

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 309th Meeting of the State Expert Appraisal Committee (SEAC) held on 2nd September 2022 (Friday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects.

Agenda No: 309 – 01.

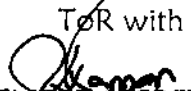
(File No. 6259 /2022)

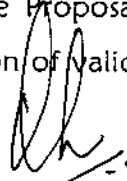
Proposed Limestone Quarry over an Extent of 3.45.5Ha located at S.F.No.183/1B(P), 183/2, Devannagoundanur Village, Sankari Taluk , Salem District, Tamil Nadu by Thiru. Mohan Kumar for Extension of validity for the Terms of References “Under Violation”.(SIA/TN/MIN/268848/2022 dated: 21.04.2022)

The proposal was placed in the 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru. Mohan Kumar has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 3.45.5Ha located at S.F.No.183/1B(P), 183/2, Devannagoundanur Village, Sankari Taluk , Salem District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide proposal No.SIA/TN/MIN/23067/2018 Dated: 03/04/2018.
4. The ToR for carrying out the EIA study under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6259/ToR-332/2018, dated: 11.05.2018.
5. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6259/ToR-332/A/2018, dated: 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/268848/2022 dated: 21.04.2022 for the extension of validity of ToR with all required documents.


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8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 10.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 02.

(File No.6504/2022)

Proposed limestone Quarry over an Extent of 3.86.0Ha in S.F.Nos.815/1 (P), 2 (P), 3 (P), 4 (P), 5 (P), 6 (P), 7 (P), 8, 9, 10 (P), 11 (P), 816/2F, 2E (P) & 817/2 (P) at Varavanai Village of Kadavur Taluk, Karur District, Tamil Nadu by Thiru. P. Murugesan for Extension of validity for the Terms of References "Under Violation".

(SIA/TN/MIN/269768/2022 dated: 26.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following


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1. The Project Proponent, Thiru. P. Murugesan has applied for Extension of validity for the Terms of References for the proposed limestone Quarry over an Extent of 3.86.0Ha in S.F.Nos.815/1 (P), 2 (P), 3 (P), 4 (P), 5 (P), 6 (P), 7 (P), 8, 9, 10 (P), 11 (P), 816/2F, 2E (P) & 817/2 (P) at Varavanai Village of Kadavur Taluk, Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide application dated:23.02.2017.
4. The ToR for carrying out the EIA study under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6504/ToR-311/2017, dated: 18.04.2018.
5. ToR Extension under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6504/ToR-311/A/, dated: 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/269768/2022 dated: 26.04.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.


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Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 17.04.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 03.

(File No.6525/2022)

Proposed Limestone Quarry over an Extent of 2.63.0Ha located at S.F.No.1100/9, 1101/8, 1101/9, 1101/10, 1102/5C, 1103/3A, 3B(P) & 1104, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Janatha Cem Industries Limited for Extension of validity for the Terms of References “Under Violation”.

(SIA/TN/MIN/269768/2022 dated: 26.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. Janatha Cem Industries Limited has applied for Extension of validity for the Terms of References for the proposed limestone quarry over an Extent of 2.63.0Ha located at S.F.No.1100/9, 1101/8, 1101/9, 1101/10, 1102/5C, 1103/3A, 3B(P) & 1104, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No.SIA/TN/MIN/23113/2018 dated:31.03.2018.
4. The ToR for carrying out the EIA study under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6504/ToR-311/2017, dated: 18.04.2018.


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5. ToR Extension under violation issued vide Lr. No.SEIAA-TN/F.No.6504/ToR-311/2017, dated:29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/269768/2022 dated: 26.04.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 04.

