lease over an extent of 2.44.0Ha at S.F.Nos. 828 (part) & 830 kannanallur 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 two years states that the total quantity of recoverable as 12113 cu.m of Multi coloured Granite & 4758 cu.m of Topsoil and the ultimate depth of mining is 11m.

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


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
1/SA


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

noted that in Google image (9° 37' 33.52" N, 78° 5' 19. 18" E) shows the existence of this quarry and it appears that it is in operation and there is no evidence of stopping the activity before 15.01.2016.

Hence the committee decided that, SEIAA office may check the same by writing a letter to proponent and clarify the issue on hearing from the proponent.

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

Agenda No: 229-02

(File No: 8425/2021)

Proposed Multi coloured Granite quarry lease area over an extent of 1.76.0Ha at S.F.No.22/7A, 22/8, 22/9, 22/10, 39/1 & 39/3 of Thonugal Village, Kariyapatti Taluk, Virudhunagar District Tamil Nadu by Thiru.S.Thirumalavan- For Environmental Clearance.

(SIA/TN/MIN/200565/2021, dated: 01.03.2021)

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Thirumalavan, has applied for Environmental Clearance for the proposed Multi coloured Granite quarry lease area over an extent of 1.76.0Ha at S.F.No. 22/7A, 22/8, 22/9, 22/10, 39/1 & 39/3 of Thonugal Village, Kariyapatti 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


MEMBER SECRETARY
SEAC -TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

2/9


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

as 8586 cu.m of Multi coloured Granite & 11904 cu.m of Weathered rock & Topsoil and the ultimate depth of mining is 13m.

Based on the presentation and documents furnished by the project proponent, SEAC noted there is an odai and it should be restored and all the sides should be strengthened as per the original records and this odai was feeding the downstream kanmoi which has been completely cut off by the mining the entire area without any safety distance to the odai.

Hence the committee decided to make a visit by sub-committee members to assess the actual present condition and feasibility for restricting the Odai.

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

Agenda No: 229-03

(File No: 8427/2021)

Proposed Gravel quarry lease area over an extent of 3.55.5Ha at S.F.Nos.177/2, 177/3, 177/4, 177/5(P), 178/1A(P) of Keeranur Village, Melur Taluk, Madurai District, Tamil Nadu by Thiru.V.Sekar - For Environmental Clearance.

(SIA/TN/MIN/201276/2021, dated: 03.03.2021)

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Sekar, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 3.55.5Ha at S.F.Nos. 177/2, 177/3, 177/4, 177/5(P), 178/1A(P) of Keeranur Village, Melur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
3/54


CHAIRMAN
SEAC - TN
DR. S. MOHAN
Chairman
SEAC - TN
Chennai-15


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

3. The production for the Three years states that the total quantity of recoverable as 59639 cu.m of Gravel and the ultimate depth of mining is 2m.

Based on the presentation and documents furnished by the project proponent, SEAC noticed that in 500m AD letter submitted proponentname is mentioned as Thiru.Balachander and not as Thiru.V.Sekar. The 500m radius letter addressed to V.Sekar was presented during the meeting and the proponent was instructed to upload this letter in PARIVESH website.

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.
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.


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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 & 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


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

9/5/19


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

- 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 schools 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, Tirunelveli District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 229-04

(File No: 8124/2021)

Proposed Gravel quarry lease area over an extent 1.59.0Ha at S.F.Nos. 38/2 & 38/3A of Vaippadi Village, Perundurai Taluk, Erode District, Tamil Nadu by Tmt.A.Mainavathi

-For Environmental Clearance.

(SIA/TN/MIN/201329/2021, dated: 03.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.A.Mainavathi, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15 **6/54**


CHAIRMAN

SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

1.59.0Ha at S.F.Nos. 38/2 & 38/3A of Vaippadi 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.

The project proponent was absent for the meeting, and hence the project proposal 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: 229-05


(File No: 8431/2021)


Proposed Rough stone, Jelly & Gravel quarry lease area over an extent of 4.57.5Ha at S.F.Nos. 835/1A, 835/2A, 835/1B & 835/2B2 of Atchampatti village, Manur Taluk, Tirunelveli District, Tamil Nadu by Tmt.K.Thenmathi - For Environmental Clearance. (SIA/TN/MIN/200540/2021, dated:05.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Thenmathi, has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease area over an extent of 4.57.5Ha at S.F.Nos. 835/1A, 835/2A, 835/1B & 835/2B2 of Atchampatti Village, Manur 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 564275 cu.m of Roughstone, 9558 cu.m of Weathered rock & 9840 cu.m of Gravel and the ultimate depth of mining is 47m.


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15 7/5x


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

The project proponent was absent for the meeting, and hence the project proposal 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: 229-06

(File No: 8432/2021)

Proposed Gravel laterite & Pebbles quarry lease area over an extent of 2.00.0Ha at S.F.Nos. 213/6A(P) of Naduveerapattu Village, Cuddalore Taluk, Cuddalore District, Tamil Nadu by Tmt.Premavathi - For Environmental Clearance.

