STATE EXPERT APPRAISAL COMMITTEE - TAMIL NADU

Minutes of the Meeting of 264th State Expert Appraisal Committee (SEAC) held on 19th April 2022 (Tuesday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects through online and offline mode

Agenda No: 264-1

(File No: 7222/2021)

Proposed Rough stone quarry lease area over an extent of 2.50.0 Ha S.F.Nos. 8/1 Uthupatti Village, Kulithalai Taluk, Karur District by Thiru R.Sivaraj - For Environmental Clearance. (SIA/TN/MIN/40939/2019 Dt.19.11.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru R.Sivaraj has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 2.50.0 Ha S.F.Nos. 8/1 Uthupatti Village, Kulithalai Taluk, Karur District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 267270 m3 of Rough stone and 5702 m3 of top soil. The Annual peak production as per mining plan is 61370 m3 of rough stone (5th year) with proposed depth 21m(BGL).
- 4. The PP has issued with ToR vide Lr.No. SEIAA-TN/F.No.7222/SEAC/ToR-718/2020 Dt. 23.6.2020.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following fpecific MEMBER SECRETARY 1 CHAIRMAN SEAC -TN SEAC -TN

conditions:

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 5. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Elementary School, located in Pallipatty, Karur District.

Panchayat Union Elementary School, located in Pallipatty, Karur District.

- 1. Construction/renovation of Girls toilet with 24/7 water facility,
- 2. Terracotta painting of School painting wall with Environmental Awareness slogans.
- 3. Tree plantation (see appendix).
- 4. Creating Smart Class Room facility.

Agenda No: 264-2

(File No: 7665/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No. 214 (Part) of Nathapatti Village, Vedasandur Taluk, Dindigul District, Tamil Nadu by Thiru. V.Umachandran- For Environmental Clearance. (SIA/TN/MIN/156102/2020 Dt.17.8.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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The SEAC noted the following: MEMBER SECRETARY SEAC -TN

CHAIRMAN SEAC- TN

- The project proponent, Thiru V.Umachandran has applied for Environmental Çlearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No. 214 (Part) of Nathapatti Village, Vedasandur Taluk, Dindigul District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. Earlier, the tender & precise area communication was granted for the said proposal in the name of Thiru.V.Umachandran. On the demise of the said proponent, Thiru U. Vignesh S/o Thiru.V.Umachandran has obtained legal heir certificate and also obtained permission from AD Geology & Mining to proceed further in the name of Thiru U. Vignesh vide Lr Dt. 19.7.2021.
- 4. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 70875 m3 of Rough stone. The Annual peak production as per mining plan is 15,050 m3 of rough stone (5th year) with ultimate depth of 26m BGL. (Existing 6m + proposed 20m).

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

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within one year from the commencement of mining operation.

MEMBER SECRETARY SEAC -TN

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- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 5. As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the following activities in Govt. High School, located in Devanayakanpatti, Dindigul District.

	Govt. High School, Devanayakanpatti, Dindigul District.
1.	Provision of school building and toilet construction with bio septic tank
2.	Incineration in Girls toilet,
3.	Books to library, specifically on environmental awareness.
4.	Tree Plantation in school open space (as per Appendix-1)

(File No: 7667/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No. 1/4 (Part-30) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru M. M. Aravindraj - For Environmental Clearance. (SIA/TN/MIN/53566/2020 Dt. 3.2.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru M. M. Aravindraj has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F. No. 1/4 (Part-30) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 817700 m3 of Rough stone and 10000 m3 of top soil. The Annual peak production as per mining plan is 200000 m3 of rough stone (2nd year) with ultimate depth of 101m (93m AGL + 8M BGL).

MEMBER SECRETARY SEAC -TN

SEAC- TN

4. The PP was issued with ToR vide Lr.No. SEIAA-TN/F.No.7667/SEAC/ToR-788/2020 Dt. 06.10.2020.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Bahavalli RF located from the project site.