(File No.6532/2022)

Proposed Limestone Quarry over an Extent of 0.58.5Ha located at S.F.No.1101/1B, 1101/3A & 1101/6A, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu


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by M/s. Renuka Chemicals for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/267735/2022 dated: 13.04.2022)


The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. Renuka Chemicals has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 0.58.5Ha located at S.F.No.1101/1B, 1101/3A & 1101/6A, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No. SIA/TN/MIN/23120/2018 dated:02.04.2018.
4. The ToR for carrying out the EIA study under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6532/ToR-402/2018, dated: 16.05.2018.
5. ToR Extension under violation issued vide Lr. No.SEIAA-TN/F.No.6532/ToR-402/A/2018, dated: 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/267735/2022 dated: 13.04.2022, for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E). dated the 18 March, 2021, stating that “.....the period from the 1st April, 2020 to the 31st March, 2021 shall


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not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 05

(File No. 6330/2022)

Proposed Limestone Quarry over an Extent of 4.56.0Ha located at S.F.No. 380/1, 385/1, 386/1, 386/2 & 386/3 K.Pitchampatti Village, Karur Taluk , Karur District, Tamil Nadu by Thiru.E. Srinivasan for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/268512/2022 dated: 19.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru.E. Srinivasan has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 4.56.0Ha located at S.F.No. 380/1, 385/1, 386/1, 386/2 & 386/3 K.Pitchampatti Village, Karur Taluk , Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.


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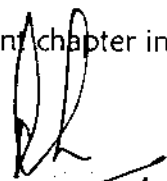
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No. SIA/TN/MIN/23077/2018 dated: 03.04.2018.
4. The ToR for carrying out EIA study under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6330/ToR-338/2018, dated: 11.05.2018.
5. Further, the ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6330/ToR-338/A/2018, dated: 30.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/268512/2022 dated: 19.04.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 10.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report.


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Agenda No: 309 – 06


(File No.6526/2022)


Proposed limestone Quarry over an Extent of 2.52.0Ha in S.F.Nos. 1101/7, 1101/11, 1102/5A1 & 1102/5A2 at Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Janatha Cem Industries Limited for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/267757/2022 dated: 13.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. Janatha Cem Industries Limited has applied for Extension of validity for the Terms of References for the proposed limestone Quarry over an Extent of 2.52.0Ha in S.F.Nos. 1101/7, 1101/11, 1102/5A1 & 1102/5A2 at Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No. SIA/TN/MIN/23118/2018 dated: 31.03.2018.
4. The ToR for carrying out EIA study under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6526/ToR-403/2018, dated: 16.05.2018.
5. Further, the ToR Extension under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6526/ToR-403/A/, dated: 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/267757/2022 dated: 13.04.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.


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The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 07.

(File No.6596/2022)

Proposed limestone Quarry over an Extent of 4.86.0Ha in S.F.Nos. 437/1 at Vickramasingapuram Village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu by Thiru.B.Sundaram for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/270797/2022 dated: 02.05.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru.B.Sundaram has applied for Extension of validity for the Terms of References for the proposed limestone Quarry over an Extent of 4.86.0Ha in S.F.Nos. 437/1 at Vickramasingapuram Village, Ambasamudram Taluk, Tirunelveli District, Tamil Nadu.


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2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Proposal No. SIA/TN/MIN/23255/2018 dated: 06.04.2018.
4. The ToR for carrying out EIA study under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6596/ToR-475/2018, dated: 07.06.2018.
5. ToR Extension under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6596/ToR-475/A/, dated: 30.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/270797/2022 dated: 02.05.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 06.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.


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Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier & (iv) NBWL Clearance, since the Kalakad Mundanthurai Tiger Reserve (KMTR) is located at a distance of 3.6Km from the project site.

Agenda No: 309 – 08

(File No. 6114 /2022)

Existing Limestone Mine lease over an Extent of 3.42.5Ha in S.F.No.219/1 at Olaijadi (West) Village of Kunnam Taluk, Perambalur District, Tamil Nadu State by M/s. Yesaarex for Extension of validity for the Terms of References "Under Violation".
(SIA/TN/MIN/268393/2022 dated 18.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in). The SEAC noted the following:

1. The project proponent, M/s. Yesaarex has applied seeking Extension of validity for Terms of Reference under Violation for the Existing Limestone Mine lease over an Extent of 3.42.5Ha in S.F.No.219/1 at Olaijadi (West) Village of Kunnam Taluk, Perambalur District, Tamil Nadu State.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide dated 03.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide Lr. No.SEIAA-TN/F.No.6114/ToR-329/2018/ dated 11.05.2018.
5. Further, Amendment to ToR Letter No. SEIAA-TN/F – 6114/SEAC-CXVIII/TOR- 329(A)/2018 Dt. 30.07.2018 and the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6259/ToR-332/A/2018, dated: 29.10.2021.