(SIA/TN/MIN/202161/2021, dated: 06.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Premavathi, has applied for Environmental Clearance for the proposed Gravel laterite & Pebbles quarry lease area over an extent of 2.00.0Ha at, S.F.Nos. 213/6A(P) 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 two years states that the total quantity of recoverable as 37422 cu.m of Gravel laterite & 4158 cu.m of Pebbles and the ultimate depth of mining is 4m above 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


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15



CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.
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.


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15 9/54


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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 & 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 schools 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


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN

SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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

Agenda No: 229-07

(File No: 8433/2021)

Proposed Rough Stone quarry lease area over an extent of 1.50.0Ha at S.F.Nos. 41/1 Part(South) of Kadaneri Village, Peraiyur Taluk, Madurai District, Tamil Nadu by Thiru-C.Maharajan-For Environmental Clearance.


(SIA/TN/MIN/202582/2021, dated: 09.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.05.2021. 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-C.Maharajan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.50.0Ha, S.F.Nos. 41/1 Part (South) of Kadaneri Village, Peraiyur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 106327 cu.m of Rough Stone and the ultimate depth of mining is 58m.

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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

11/5A


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

Agenda No: 229-08

(File No: 8436/2021)

Proposed Rough Stone quarry lease area over an extent of 1.64.0Ha at S.F.Nos. 293/2 (part-III) of Suriyanagaram Village, Thiruthani Taluk, Thiruvallur District, Tamil Nadu by Thiru.D.Sathishkumar - For Environmental Clearance.

(SIA/TN/MIN/202414/2021,dated: 08.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.D.Sathishkumar, has applied for Environmental Clearance for the proposed Rough stonequarry lease area over an extent of 1.64.0Ha. at S.F.Nos. 293/2 (part-III) of Suriyanagaram Village, Thiruthani Taluk, Thiruvallur 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 178220 cu.m of Rough Stone and the ultimate depth of mining is 40m.

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 35m ultimate depth and quantity of 176525 cu.m of Roughstone 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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
12/54


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

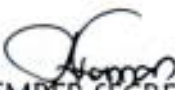
13/5A



CHAIRMAN
SEAC - TN

Dr. S. MOHAN
Chairman
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 for schools 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, Thiruvallur District in the mining plan approval and the Precise area


MEMBER SECRETARY
SEAC -TN

Member Secretary
SEAC - TN
Chennai-15

14
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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

AgendaNo: 229-09

FileNo: 8437/2021


Proposed Black Granite quarry lease over an extent of 2.00.0Ha at S.F.Nos.180/2A, 180/2B(P), 181/2B, 181/3B, 181/4B & 211/ 1A of Kadirampatti Village, Tirupathur Taluk, Tirupathur District, Tamil Nadu by Thiru.D.Raja- For Environmental Clearance (SIA/TN/MIN/201987/2021, dated: 05.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.D.Raja, has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 2.00.0Ha, S.F.Nos.180/2A, 180/2B(P), 181/2B, 181/3B, 181/4B & 211/ 1A of Kadirampatti Village, Tirupathur Taluk, Tirupathur 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 18009 cu.m of Black Granite, 24010 cu.m of Weathered rock & 26218 cu.m of Topsoil and the depth of mining is 14m.

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:


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15 15/5A

15


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
16/54

16


CHAIRMAN
SEAC- TN


Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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 & 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 schools 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, Tirupathur District in the mining plan approval and the Precise area


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

17
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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

Agenda No: 229-10

(File No: 8439/2021)

Proposed Gravel quarry lease area over an extent of 2.80.0Ha at S.F.Nos.791/1B(P), 797/1A(P) & 797/1B(P) of Nelali Village, Kangeyam Taluk, Tiruppur District Tamil Nadu by Thiru.M.R. Varatharajan- For Environmental Clearance.

(SIA/TN/MIN/202486/2021,dated: 08.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.R.Varatharajan, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 2.80.0Ha, at S.F.Nos. 791/1B(P), 797/1A(P) & 797/1B(P) of Nelali Village, Kangeyam 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 Three years states that the total quantity of recoverable as 104149 cu.m of Graveland the ultimate depth of mining is 5m 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 strictly follow the conditions given in the precise area communication letter.


MEMBER SECRETARY
SEAC -TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
16/5A


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15 11/59



CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
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 for schools 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


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

20
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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

Agenda No: 229-11

(File No: 8442/2021)

Proposed Rough Stone quarry lease area over an extent of 1.54.0Ha at S.F.Nos. 2617/2 of Jeyamangalam BIT-II Village, Periyakulam Taluk, Theni District, Tamil Nadu by Tmt.V.Niranjani Vijay- For Environmental Clearance.

(SIA/TN/MIN/202769/2021, dated: 11.03.2021).