Agenda No: 264-4

(File No: 7775/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F. No. 1/4 (Part-33) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. M. P. Karthikeyan - For Environmental Clearance. (SIA/TN/MIN/55848/2020 Dt. 7.2.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. M. P. Karthikeyan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F. No. 1/4 (Part-33) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 5,21,160m3 of Rough stone and 10000 m3 of top soil. The Annual peak production as per mining plan is 120000 m3 of rough stone (4th year) with ultimate depth of 76m (59m AGL + 17M BGL).
- 4. The PP has issued with ToR vide Lr.No. SEIAA-TN/F.No.7775/SEAC/ToR-819/2020 Dt. 11.11.2020.

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SEAC- TN

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Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Bahavalli RF located from the project site.

Agenda No: 264-5

(File No: 7786/2021)

Proposed gravel quarry lease area over an extent of 3.24.0 Ha at SF.No. 391 (p) Sengarai Village, Uthukottai Taluk, Tiruvallur District Tamil Nadu by Thiru K.Muthu- For Environmental Clearance. (SIA/TN/MIN/170517/2020 Dt.22.3.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru K.Muthu has applied for Environmental Clearance for the proposed gravel quarry lease area over an extent of 3.24.0 Ha at SF.No. 391 (p) Sengarai Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu. It is a PWD tank.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 55 days. The production for 55 days not to exceed 29160m3 of gravel with ultimate depth 0.9m.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

- 1. The PP shall furnish the mineral composition analysed by any laboratory approved by the Department of Geology & Mining.
- 2. The PP shall furnish a letter from DFO indicating the details of nearest RF and its distance with respect to the project site.

SEAC -TN

SEAC- TN

(File No: 7791/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha SF.No.130/1 Pt Block - 2, Pudunaduvalur Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Thiru A.Kaliyaperumal - For Environmental Clearance. (SIA/TN/MIN/170772/2020 Dt.1.9.2020)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru A.Kaliyaperumal has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha SF.No.130/1 Pt Block -2, Pudunaduvalur Village, Perambalur Taluk, Perambalur District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 221000m3 of Rough stone. The Annual peak production as per mining plan is 54000 m3 of rough stone (1styear) with ultimate depth 60m (25m AGL+ 35m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Velur RF located from the project site.

Agenda No: 264-7

(File No: 7794/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F. No. 1/4 (Part-31) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru K. J. Dinesh -For Environmental Clearance. (SIA/TN/MIN/56106/2020 Dt.9.2.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the Lang MEMBER SECRETARY 7 SEAC -TN

website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru K. J. Dinesh has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F. No. 1/4 (Part-31) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 673460m3 of Rough stone and 16000 m3 of top soil. The Annual peak production as per mining plan is 138500 m3 of rough stone (2nd year) with ultimate depth 66m AGL.
- The PP was issued with ToR vide Lr.No. SEIAA-TN/F.No.7794/SEAC/ToR-870/2020 Dt. 12.3.2020 with the restricted production of Rough stone as per mining plan 598460cu.m & 16000cu.m of topsoil for five year with ultimate depth of 61m.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Bahavalli RF located from the project site.

Agenda No: 264-8

SEAC -TN

(File No: 7796/2021)

Proposed Rough stone quarry lease area over an extent of 1.60.0Ha at S.F. No. 1/4 (Part-34) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. R. Kuthalingam - For Environmental Clearance. (SIA/TN/MIN/56156/2020 Dt.24:1.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). MEMBER SECRETARY 8 CHAIRMAN

SEAC- TN

The SEAC noted the following:

- The project proponent, Thiru. R. Kuthalingam has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.60.0Ha at S.F. No. 1/4 (Part-34) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 566099m3 of Rough stone and 16000 m3 of top soil. The Annual peak production as per mining plan is 115000 m3 of rough stone (2nd & 4thyear) with ultimate depth 46m AGL.
- 4. The PP was issued with ToR vide Lr.No. SEIAA-TN/F.No.7796/SEAC/ToR-830/2020 Dt. 16.12.2020 with the restricted production of Rough stone as per mining plan 406099 m3/- with ultimate depth of 36m and the same was accepted by the PP.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Bahavalli RF located from the project site.

Agenda No: 264-9

(File No: 7805/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No's. 200/1C (Block – 11) Vengalam Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu by Thiru G. Jegadeesan - For Environmental Clearance. (SIA/TN/MIN/171000/2020 Dt.22.7.2021)

The proposal was placed for appraisal in this 264^{th} meeting of SEAC held on 19.4.2022. The details of the project furnished by the proportent are given in the website (parivesh.nic.in).