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6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. **SIA/TN/MIN/268393/2022 dated 18.04.2022** for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 10.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 09
(File No. 6121 /2022)

Existing Lime Stone Mine Lease over an extent of 2.51.5Ha at S.F.No. 809/2, 3, 4 & 5(P) of Thennilal Village, Kadavoor Taluk, Karur District, Tamil Nadu by M/s. Ragavendra Minerals & Chemicals for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/268233/2022 dated: 16.04.2022)


MEMBER SECRETARY
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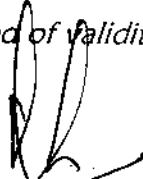
The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Ragavendra Minerals & Chemicals for the Existing Lime Stone Mine Lease over an extent of 2.51.5Ha at S.F.No. 809/2, 3, 4 & 5(P) of Thennilai Village, Kadavoor Taluk, Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide dated. 24.03.2018.
4. The ToR for carrying out the EIA study under violation was issued vide Lr.No. SEIAA-TN/F.No.6121/TOR- 323/2018 Dated: 10.05.2018.
5. Further, Amendment to ToR Lr.No. SEIAA-TN/F.No.6121/SEAC-CXVIII/TOR- 323(A)/2018 Dated: 30.07.2018 and the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6121/TOR- 323/2018/A/ dated: 30.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. **SIA/TN/MIN/268233/2022 dated: 16.04.2022** for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of*


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Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 09.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 10

(File No. 6527 /2022)

Existing Limestone Mine lease over an extent of 2.18.9Ha at S.F. No. 102/4, 1102/5B, 1102/6, 1102/7 & 1103/3B (P) of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Janatha Cem Industries Limited for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/267753/2022 dated: 13.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Janatha Cem Industries Limited for the Existing Limestone Mine lease over an extent of 2.18.9Ha at S.F. No. 102/4, 1102/5B, 1102/6, 1102/7 & 1103/3B (P) of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide dated 31.03.2018.


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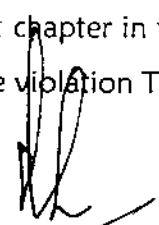
4. The ToR for carrying out the EIA study under violation was issued vide Lr.No.SEIAA-TN/F.No.6527/TOR- 491/2018, dated: 16.05.2018.
5. Further, Amendment to ToR Lr.No. SEIAA-TN vide 6527/SEAC-CXVIII/TOR-491(A)/2018 Dated: 30.07.2018 and the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6527/ToR-491/2018/A/ dated: 30.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. **SIA/TN/MIN/267753/2022 dated: 13.04.2022** for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that “.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.


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Agenda No: 309 – 11.

(File No. 5702 /2022)

Proposed Multi coloured Granite over an Extent of 0.20.0 Ha located at S.F.No. 240 (part) of Thogamalai Village, Kulithalai Taluk, Karur District, Tamil Nadu by Thiru. E. Rengar for Extension of validity for the Terms of References “Under Violation”.
(SIA/TN/MIN/269586/2022 dated: 26.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru. E. Rengar has applied for Extension of validity for the Terms of References for the Proposed Multi coloured Granite over an Extent of 0.20.0 Ha located at S.F.No. 240 (part) of Thogamalai Village, Kulithalai Taluk, Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA. Lr No.SEIAA-TN/T.No.5702/TOR-571/2018 Dated: 07.08.2018.
4. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.5702/1(a)/TOR- 571/A/ dated:29.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.
7. The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that “.....the period from the 1st April, 2020 to the 31st


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March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 06.08.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 12

(File No. 6332/2022)

Proposed Limestone Quarry over an Extent of 3.31.0 Ha located at S.F.No. 12/11, 13/9, 124/1, 2A, 2B, 2C, 2D, 3B, 3C, 4A, 4B, 4C, 4D, 5A, 5B, 5C of Alanthuraikattalai Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu by Thiru. A. Mohamed Feroz for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/269743/2022 dated: 26.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru. A. Mohamed Feroz has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 3.31.0 Ha located at S.F.No. 12/11, 13/9, 124/1, 2A, 2B, 2C, 2D, 3B, 3C, 4A, 4B, 4C, 4D, 5A, 5B, 5C of Alanthuraikattalai Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category “B” + “Under


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Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.