The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.V.Niranjani Vijay, has applied for Environmental Clearance for the proposed Rough stone lease area over an extent of 1.54.0Ha at S.F.Nos. 2617/2 of Jeyamangalam BIT-II Village, Periyakulam Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 100950 cu.m of Rough Stone, 10793 cu.m of Weathered rock & 2914 cu.m of Topsoil and the ultimate depth of mining is 18m.

Based on the presentation and documents furnished by the project proponent, SEAC note that there are 3 canals, 3 odai and one percolation tank nearby. The project proponent shall furnish the details of 2 odai nearby. The committee noted that the area is used for rain water harvesting which will benefit the agricultural land nearby. Hence the SEAC decided to visit the site by SEAC Member(s) to assess the site conditions and environmental settings.


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
21
54


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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

Agenda No: 229-12

(File No: 8448/2021)

Proposed Rough Stone quarry lease area over an extent of 0.89.0Ha at S.F.Nos: 225/2, 225/4 & 225/7 of Kondamanaickenpatti Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu by Thiru-P.Subramani - For Environmental Clearance. (SIA/TN/MIN/201664/2021, dated: 04.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Subramani, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.89.0Ha, at S.F.Nos: 225/2, 225/4 & 225/7 of Kondamanaickenpatti Village, Senthamangalam Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 68585 cu.m of Rough Stone and the ultimate depth of mining is 37m 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:


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
22/54


22



CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

1. Restricting the depth of mining to 32m ultimate depth and quantity of 66835 cu.m of Roughstone 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.
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.


 MEMBER SECRETARY
 SEAC - TN
 R. KANNAN
 Member Secretary
 SEAC - TN
 Chennai-15


 CHAIRMAN
 SEAC - TN
 Dr. S. MOHAN
 Chairman
 SEAC - TN
 Chennai-15

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.
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


 MEMBER SECRETARY
 SEAC - TN
 R. KANNAN
 Member Secretary
 SEAC - TN
 Chennai-15


 CHAIRMAN
 SEAC - TN
 Dr. S. MOHAN
 Chairman
 SEAC - TN
 Chennai-15

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, Namakkal District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 229-13

(File No: 8451/2021)

Proposed Rough Stone quarry lease area over an extent 0.98.5Ha at S.F.Nos. 25/8, 26/2 & 26/5 of Pavakkal Village, Uthangarai Taluk, Krishnagiri District, Tamil Nadu by M/s. Shree Suriya Blue Metals - For Environmental Clearance.

(SIA/TN/MIN/202937/2021, dated: 12.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 23.07.2021. 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. Shree Suriya Blue Metals, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.98.5Ha at S.F.Nos. 25/8, 26/2 & 26/5 of Pavakkal Village, Uthangarai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 151938 cu.m of Rough Stone & 6566 cu.m of Topsoil and the ultimate depth of mining is 50m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC noted that in VAO certificate it is stated that there are 4 houses located within 500m


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
25/54

25


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

radius, also a clear look at the google map indicated that there are habitants even at 42m from the project and hence it is decided not to recommend for issue of Environmental Clearance.

Agenda No: 229-14

(File No: 8453/2021)

Proposed Gravel & Laterite quarry lease area over an extent of 1.27.0Ha at S.F.Nos. 193/3, 193/9, 193/10 & 193/11 of Keelarungunam Village, Panruti Taluk, Cuddalore District Tamil Nadu by Thiru-E.Rajendran - For Environmental Clearance.

(SIA/TN/MIN/203175/2021,dated: 12.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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-E.Rajendran, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.27.0Ha, at S.F.Nos. 193/3, 193/9, 193/10 & 193/11 of Keelarungunam Village, Panruti 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 19308 cu.m of Gravel & 2145 cu.m of Laterite and the ultimate depth of mining is 5m above 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:


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

26



CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

1. Restricting the quarrying operation on the western side of the lease applied area after leaving safety distance the total quantity of recoverable as 10706 cu.m of Gravel & 1190 cu.m of Laterite for two years and the ultimate depth of mining is 5m above ground level.
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.


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

27
54


CHAIRMAN

SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.
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.


MEMBER SECRETARY
SEAC -TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

20.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.

Agenda No: 229-15

(File No: 8456/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 3.38.0Ha at S.F.Nos.666/1(P), 666/2(P), 667/1, 667/2 & 667/3 of Pirancheri Village, Manur Taluk, Tirunelveli District Tamil Nadu by Tmt.P.BarakkathBegam - For Environmental Clearance.

(SIA/TN/MIN/200759/2021, dated: 15.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.P.BarakkathBegam, has applied for Environmental Clearance for the proposed Rough stone and Gravel quarry lease area over an extent of 3.38.0Ha at S.F.Nos. 666/1(P), 666/2(P), 667/1, 667/2 & 667/3 of Pirancheri Village, Manur 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 384138 cu.m of Rough Stone & 71862 cu.m of Gravel and the ultimate depth of mining is 31m 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


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

29
54

29


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

conditions stipulated by MOEF&CC:

1. Since the mining area is situated on the water spread area of the tank and very much abutting the depth of mining is restricted to 15m ultimate depth 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.
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.