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MEMBER SECRETARY SEAC -TN

SEAC- TN

The SEAC noted the following:

- The project proponent, Thiru G. Jegadeesan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at S.F.No's. 200/1C (Block – 11) Vengalam Village, Veppanthattai Taluk, Perambalur District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 231590m3 of Rough stone and 10000 m3 of top soil. The Annual peak production as per mining plan is 51200 m3 of rough stone (3rd year) with ultimate depth 86m (46m AGL + 40m BGL).

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

- 1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere ₱MP furnished.

CHAIRMAN

SEAC- TN



- 5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School, located in Vengalam, Perambalur District,
 - Panchayat Union Primary School, Vengalam, Perambalur District.
 - 1. Renovation or Reconstruction of Existing Toilets for Boys/Girls with 24x7 water supply.
 - 2. Repairing of ceiling in 2 RCC buildings.
 - 3. Tree plantation (see appendix),

(File No: 7835/2021)

Proposed Rough stone quarry lease area over an extent of 1.60.0Ha at S.F.No. 165 (Part-3) Sengadu Village, Walajah Taluk, Ranipet (formerly Vellore) District, Tamil Nadu by Thiru P.Aruldass, - For Terms of Reference . (SIA/TN/MIN/170060/2020 Dt. 28.8.2020)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru P.Aruldass has applied for Terms of Reference for the proposed Rough stone quarry lease area over an extent of 1.60.0Ha at S.F.No. 165 (Part-3) Sengadu Village, Walajah Taluk, Ranipet (formerly Vellore) District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 427594m3 of Rough stone. The Annual peak production as per mining plan is 87020 m3 of rough stone (5th year) with ultimate depth 41m (21mAGL+20m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent MEMBER SECRETARY 11 CHAIRMAN SEAC -TN SEAC - TN

- 1. The project proponent shall furnish a letter from DFO indicating the details of nearest RF and its location from the project site.
- 2. Detailed clarification shall be provide regarding to consider this proposal as B2 category along with revised 500m radius Cluster letter from AD Geology & Mines.

(File No: 7954/2021)

Proposed Rough stone quarry lease area over an extent of 1.22.0Ha at S.F.Nos. 76 and 140 (Part-4), Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu by Thiru P.Periyannan- For Environmental Clearance. (SIA/TN/MIN/174650/2020 Dt. 22.9.2020)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru P.Periyannan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.22.0Ha at S.F.Nos. 76 and 140 (Part-4), Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 96154m3 of Rough stone. The Annual peak production as per mining plan is 34265 m3 of rough stone (4th year) with ultimate depth 20m (5mAGL+15m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO indicating the distance of Nathathahalli RF with respect to the project site //

FCRETARY SEAC -TN

(File No: 8053/2021)

Proposed Rough stone quarry lease area over an extent of 1.43.5.0Ha at S.F. No. 95(Part) Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. S.Rangasamy - For Environmental Clearance. (SIA/TN/MIN/56792/2020 Dt. 25.1.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru S.Rangasamy has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.43.5Ha at S.F. No. 95(Part) Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 2,42,233m3 of Rough stone. The Annual peak production as per mining plan is 59178 m3 of rough stone (1st year) with ultimate depth 50m (15mAGL+35m BGL).
- 4. The PP was issued with ToR vide SEIAA-TN/F.No.8053/SEAC/TOR-901/2020 Dt.16.3.2021 with the restricted production of Rough stone as per mining plan 2,32,393m3/- with ultimate depth of 45m (15m AGL + 30m BGL) and the same was accepted by the PP.

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

conditions: MEMBER SECRETARY SEAC -TN

CHAIRMAN SEAC- TN

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished:
- 5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Govt. High School, located in Muthur Village, Kinathukadavu Taluk, Coimbatore District.

Govt. High School, Muthur Village, Kinathukadavu Taluk, Coimbatore District.

- 1. Renovation of Existing Toilets for Boys.
- 2. Renovation of Existing Toilets for Girls, including installation of a incinerator.
- 3. Construction of Hand Washing System.
- 4. Tree plantation (see appendix).