3. ToR under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6332/ToR-393/2018, dated: 22.05.2018.
4. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6332/M-CIII/TOR- 393/2018/A/ dated:29.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control. however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.*”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 21.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 13

(File No. 6598/2022)

Proposed Rough Stone Quarry over an Extent of 2.08.0 Ha located at S.F.No. 1 Part(Bit-2) of Thalagai Village, Thuraiyur Taluk, Tiruchirappalli District, Tamil Nadu by Tmt. S. Vennila for Extension of validity for the Terms of References “Under Violation”.(SIA/TN/MIN/270829/2022 dated: 02.05.2022)


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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Tmt. S. Vennila has applied for Extension of validity for the Terms of References for the proposed Rough Stone Quarry over an Extent of 2.08.0 Ha located at S.F.No. 1 Part(Bit-2) of Thalagai Village, Thuraiyur Taluk, Tiruchirappalli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6598/ToR-456/2018, dated: 04.06.2018.
4. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6598/TOR- 456/A/ dated:29.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid."*

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 03.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community


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resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier (iv) PP shall furnish a letter stating that the Proximity distance of RF, WLS with respect to the project site from the DFO and (v) extension of lease validity.

Agenda No: 309 – 14.


(File No. 6333 /2022)

Proposed Limestone Quarry over an Extent of 4.59 Ha located at S.F.No. 135/2, 3, 136/4, 7, 8, 147/1, 2F, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 4A, 4B, 4C, 4D, 5, 6, 7, 148/1, & 2 of Perali South Village, Kunnam Taluk, Perambalur District, Tamil Nadu by M/s. Parveen Mines & Minerals for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/269275/2022 dated: 23.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s.Parveen Mines & Minerals has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 4.59Ha located at S.F.No. 135/2, 3, 136/4, 7, 8, 147/1, 2F, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 4A, 4B, 4C, 4D, 5, 6, 7, 148/1, & 2 of Perali South Village, Kunnam Taluk, Perambalur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6333/ToR-396/2018, dated: 16.05.2018.
4. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6333/1(a)/TOR- 396/2018/A/ dated:30.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona*


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Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control. however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 15
(File No.6123/2022)

Existing Magnesite & Dunite Mine Lease over an extent of 3.63.5 Ha at S.F.No.527/B2 of Pungandhurai Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Tmt. P. Baladevie for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/269275/2022 dated: 23.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Tmt.P.Baladevie has applied for Extension of validity for the Terms of References for the proposed Magnesite & Dunite Quarry over an Extent of 3.63.5Ha in S.F.Nos. 527/B2 of Pungandhurai Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6123/ToR-365/2018, dated: 17.05.2018.
4. ToR Extension under violation issued vide SEIAA Lr. No.SEIAA-

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TN/F.No.6123/ToR-365/A/, dated: 29.10.2021.

5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.*”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 16.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 16.

(File No.6186/2022)

Proposed Black Granite Quarry over an Extent of 1.02.5 Ha located at S.F.No. 156/2, 157/1, 2, 3 & 4 at Siruvalai Village of Vikravandi Taluk, Villupuram District, Tamil Nadu by Thiru.A.Abdul Salam for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/269285/2022 dated: 23.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru.A.Abdul Salam has applied for Extension of validity for the Terms of References for the proposed limestone quarry over an Extent of 1.02.5 Ha located at S.F.No. 156/2, 157/1, 2, 3 & 4 at Siruvalai Village


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of Vikravandi Taluk, Villupuram District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6186/ToR-479/2018, dated: 08.06.2018.
4. ToR Extension under violation issued vide Lr. No.SEIAA-TN/F.No.6186/ToR-479/2018, dated:29.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid."*

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 07.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier..

Agenda No: 309 – 17.

(File No.6732/2022)

Existing Veerachipalayam Limestone Mine - GO-7947 with an extent of 7.92 Ha, production capacity of 0.31 Lakh TPA by M/s. The India Cements Limited at S.F. No. 2/2, 2/3, 3/2A, 4/1, 4/2A, 14/1A, 15 (part) in Veerachipalayam Village & 235/6B in Alathur Village, Sankari Taluk, Salem District, Tamil Nadu for Extension of validity for


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the Terms of References "Under Violation". (SIA/TN/MIN/272789/2022 dated: 15.05.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. The India Cements Ltd has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 7.92 Ha located at S.F.No. 2/2, 2/3, 3/2A, 4/1, 4/2A, 14/1A, 15 (part) in Veerachipalayam Village & 235/6B in Alathur Village, Sankari Taluk, Salem District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA Lr. No.SEIAA-TN/F.No.6732/ToR-631/2019, dated: 12.07.2019.
4. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
5. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid."*

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 11.07.2024 as per the aforesaid MoEF Notification dated 18.01.2021.