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

30
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.
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.


 MEMBER SECRETARY
 SEAC -TN
 R. KANNAN
 Member Secretary
 SEAC - TN
 Chennai-15


 CHAIRMAN
 SEAC- TN
 Dr. S. MOHAN
 Chairman
 SEAC - TN
 Chennai-15

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 schools 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, Tirunelveli District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 229-16

(File No: 8458/2021)

Proposed Rough stone quarry lease area over an extent of 3.14.0Ha at S.F.Nos.406/1A, 406/1B1A, 406/1B1B, 406/1C1 & 406/2A of Panapatti Village, Kianthukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru.H.Karthik - For Environmental Clearance.

(SIA/TN/MIN/203361/2021, dated: 13.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.H.Karthik, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 3.14.0Ha, at S.F.Nos. 406/1A, 406/1B1A, 406/1B1B, 406/1C1 & 406/2A of Panapatti Village, Kianthukadavu 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.


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
32
54


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

3. The production for the five years states that the total quantity of recoverable as 205490 cu.m of Rough stone and the ultimate depth of mining is 45m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC noted that there are no benches, no green belt development in already mined out area and also there are 2 odai nearby. Hence the SEAC decided that MS, SEIAA shall write a letter to AD mines to check whether mining plan is followed during mining when the project proponent comes for second mining activity and also recommended that AD mines may visit the site and then shall approve the mining plan. The visit proceedings by the AD (mines) may also be submitted.

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

Agenda No: 229-17

(File No: 8462/2020)


Proposed Rough stone & Gravel quarry lease area over an extent of 1.37.0Ha at S.F.Nos.420/3(P) of Maravapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by Thiru.P.Shanmugam- For Environmental Clearance.

(SIA/TN/MIN/204242/2021, dated: 17.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Shanmugam, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.37.0Ha at S.F.Nos.420/3(P) of Maravapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

33
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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 Fiveyears states that the total quantity of recoverable as 45750 cu.m of Rough stone & 13632 cu.m of Gravel and the ultimate depth of mining is 12m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the mine plan is prepared for 10 years and there is no specific plan for 5 years. The project proponent shall obtain revised mine plan for 5 years and also, revise form 1 and resubmit the application in Parivesh website.

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

Agenda No: 229-18

(File No: 8465/2020)

Proposed Gravel quarry lease area over an extent 4.00.0Ha at S.F.Nos.16/4(P) of Therkusanthanoor Village, Manamadurai Taluk, Sivagangai District Tamil Nadu by Thiru.A.Balachandran - For Environmental Clearance.

(SIA/TN/MIN/203837/2021,dated: 16.03.2021).


The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Balachandran, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 4.00.0Ha at S.F.Nos.16/4(P) of Therkusanthanoor Village, Manamadurai Taluk, Sivagangai 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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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: 229-19

(File No: 8466/2021)

Proposed Rough Stonequarry lease area over an extent of 0.73.5Ha at S.F.Nos.132/3 of Boothanahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu by Thiru.R.Govindasamy- For Environmental Clearance.

(SIA/TN/MIN/204184/2021, dated: 17.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Govindasamy, has applied for Environmental Clearance for the proposed Rough stonequarry lease area over an extent of 0.73.5Ha at S.F.Nos.132/3 of Boothanahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 79230 cu.m of Rough Stone and the ultimate depth of mining is 20m 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


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


35
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

conditions stipulated by MOEF&CC:

1. Restricting the depth of mining to 15m ultimate depth and quantity of 64950 cu.m of Rough stone 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.
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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN

SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.
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


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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, Dharmapuri District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

Agenda No: 229-20

(File No: 8467/2021)

Proposed Rough Stone quarry lease area over an extent of 1.17.4Ha at S.F.Nos.399(Part) of Kalappanahalli Village, Karimangalam Taluk, Dharmapuri District Tamil Nadu by Thiru-A.Sasimohan - For Environmental Clearance.

(SIA/TN/MIN/203757/2021, dated: 16.03.2021).

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. 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.Sasimohan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.17.4Ha at S.F.Nos. 399(Part) of Kalappanahalli Village, Karimangalam Taluk, Dharmapuri District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 146340 cu.m of Rough Stone and the ultimate depth of mining is 25m below ground level.

Based on the initial discussion and documents furnished by the project proponent, SEAC noted that the Ministry of Mines, Govt vide order Dt: 03.06.2020 has issued


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
38
SA


CHAIRMAN
SEAC - TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15


guidelines for auction of minerals blocks for pre - embedded clearance for mining projects as follows,

"Each State should identify at least five mineral blocks for auction with pre-embedded clearance. The State Government may set up a Project Monitoring Unit (PMU) to complete the preparatory work for obtaining the requisite clearances / approvals and related work. The PMU will become the applicant for all the clearances required to start the mining operations.