Agenda No: 264-13

(File No: 8055/2021)

Proposed Rough stone quarry lease area over an extent of 1.20.5 Ha at SF.No.98A (Part) Pit-5, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District by Thiru. K. Sivaprakash- For Environmental Clearance. (SIA/TN/MIN/56800/2020 Dt. 18.1.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC -TN

The SEAC noted the following:

- The project proponent, Thiru. K. Sivaprakash has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.22.0Ha at S.F. No. 95(Part) Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 317474m3 of Rough stone. The Annual peak production as per mining plan is 83470 m3 of rough stone (2nd year) with ultimate depth 55m (15mAGL+40m BGL).
- 4. The PP has issued with ToR vide SEIAA-TN/F.No.8053/SEAC/TOR-888/2020 Dt.16.3.2021 with the restricted production of Rough stone as per mining plan 310974m3/- with ultimate depth of 50m (15m AGL + 35m BGL) and the same was accepted by the PP.

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

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.

MEMR ECRETARY SEAC -TN

CHAIRMAN SEAC- TN

- 3. The Proposed Green belt plantation shall be carried out within Qne year from the commencement of mining operation.
- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Govt. High School, located in Muthur Village, Kinathukadavu Taluk, Coimbatore District.

Govt. High School, Muthur Village, Kinathukadavu Taluk, Coimbatore District.

1. Construction/renovation of Girls toilet with 24/7 water facility.

2. RO Water facility.

3. Tree plantation (see appendix).

4. Providing Environmental related Books to the school library.

Agenda No: 264-14

(File No: 8149/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0 Ha at SF.NO. 328/2 (Block 17), Kalpadi North Village, Perambalur Taluk, Perambalur District, Tamil Nadu by M/s SS Mines and Minerals- For Environmental Clearance. (SIA/TN/MIN/189067/2020 Dt. 21.12.2020)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, M/s SS Mines and Minerals has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0 Ha at SF.NO. 328/2 (Block 17), Kalpadi North Village, Perambalur Taluk, Perambalur District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.

3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 264750m3 of Rough stone. The Annual peak production MEMBER SECRETARY 16 CHAIRMAN SEAC -TN SEAC -TN as per mining plan is 56000 m3 of rough stone (3rd year) with ultimate depth – 50m (20mAGL+30m BGL).

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

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Govt. High School, located in Kallapadi Village, Perambalur District.

Govt. High School, Kallapadi Village, Perambalur District.

1. Construction/renovation of Girls toilet with 24/7 water facility.

- 2. RO Water facility.
- 3. Tree plantation (see appendix).
- 4. Providing Environmental related Books to the school library.

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(File No: 8192/2021)

Proposed Rough stone quarry lease area over an extent of 1.20.0 Ha at SF.No. 229(Part-2), Pogalur Village, Pernampattu Taluk, Vellore District, Tamil Nadu by Thiru D Chandran- For Environmental Clearance. (SIA/TN/MIN/190329/2020 Dt.30.12.2020)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru D Chandran has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.20.0 Ha at SF.No. 229(Part-2), Pogalur Village, Pernampattu Taluk, Vellore District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 53483 m3 of Rough stone. The Annual peak production as per mining plan is 10707 m3 of rough stone (4th year) with ultimate depth 15m.

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

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

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

Agenda No: 264-16

(File No: 8335/2021)

Proposed Rough stone quarry lease area over an extent of 4.00.0 Ha at SF.No. 135 (Part 7), lyangunam Village, Kilpenathur Taluk, Tiruvannamalai District by Thiru.Adhimoolam-For Environmental Clearance. (SIA/TN/MIN/72121/2021 Dt. 9.2.2022)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru.Adhimoolam has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 4.00.0 Ha at SF.No. 135 (Part 7), lyangunam Village, Kilpenathur Taluk, Tiruvannamalai District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "BI" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 641300m3 of Rough stone. The Annual peak production as per mining plan is 128335 m3 of rough stone (1st year & 4th year) with ultimate depth 75m AGL.
- The PP was issued with ToR vide SEIAA-TN/F.No.8335/SEAC/TOR-963/2021 Dt.30.4.2021 with the restricted production of Rough stone as per mining plan 5,29,180m3/- with ultimate depth of 35m AGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the standard conditions as per the Annexure I of this minutes &normal conditions stipulated by MOEF &CC, in addition to the following specific MEMBER SECRETARY 19 CHAIRMAN SEAC -TN conditions:

- 1. The PP shall furnish the sworn affidavit with respect of controlled blasting to SEIAA.
- 2. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 3. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
- 4. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 5. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Govt. High School, located in lyangunam Village, Kinathukadavu Taluk, Tiruvannamalai District.