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Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 18.

(File No. 6502 /2017)

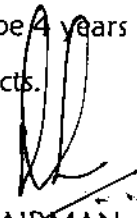
Proposed Limestone Mine lease over an Extent of 3.94.0Ha in S.F.Nos.635/2A (P), 2B (P), 636/3 (P), 816/2A (P), 2B (P), 2C (P), 2D (P), 2E (P) & 817/1 (P) at Varavanai Village of Kadavur Taluk, Karur District, Tamil Nadu by Thiru. C.Senthil Kumar for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/270839/2022 dated: 02.05.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru.C.Senthil Kumar as applied for Extension of validity for the Terms of References for the proposed Limestone Mine lease over an Extent of 3.94.0Ha in S.F.Nos.635/2A (P), 2B (P), 636/3 (P), 816/2A (P), 2B (P), 2C (P), 2D (P), 2E (P) & 817/1 (P) at Varavanai Village of Kadavur Taluk, Karur District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Application, dated.23.02.2017.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6502/CV/TOR-310/2017 Dated: 18.04.2018.
6. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6502/1(a)/ToR-310/2018/A/dated:30.10.2021.
7. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.


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8. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 270839/2022 dated: 02.05.2022 for the extension of validity of ToR with all required documents.
9. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that “.....*the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....*”.

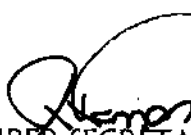
Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 17.04.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 19.

(File No. 6523 /2018)

Proposed Limestone mine lease over an Extent of 1.11.0Ha in S. F.No. 1101/2B, 1101/3B, 1101/4, 1101/5 & 1101/6B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Janatha Cem Industries Limited (Formerly Tvl. Limenaph Chemicals) for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/267741/2022 dated: 13.04.2022)


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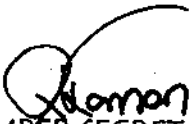

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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Janatha Cem Industries Limited (Formerly Tvl. Limenaph Chemicals) as applied for Extension of validity for the Terms of References for the proposed Limestone mine lease over an Extent of 1.11.0Ha in S. F.No. 1101/2B, 1101/3B, 1101/4, 1101/5 & 1101/6B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Online Proposal No. SIA/TN/MIN/23107/2018, Dt. 31.03.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6523/TOR-394/2018 Dated: 16.05.2018.
5. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6523/TOR-394/A/dated:29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/267741/2022 dated: 13.04.2022 for the extension of validity of ToR with all required documents.
8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that "*.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial)*"


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declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....".

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 20.

(File No. 6733 /2019)

Proposed Limestone mine lease over an Extent of 50.84 Ha in S.F. No. 15/1, 16/2, 18, 19/3, 19/4, 19/5B, 20/2B, 21, 22/1, 23/2, 23/3A, 24/2, 24/3, 24/4, 25/2, 25/3, 25/4, 32, 33/1A, 34/1, 34/5, 37/1, 37/3, 37/4, 50/8, 50/9, 50/10, 51/2B, 51/3, 52/6B, 52/7B, 54/3B, 55/4, 62/4, 62/5, 64/4A, 67/1A, 68/1, 1654/1, 154/2 in Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s. The India Cements Limited for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/272958/2022 dated: 15.05.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. The India Cements Limited as applied for Extension of validity for the Terms of References for the proposed Limestone mine lease over an Extent of 50.84 Ha in S.F. No. 15/1, 16/2, 18, 19/3, 19/4, 19/5B, 20/2B, 21, 22/1, 23/2, 23/3A, 24/2, 24/3, 24/4, 25/2, 25/3, 25/4, 32, 33/1A, 34/1, 34/5, 37/1, 37/3, 37/4, 50/8, 50/9, 50/10, 51/2B, 51/3, 52/6B, 52/7B, 54/3B, 55/4, 62/4, 62/5, 64/4A, 67/1A, 68/1, 1654/1, 154/2 in Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.