Since Mining Plan is the basic document to start mining operation on which hinges the EC and FC, the PMU under the State Government should get the Mining Plan prepared by engaging a qualified person (QP) as per the revised proforma prescribed by Indian Bureau of Mines which is attached with this document (Annexure 1). The EMU should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining Indian Bureau of Mines will approve the mining plan/scheme of mining submitted to them by the PMU within a period of fifteen days, allowing successful bidder the flexibility to either enhance or reduce the production limit by 25%.

FC has two stages. Details are available on the PARIVESH portal of MOEF&CC (<https://parivesh.nic.in> c.in). Up to FC Stage-I, no financial Commitment is required or levy is to be paid, except for bearing the cost of enumeration of trees on forest land sought for diversion and some sundry expenses. High costs are involved at FC stage-II It is understood that PMU may not be able to deposit huge sums on account of NPV, compensatory afforestation, cost of trees and other related levies and charges as applicable in FC Stage-II. Hence, PMU will obtain FC stage-I only. And, the successful bidder will make payments accordingly and obtain FC Stage-II. Expenditure incurred by PMU towards processes to be completed for obtaining FC Stage-I including demarcation of land and enumeration of trees etc. shall be initially borne by the State Government and subsequently recouped by charging from the successful bidder at the time of execution of mining lease or transfer of clearance, whichever is


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
39
59


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

earlier.

For EC, the PMU will complete the process and obtain the same along with FC Stage-1. Any expenditure involved in the processes including payments to ELA consultant, cost of getting Environment Public Hearing conducted and other related expenses will be initially borne by the State Government and subsequently recouped by charging the same from the successful bidder at the time of signing mining lease or transfer of clearance, whichever is earlier.

The PMU should simultaneously obtain EC and prior approval for FC Stage-1 clearance for diversion of forest and for non-forest purpose for the operation of mining as per the guidelines issued by MoEF& CC dated 29.04.2020. While giving EC, there should be flexibility for the successful bidder to either enhance or reduce production limit by 25%, without requiring him to obtain fresh EC approval. Since obtaining land rights for mining is another time consuming process, the PMU should get the land rights for mining in case of both governments as well as privately owned land.

The State government should also apply and obtain all other clearances which are required for the lessee to start the mining operations. The lists of clearances are at Annexure III. The fees for obtaining these clearances shall also be initially borne by State Government and subsequently recouped by charging it from successful bidder at the time of signing mining lease or transfer of clearances, whichever is earlier. Appropriate provisions should be made in the bid document for auction for charging from the successful bidder all the expenditure incurred by the State Government on account of the engagement of PMU and also for obtaining clearances/approvals. The above clearances may be transferred to the successful bidder seamlessly so that mining operations start without any delay.

These identified mineral blocks with pre-embedded clearances may be


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

40
54


CHAIRMAN
SEAC - TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

auctioned along with the other mineral blocks without pre-embedded clearances. Based on the experience from auction of the identified mineral blocks on pilot basis, further step will be taken towards mainstreaming the concept of auction with pre-embedded clearances of National Mineral Policy, 2019 approved by the Cabinet".

In view of the above order, SEAC has decided to refer the above office memorandum of MoEF&CC to SEIAA for further clarification in detail regarding eligibility of this application for appraisal in regard to the Ministry of Mines, Gol orders Dt: 03.06.2020 in regard to guidelines for auction of minerals blocks for pre - embedded clearance for mining projects.

The Member Secretary, SEIAA-TN has issued a clarification vide SEIAA Lr. No. SEIAA-TN/SEAC Communications/2020 dated: 24.06.2021 and it stated as follows,

"I invite kind your attention to above subject, where a lot of representations have been brought to the notice of recently from the proponents regarding the Applicability of per-embedded prior Environmental/Forest Clearance for mining projects - Auctioning of mineral blocks with per-embedded prior Environmental/Forest Clearance for the identified mineral block with proven reserves (proposed mining lease areas).

As per Ministry of Mines, Letter No. 161412020-M.VI Dated: 3rd June, 2020, the Ministry of Mines, Gol has addressed the Chief Secretaries of all States with a direction stating that the State Government to follow the guidelines for pre-embedded clearances annexed with this order and implement the same in letter and spirit and the States should implement this mechanism on pilot basis in respect of identified mineral blocks, which could be auctioned with pre-embedded clearances and issued following guidelines among others:

The State Government may set up a Project Monitoring Unit (PMU) to


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

91/54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

complete the preparatory work for obtaining the requisite clearances / approvals and related work. The PMU will become the applicant for all the clearances required to start the mining operations.

Since Mining Plan is the basic document to start mining operation on which hinges the EC and FC, the PMU under the State Government should get the Mining plan prepared by engaging a qualified person (QP) as per the revised proforma prescribed by Indian Bureau of Mines. the PMU should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining. Indian Bureau of Mines will approve the mining plan/scheme of mining submitted to them by the PMU within a period of fifteen days. allowing successful bidder the flexibility to either enhance or reduce the production limit by 25%.