Govt. High School, Iyangunam Village, Kinathukadavu Taluk, Tiruvannamalai District.

- 1. construction/renovation of Girls toilet with 24/7 water facility.
- 2. RO Water facility.
- 3. Tree plantation (see appendix).
- 4. Providing Environmental related Books to the school library.

Agenda No: 264-17

(File No: 8664/2021)

Proposed Black Granite quarry lease area over an extent of 2.58.0Ha at S.F.No. 223/B(Part) Bit-1 Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by Thiru M.Dhanaraj- For Environmental Clearance. (SIA/TN/MIN/221120/2021 Dt.21.7.2021)

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The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru M.Dhanaraj has applied for Environmental Clearance for the Proposed Black Granite quarry lease area over an extent of 2.58.0Ha at S.F.No. 223/B(Part) Bit-1 Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamilnadu, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed ROM-21875 m3 and 2187.5 m3 of Black Granite. The Annual peak production as per mining plan is 437.5 m3 of Black Granite (1st to 5th year) with ultimate depth 23m BGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO indicating the distance of Mosakkal RF with respect to the project site.

Agenda No: 264-18

(File No: 8668/2021)

Proposed Rough stone quarry lease area over an extent of 1.40.0 Ha at S.F.Nos. 284/2A1 (P) & 284/2A2 (P) Iduvai Village, Tiruppur South Taluk, Tiruppur District, Tamil Nadu by Thiru. K.Balasubramaniam - For Terms of Reference (SIA/TN/MIN/65924/2021 Dt.23.7.2021)

The proposal was placed for appraisal in this 264^{th} meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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The SEAC noted the following:

- The project proponent, Thiru. K.Balasubramaniam has applied for Terms of Reference for the proposed Rough stone quarry lease area over an extent of 1.40.0 Ha at S.F.Nos. 284/2A1 (P) & 284/2A2 (P) Iduvai Village, Tiruppur South Taluk, Tiruppur District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 136545m3 of Rough stone. The Annual peak production as per mining plan is 34560 m3 of rough stone (1st year) with ultimate depth 46m BGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference with public hearing for the above notings, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

- 1. The Proponent shall carry out the cumulative & comprehensive impact study due to mining operations carried out in the quarry cluster specifically with reference to the environment in terms of air pollution, water pollution, health impacts and social impact accordingly the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
- 2. The certified existing EC compliance report shall be included in the EIA Report.
- 3. The entire Cluster of mine lease area shall be video graphed through Drone and submit the same along with EIA report.
- If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,

a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines? MEMBER SECRETARY 22 SEAC -TN SEAC - TN

- b) Quantity of minerals mined out.
- c) Highest production achieved in any one year
- d) Detail of approved depth of mining.
- e) Actual depth of the mining achieved earlier.
- f) Name of the person already mined in that leases area.
- g) If EC and CTO already obtained, the copy of the same shall be submitted.
- h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
- 5. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 6. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
- 7. The Project proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
- 8. The Project proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
- 9. The Project proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within

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1 km (radius) along with the collected water level data for both monsoon and nonmonsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.

- 10. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
- 11. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
- 12. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
- 13. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
- 14. The Public hearing details/EIA reports etc., shall be placed in Tamil language.
- The recommendation for the issue of "Terms of Reference" is subjected 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. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix-I in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

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- 17. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
- 18. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 19. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report.
- 20. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 21. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
- 22. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Reference besides attracting penal provisions in the Environment (Protection) Act. 1986.

(File No: 8681/2021)

Proposed Black Granite quarry lease area over an extent of 2.91.0Ha at S.F.No. 682/2(Part) Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by Tvl. Nehaol Enterprises - For Environmental Clearance. (SIA/TN/MIN/218658/2021 Dt. 3.7.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl. Nehaol Enterprises has applied for Environmental Clearance for the Proposed Black Granite quarry lease area over an extent of

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2.91.0Ha at S.F.No. 682/2(Part) Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. poromboke land.

- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
- 3. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed ROM-15750m3 and 1575m3 of Black Granite. The Annual peak production as per mining plan is 313 m3 of Black Granite (1st to 5th year) with ultimate depth 10m AGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO indicating the distance of Mosakkal RF with respect to the project site.

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(File No: 8682/2021)

Proposed Black Granite quarry lease area over an extent of 4.54.0 Ha at S.F.No. 281(Part) Gopinathampatty Village, Harur Taluk, Dharmapuri District, Tamil Nadu by Thiru. D.Mathiazhagan - For Environmental Clearance. (SIA/TN/MIN/221879/2021 Dt.27.7.2021)

The proposal was placed for appraisal in this 264th meeting of SEAC held on 19.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

- The project proponent, Thiru. D.Mathiazhagan has applied for Environmental Clearance for the Proposed Black Granite quarry lease area over an extent of 4.54.0 Ha at S.F.No. 281(Part) Gopinathampatty Village, Harur Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. poromboke land.
- 2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.

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3. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed ROM- 62490m3 and 3124 m3 of Black Granite. The Annual peak production as per mining plan is 625 m3 of Black Granite (1st to 4th year) with ultimate depth – 24m (14mAGL+10m BGL).

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

- The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
- 2. Since it is a Government poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
- 3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 4. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
- 5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
- Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.

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- 7. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
- 8. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
- 9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
- 10. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.

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- 11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
- 12. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the Appendix –I in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
- 13. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
- 14. Noise and Vibration Related: (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for

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control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the 1 / 11 Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

- 15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
- 16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
- 17. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.

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- 18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
- 19. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
- 20. 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.
- 21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted, as per
- 22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
- 23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are compiled by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
- 24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS). Chennai Region by the proponent without fail.

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- 25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
- 26. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
- 27.All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
- 28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.ANo.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. M.A.No.12/2017 & M.A.No.920/2016. M.A.No.1122/2016, 758/2016. O.A.No.405/2016 and O.A.No.520 of M.A.No.843/2017) and 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
- 29. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
- 30. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions lated down in all other laws for the time-being in force, rests with the project proponent.

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- 31. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
- 32. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project as per Appendix –II of these minutes.
- 33. As accepted by the Project proponent the revised CER cost is Rs. 12 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School at G. Mookkanurpatti Village and Gopinathampatty Village before obtaining CTO from TNPCB.

PU Primary Schools, G. Mookkanurpatti Village and Gopinathampatty Village

- 1 Avenue Plantation along the School Boundary @ 100 trees.
- 2 Installation of Hand Wash Unit & Water Storage Sump.
- 3 Painting in class rooms.
- 4 Re-construction of Existing Toilets for Boys & Girls Toilet.

5. Books to library, specifically on environmental awareness.

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ANNEXURE - 1

- The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
- 2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
- 3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
- 4. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
- 5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
- 6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.

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- 7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
- 8. The Project proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT. Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamil Nadu.
- 9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
- 10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
- 11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
- 12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
- 13. Noise and Vibration Related: (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of MEMBER SECRETARY
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other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the 1 / 11 Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

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

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transportation of the quarried rough stones; and transport of rough stones will be as per IRC-Guidelines with respect to complying with traffic congestion and density.

- 18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
- 19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
- 20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
- 21. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
- 22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are compiled by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
- 23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
- 24. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
- 25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying MEMBER SECRETARY
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operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.

- 26.All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
- 27. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –11 of these minutes.
- 28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.ANo.186 of 2016 O.A.No.580/2016 and O.A.No.200/2016 and (M.A.No.350/2016) O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. (M.A.No.1182/2016) and & M.A.No.12/2017 M.A.No.1122/2016. M.A.No.920/2016, 758/2016, O.A.No.520 of O.A.No.405/2016 and M.A.No.843/2017) and 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