From the point (ii) above, it clear that the above guidelines for the pre-embedded clearance is applicable only for major minerals, since the Guidelines states that Project Monitoring Unit (PMU) should approach the Indian Bureau of Mines for approval of such mining plan/scheme of mining - IBM approves mining plan/scheme of mining of major minerals, whereas the mining plans are approved by Department of Geology and mining/State Government for minor minerals. Hence it is requested that the revaluation applications may be appraised accordingly."

Based on the report/documents furnished by the Project proponent, after detailed discussion and clarification letter provided by SEIAA, the committee felt the SEIAA may get a clarification from MoEF in this regard about the applicability of Ministry of Mines, Govt vide order Dt: 03.06.2020 for minor minerals.


MEMBER SECRETARY
SEAC -TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
42
54


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

Agenda No: 229-21

(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 200th 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.
3. The production for the five years states that the total quantity of recoverable as 73626 cu.m of Multicolour Granite and the ultimate depth of mining is 62m below ground level.

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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

43
54

43


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.

The proposal was placed for appraisal in this 225th 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.

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF&CC:

1. Restricting the depth of mining to 50m ultimate depth 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.
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. The project proponent before starting further mining operation the waste material that is spread over haphazardly may be stored at designated places.
4. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.


MEMBER SECRETARY
SEAC -TN


R. KANNAN
Member Secretary
SEAC - TN
Chennai-15



CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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.
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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

45
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

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 schools proposed in the CER and furnish the same before placing the subject to SEIAA.
21. 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.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

46
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

Agenda No: 229-22

(File No: 6439/2017)

Expansion in Production of Water based Latex Polymer from 40000 MTA to 70000 MTA & Latex Polymer cake from 407 MTA to 1462 MTA in two phase in existing Emulsion Plant by M/s. Dow Chemical International Private Limited located at Plot No. L-7, Sipcot Industrial Park (Phase II), Mambakkam Post, Sriperumbudur Village, Kanchipuram District, Tamil Nadu - For Environmental Clearance.

(SIA/TN/IND2/ 21287/2017 dated: 07.12.2017)

The SEAC noted the following:

1. The project proponent, M/S-Dow Chemical International PVT LTD, has applied for Environmental Clearance for the proposed Synthetic organic chemical industry at S.F.Nos. Plot No. L-7, Sipcot Industrial Park (Phase II), Mambakkam Post, Sriperumbudur Village, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 5(f) "Synthetic Organic chemical Industry Projects" of the Schedule to the EIA Notification, 2006.

The proposal was placed in the 131st SEAC Meeting held on 17.07.2019. The proponent during presentation the proponent has informed that their product Waterbased Latex polymer & Latex Polymer Cake are synthetic polymer (not natural polymers) and further the raw material used are styrene, Butyl Acralate, VAM (Vinyl Acetate Monomer), Methyl methacrylate, Butyl Acralate, 2-EHA (2-Ethyl Hexyl Acrylate), Ethylacralate, AN (Acrylonitrile) which are synthetic. The clarification received from the MoEF&CC that water-based latex is a natural polymer and does not attract the provisions of EIA Notification 1994 or EIA Notification 2006.

Hence, the SEAC decided to send the proposal to IIT/Anna University to know whether the proposal submitted by the proponent for the manufacturing of Water based Latex polymer & Latex Polymer Cake from the raw materials such as styrene, Butyl Acralate, VAM (Vinyl Acetate Monomer), Methyl methacrylate, Butyl Acralate,


MEMBER SECRETARY
SEAC - TN

R. KARANAN
Member Secretary
SEAC - TN
Chennai-15

47
54

47


CHAIRMAN
SEAC - TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

2-EHA(2-EthylHexylAcrylate), Ethylacrylate, AN (Acrylonitrile) is natural polymer or synthetic polymer.

After receipt of the above detail from IIT/Anna University, further course of action will be taken on the proposal.

The report from the IIT Madras was received for the clarification regarding whether the products which are produced by the unit are synthetic organic chemicals or natural organic chemicals, was received from SEIAA office on 23rd May 2020 and the same was placed in the 153rd SEAC meeting held on 04.06.2020. The SEAC noted that the report from the IIT Madras has confirmed that the chemicals produced are synthetic organics and it clearly reveals that the unit activity attracts both the EIA Notification 2006 and EIA notification 1994.

In the view of the above, the SEAC decided to forward the application to SEIAA for further course of action according to the law.

The proposal was placed in 382nd SEIAA meeting held on 23.06.2020. The Authority discussed in detail and noted the following:

SEAC in its 153rd meeting held on 04.06.2020 has stated the following among other things.

"The SEAC noted that the report from IIT Madras has confirmed as Synthetic organic and it clearly shows that the unit activity attracts both the EIA Notification 2006 & EIA Notification 1994".

However, SEAC in its 153rd meeting held on 04.06.2020 has not furnished specific recommendations to SEIAA to take decision on the application.

In this regard the Para 8 (ii) of EIA Notification 2006 is reproduced for information.

"The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level expert Appraisal Committee concerned within forty-five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while


MEMBER SECRETARY
SEAC - TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

48
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observation of the regulatory authority and furnish its view on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days."


In view of the above the Authority decided to refer the subject back to SEAC to consider the application & furnish the specific recommendation to SEIAA for taking appropriate decision by SEIAA. The refer back proposal from SEIAA to SEAC to consider the application & furnish the specific recommendation to SEIAA was placed in the 164th SEAC Meeting held on 20.07.2020.

In the minutes of the 153rd SEAC meeting held on 04.06.2020, it was clearly mentioned that the unit activity attracts the Environmental Impact Assessment Notification, 1994 issued by MoEF & CC vide S.O.60 (E) dated 27.01.1994 in schedule -I S.No. 15. Integrated paint complex including manufacture of resins and basic raw materials required in the manufacture of paints requiring environmental clearance from the MoEF and the unit was not obtained Environment Clearance for the existing activity as per the Environmental Impact Assessment Notification, 1994 issued by MoEF & CC vide S.O.60 (E) dated 27.01.1994. Hence, the project comes under violation as per the documents furnished by the project proponent and as per the MoEF & CC guidelines. However, now the project proponent applied for expansion activity. Hence, the SEIAA may take further action as per the provisions of the MoEF & CC guidelines.

The proposal was placed before the 426th Authority meeting held on 24.02.2021. After detailed discussion the Authority noted the following;

1. Terms of Reference (ToR) was issued for this proposal for expansion vide F.No.6439/2017/ (5f)/SOC/TOR-291/2017 dated 09-10-2017


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

2. The proposal seeking Environmental Clearance was already placed before 102nd, 103rd, 117th, 131st, 153rd & 164th SEAC meetings held on 01.02.2018, 23.02.2018, 28.07.2018, 17.07.2019, 04.06.2020 & 20.07.2020 respectively.
3. Subsequent to the SEAC meetings, the minutes of the SEAC meeting was placed before the 325th, 343rd, 382nd Authority meeting held on 19.07.2018, 03.05.2019 & 23.06.2020 respectively.
4. Meanwhile, the subcommittee constituted by the SEAC has inspected the site on 10.02.2018 and based on the inspection, the committee in its 103rd meeting held on 23.02.2018 has recommended to consider the grant of EC subject to the resolution of the point whether the EIA notification, 1994 was applicable in the case of this project in the year 2006 when the proponent planned to start the industry.
5. Clarification has been requested from MoEF&CC vide SEIAA office letter dated 12.12.2018. The MoEF&CC has sent the clarifications vide in their letter dated 25.03.2019 received by SEIAA office on 03.04.2019 and clarification letter placed in the 153rd meeting held on 4.6.2020 and noted the following among other things.
 - a) "The SEAC noted that the report from IIT Madras has confirmed as Synthetic organic and it is clearly shows that the unit activity attract both the EIA Notification 2006 & EIA Notification 1994".
6. However, SEAC in its 153rd meeting held on 4.6.2020 has not furnished specific recommendations to SEIAA to take decision on the application. Hence the Authority in its 382nd SEIAA Meeting held on 23.06.2020 decided to refer back the proposal to SEAC to furnish the specific recommendations.
7. The SEAC in its 164th SEAC meeting held on 20.07.2020 has stated as follows:
 - a) Meeting of the 153rd SEAC meeting held on 04.06.2020, it was clearly mentioned that the unit activity attract the Environmental Impact Assessment Notification, 1994 issued by MoEF & CC vide S.O.60 (E) dated 27.01.1994 in schedule -I S.No. 15. Integrated paint complex including manufacture of resins and basic raw materials required in the


 MEMBER SECRETARY
 SEAC - TN
 R. KANNAN
 Member Secretary
 SEAC - TN
 Chennai-15


 CHAIRMAN
 SEAC- TN
 Dr. S. MOHAN
 Chairman
 SEAC - TN
 Chennai-15

manufacture of paints requiring environmental clearance from the MoEF and the unit was not obtained Environment Clearance for the existing activity as per the Environmental Impact Assessment Notification, 1994 issued by MoEF&CC vide S.O.60 (E) dated 27.01.1994. Hence, the project comes under violation as per the documents furnished by the project proponent and as per the MoEF&CC guidelines. However, now the project proponent applied for expansion activity. Hence, the SEIAA may take further action as per the provisions of the MoEF&CC guidelines.