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Appendix -l

List of Native Trees Suggested for Planting

1. Aeglemarmelos-Vilvam

- 2. Adenaantherapavonina-Manjadi
- 3. Albizialebbeck-Vaagai

4. Albiziaamara-Usil

5. Bauhinia purpurea - Mantharai

6. Bauhinia racemosa - Aathi

7. Bauhinia tomentosa-Iruvathi

8. Buchananiaaillaris-Kattuma

9. Borassusflabellifer- Panai

10. Buteamonosperma - Murukkamaram

11. Bobaxceiba- Ilavu, Sevvilavu

12. Calophylluminophyllum - Punnai

13. Cassia fistula-Sarakondrai

14. Cassia roxburghii- Sengondrai

15. Chloroxylonsweitenia - Purasamaram

16. Cochlospermumreligiosum-Kongu, Manjalllavu

17. Cordiadichotoma- Mookuchalimaram

18. Cretevaadansonii-Mavalingum

19. Dilleniaindica- Uva, Uzha

20. Dilleniapentagyna-SiruUva, Sitruzha

21. Diospyrosebenum- Karungali

22. Diospyroschloroxylon-Vaganai

23. Ficusamplissima- Kalltchi

24. Hibiscus tiliaceous-Aatrupoovarasu

25. Hardwickiabinata- Aacha

26. Holopteliaintegrifolia-Aayili

27. Lanneacoromandelica - Odhiam

28. Lagerstroemia speciosa - Poo Marudhu

29. Lepisanthustetraphylla- Neikottaimaram

30. *Limoniaacidissima* - Vila maram

31. Litseaglutinosa-Pisinpattai

32. Madhucalongifolia - Illuppai

33. Manilkarahexandra-UlakkaiPaalai

34. Mimusopselengi - Magizhamaram

35. Mitragynaparvifolia - Kadambu

36. Morindapubescens-Nuna

37. Morindacitrifolia- VellaiNuna

38. Phoenix sylvestre-Eachai

39. Pongamiapinnata-Pungam

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

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

......கரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்துழல் அனுமதி கீழ்கண்ட நிடந்தனைகளுக்கு உட்பட்டு வழங்கப்புட்டுள்ளது seraa/_____ தேதியிடப்பட்டு, சுற்றுச்துழல் அனுமதி _____தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகமை பகுதி வளர்ச்சி	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
மேம்பாட்டுக்கான கரங்கத் திட்டம்	சாங்கப்பாதையின் ஆழம் தனாமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு பராமரிக்கப்படவேண்டிய மரங்கள்	வாகணங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
केको केकाठ:	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பகமை பகுதியை ஏற்படுக்க வேண்டும்.
நடவடிக்கைகளை உள்ளப்பாக செ	ழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாரும் பாதுகாப்பு பல்படுத்தப்பட வேண்டும்.
சுரங்கத்தில் இருந்து ஏற்படும் இரை. மேற் கொள்ள வேண்டும்.	ச்சல் அளவு 85 டெசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை
<u>கலையில் மாயா கழிப்புக்கை</u> வசதுக்க	சுரங்கத்தில் உள்ள பணியாரகளுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்கவதோடு வா செய்து தர வேண்டும்.
கிளமம் அல்லது பஞ்சாபத்து வழியாக	வாகனங்கள் செல்லும் சாலையை தொடர்த்து நன்கு பராமரிக்க வேண்டும்.
கரங்கப்பணிகளால் அருகில் உள்ள	விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாகிக்கப்படக் கூடாகு.
நீற்றலைகள் பாதிக்கப்படாமல் இருப்ப	தை உறுதி செய்யும் வகையில் நிலக்கடி நீரின் காக்கிலை கொடற்கு கண்காணிக்க கேண்டும்.
கரங்கத்துலிருந்து கனிம் பொருட்சு பாதுகாப்போடும் மற்றும் சுற்றுகுழல	ளை எடுத்துச செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு ம் பாதிக்கவாத வண்ணம் வாகளங்களை இயக்க வேண்டும்.
கரங்கப்பணிகள் முடிக்கப்பட்டவுடன்	களங்க முடல் திட்டத்தில் உள்ளவாள காங்கத்தினை பட வேண்டும்
கரங்க நடவடிக்கைகளை முடித்து வேறு எந்தப் பகுதியையும் மறுகட்டி	ின்னர் கரங்கப் பகுதி மற்றும் கரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய நமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்க ஏற்ற வகையில்
பகமைப்பகுதியை உருவாக்க வேன்	
கூற்றில்கில் உயர்த் பியாலனிறை நெ	பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித ஸ்னையில் உள்ள கற்றுச்சுழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.

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