8. In this connection, the proponent vide letter dated 18.02.2021 has submitted the clarification letter obtained from MoEF&CCF.No. 22-7/2019-IA.III dated 03.02.2021 as stated as follows:

- a) It is to inform that the Ministry had issued a clarification vide letter dated 25.03.2019 stating that water based latex polymer would not attract the provisions of EIA Notification 1994 as well as 2006 as water based polymer was a 'natural polymer'.
- b) However, the matter has been referred back to MoEF&CC as SEIAA Tamil Nadu requires additional clarifications on the applicability of EIA Notification 1994, at the time of establishment of the manufacturing unit.
- c) Subsequently the matter was referred to the Expert Appraisal Committee of the Ministry and the matter regarding the applicability of EIA Notification 1994 as well as 2006 on water based polymer was deliberated upon in detail.
- d) Based on the recommendations of the Committee it is clarified that the existing water based latex polymer manufacturing project does not require prior Environmental Clearance as per the EIA Notification, 1994. However, considering the project under category 5 (f) 'Synthetic Organic Chemical Industry' of the schedule to the EIA Notification,


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15
51
54


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

2006, the project proponent may obtain prior EC for expansion / modernization of the project from the concerned regulatory authority.

e) This is issued with the approval of the competent authority.

9. Further the proponent vide letter dated 18.02.2021 has requested to consider the file for grant of EC expansion.

10. In this regard, it is noted that the proponent has submitted the copy of the minutes of the 4th EAC meeting held during the 14-15.01.2021 and noted that EAC after detailed deliberations and considering the clarifications issued by the Ministry vide letter dated 25.03.2019 and considering that water based latex polymer is one of the additives only along with other component in the Paint Industry, was of the view that the water based latex polymer manufacturing project does not require prior environmental clearance at the time of establishment of the unit as per the EIA Notification, 1994. However considering the project under category 5(f) Synthetic Organic Chemical Industry of the Schedule to the EIA Notification 2006 the project proponent shall obtain prior EC for expansion/modernization of the project from the concerned regulatory Authority.

In the view of the above, the Authority decided to refer back the proposal along with the clarification letter issued by the MoEF & CC vide Letter No. 22-7/2019-IA.III dated 03.02.2021 and the minutes of the 4th EAC meeting held on 14 & 15th January 2021 to SEAC for further course of action.

The subject was once again placed in the 209th SEAC meeting held on 09.04.2021.

After detailed discussion the committee decided to obtain a detailed note from SEIAA office in chronological order to take further deliberation and decision.

The SEIAA Submitted the Note on 17.08.2021.

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021.


MEMBER SECRETARY
SEAC - TN
R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

52


CHAIRMAN
SEAC- TN
Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

52
54

Based on the presentation and documents furnished by the project proponent, SEAC noted the EIA report was submitted on 08.12.2017, hence SEAC decided that the project proponent shall submit revised EIA report, with the latest data collected.

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

Agenda No: 229-23

(File No: 8368/2020)

Proposed construction Expansion of Hospital project at S.F.Nos.448/3B, 448/4A, 458/2A1, 459/2A, 447/2A2, 448/3C2, 458/2A, 458/2B1, 459/2A, 459/2B, 460/1A1, 460/1B1 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District Tamil Nadu by M/s. Govel Trust - For Environmental Clearance.

(SIA/TN/MIN/197088/2021, dated: 08.02.2021).

The proposal was placed for appraisal in this 227th meeting of SEAC held on 21.08.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s.Govel Trust has applied for Environmental Clearance for the proposed Expansion of Hospital Buildings at S.F.Nos. 448/3B, 448/4A, 458/2A1, 459/2A, 447/2A2, 448/3C2, 458/2A, 458/2B1, 459/2A, 459/2B, 460/1A1, 460/1B1 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building & Constructions Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that the representative attended on behalf of the proponent has not furnished authorisation letter from the project proponent in prior notice and


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

53
54


CHAIRMAN
SEAC- TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15

same was not furnished even during the presentation including identity card. Further SEAC decided to direct the proponent to update the details in parivesh website with revised break-up details of plot coverage area and built-up area of the proposed expansion hospital buildings and existing hospital buildings along with valid TNPCB consent details of the existing hospital project.

Hence, SEAC decided to take up the said project in any one of the forthcoming SEAC meeting after receipt of said details updated by the project proponent in parivesh website.

The proposal was placed for appraisal in this 229th meeting of SEAC held on 27.08.2021.

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

- (i) The project proponent shall re-design the STP.
- (ii) The project proponent shall furnish comparison table for existing and expansion project.
- (iii) The project proponent shall install organic waste convertor for bio-degradable waste.
- (iv) The project proponent shall increase the green belt to 3m along the periphery.
- (v) The project proponent shall re-calculate CER by setting 2% of project cost.
- (vi) The project proponent shall submit compliance report for EC obtained earlier.

Since it is an expansion project, SEAC decided to visit the site by SEAC Member(s) to assess the site conditions and environmental settings.

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


The meeting ended with thanks to the Chairman and members of SEAC at 08:30 P.M.


MEMBER SECRETARY
SEAC -TN

R. KANNAN
Member Secretary
SEAC - TN
Chennai-15

54
54

54


CHAIRMAN
SEAC - TN

Dr. S. MOHAN
Chairman
SEAC - TN
Chennai-15