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3. The PP had applied for ToR to carry out the EIA study under violation vide Online Application No.SIA/TN/MIN/30390/2018, dated. 19.12.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6733/SEAC/TOR-632/2019 Dated: 12.07.2019.
5. As per MoEF&CC O.M Dt: 29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 272958/2022 dated: 15.05.2022 for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 11.07.2024 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 21.

(File No. 6600 /2018)

Proposed Limestone mine lease over an Extent of 4.70.0 Ha in S.F. No. 1010/P at Thenkulam Village of Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Tmt.M.


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Ammaniammal for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/ 268510/2022 dated: 19.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Tmt.M. Ammaniammal has applied for Extension of validity for the Terms of References for the proposed Limestone mine lease over an Extent of 4.70.0 Ha in S.F. No. 1010/P at Thenkulam Village of Tirunelveli Taluk, Tirunelveli District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Online Application No.SIA/TN/MIN/23180/2018, dated. 05.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6600/TOR-493/2018 Dated: 04.06.2018.
5. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6600/TOR-493/2018/A/ Dated: 30.10.2021.
7. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
8. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 268510/2022 dated: 19.04.2022 for the extension of validity of ToR with all required documents.
9. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of*


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outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 03.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 22.

(File No. 6565 /2018)

Proposed Limestone mine lease over an Extent of 1.21.5 Ha in S.F. No. 108 (P) at Marandai Village of Tenkasi Taluk, Tirunelveli District, Tamil Nadu by Thiru. K. Murugesapandian for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/ 268725/2022 dated: 20.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru. K. Murugesapandian as applied for Extension of validity for the Terms of References for the proposed Limestone mine lease over an Extent of 1.21.5 Ha in S.F. No. 108 (P) at Marandai Village of Tenkasi Taluk, Tirunelveli District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Online_Application No.SIA/TN/MIN/23371/2018, dated. 06.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6565/TOR-448/2018 Dated: 01.06.2018.


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5. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No. SEIAA-TN/F.No. .6565/TOR-448/2018/A/ Dated: 30.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 268725/2022 dated: 20.04.2022 for the extension of validity of ToR with all required documents.
10. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 31.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 23.

(File No. 6558 /2018)

Proposed Grey Granite quarry lease over an Extent of 1.42.0 Ha in S.F. No. 133/3D1A & 133/4A at Kondappanayanapalli Village of Krishnagiri Taluk, Krishnagiri District,



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Tamil Nadu by Thiru. S.Balaji for Extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/ 269270/2022 dated: 23.04.2022)

1. The The Project Proponent, Thiru. S.Balaji as applied for Extension of validity for the Terms of References for the proposed Grey Granite quarry lease over an Extent of 1.42.0 Ha in S.F. No. 133/3D1A & 133/4A at Kondappanayanapalli Village of Krishnagiri Taluk, Krishnagiri District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Online Application No.SIA/TN/MIN/23843/2018, dated. 08.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6558/TOR-505/2018 Dated: 27.06.2018.
5. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No 6558/SEAC- CXVIII/TOR- 505/2018 dated : 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 269270/2022 dated: 23.04.2022 for the extension of validity of ToR with all required documents.
11. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.


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Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 26.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 24.

(File No. 6215/2018)

Proposed Magnesite & Dunite Mine lease over an Extent of 2.54.5 Ha in S.F. No 69/1 & 69/3 at Kodanthur (North) Village of Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. Niranjana Minerals for Extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/ 268482/2022 dated: 19.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Niranjana Minerals has applied for Extension of validity for the Terms of References for the proposed Magnesite & Dunite Mine lease over an Extent of 2.54.5 Ha in S.F. No. 69/1 & 69/3 at Kodanthur (North) Village of Aravakurichi Taluk, Karur District, Tamil Nadu .
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide Online Application dated, 06.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6215/TOR-449/2018 Dated: 01.06.2018.
5. Further, the ToR Extension under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No. 6215/TOR-326/2018/A/ Dated: 29.10.2021.
6. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.


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7. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/ 268482/2022 dated: 19.04.2022 for the extension of validity of ToR with all required documents.

8. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 31.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 25

(File No. 6244 /2022)

Existing Limestone Quarry over an extent of 2.14.5 Ha located at S.F.No.838, Alambadi Village, Veda sandur Taluk , Dindigul District, Tamil Nadu by M/s. Eswar Minerals and Chemicals for extension of validity for the Terms of References "Under Violation". (SIA/TN/MIN/269264/2022 dated: 23.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The Project Proponent, M/s. Eswar Minerals and Chemicals as applied for an extension of validity for the Terms of References for the existing Limestone Quarry over an Extent of 2.14.5 Ha located at S.F.No.838, Alambadi Village, Veda sandur Taluk , Dindigul District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide SIA/TN/MIN/23100/2018, dated. 09.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6244/ToR-441/2018, dated: 30.05.2018 for a period of 3 years.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/269264/2022 dated 23.04.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*


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Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 29.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 26.


(File No. 6328 /2022)

Existing Limestone Quarry over an extent of 1.90.5 Ha located at S.F.No.140/1A2,1B,2B & 141/2B, Mallapuram Village, Veda sandur Taluk , Dindigul District, Tamil Nadu by M/s. Global Mines and Mineral Traders for extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/268489/2022 dated: 19.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Global Mines and Mineral Traders as applied for an extension of validity for the Terms of References for the existing Limestone Quarry over an extent of 1.90.5 Ha located at S.F.No.140/1A2,1B,2B & 141/2B, Mallapuram Village, Veda sandur Taluk , Dindigul District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide SIA/TN/MIN/23058/2018, dated. 03.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6328/ToR-445/2018, dated: 01.06.2018 for a period of 3 years.


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5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/268489/2022 dated 19.04.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that “.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 31.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.


Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 27.

(File No. 6524/2022)

Existing Limestone Quarry over an extent of 1.92.6 Ha located at S.F.No.1101/6A,7,8 & 1102/1,2B, Thenmalai Village, Sivagiri Taluk , Tirunelveli District, Tamil Nadu by M/s. Janathacem industries Limited for extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/267743/2022 dated: 13.04.2022)


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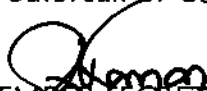

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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Janathacem industries Limited as applied for an extension of validity for the Terms of References for the existing Limestone Quarry over an extent of 1.92.6 Ha located at S.F.No.1101/6A,7,8 & 1102/1,2B, Thenmalai Village, Sivagiri Taluk , Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide SIA/TN/MIN/23118/2018, dated. 31.03.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6524/ToR-378/2018, dated: 16.05.2018 for a period of 3 years.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/267743/2022 dated 13.04.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial)*


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declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 15.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 28.

(File No. 6566/2022)

Existing multi-colored Granite quarry over an extent of 0.71.0 Ha located at S.F.No.317/6 & 317/8, Balapathirampuram Village, V.K.Pudur Taluk , Tirunelveli District, Tamil Nadu by Thiru.S.Kumarasamy for extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/269723/2022 dated: 26.04.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru.S.Kumarasamy has applied for an extension of validity for the Terms of References for the existing multi-colored Granite quarry over an extent of 0.71.0 Ha located at S.F.No.317/6 & 317/8, Balapathirampuram Village, V.K.Pudur Taluk , Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide SIA/TN/MIN/23361/2018, dated. 06.04.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6566/ToR-459/2018, dated: 04.06.2018 for a period of 3 years.


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5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/269723/2022 dated 26.04.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that “.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.


Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 03.06.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier and (iv) extension of lease validity.

Agenda No: 309-29

(File No: 8946/2022)

Proposed Rough stone & Gravel quarry lease area over an extent of 4.65 Ha SF.No.261 (P) & 255/1 (P), irukkandurai part (II) Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by M/s. Hi-Tech Rock Products & Aggregates Limited - For Environmental Clearance. (SIA/TN/MIN/71703/2022 dated.24.08.2022)


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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Hi-Tech Rock Products & Aggregates Limited has applied for Environmental Clearance along with EIA Report for the Proposed Rough stone & Gravel quarry lease area over an extent of 4.65 Ha SF.No.261 (P) & 255/1 (P), Irukkandurai part (II) Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. Earlier, the Project Proponent has obtained Terms of Reference from SEIAA vide Lr.No.SEIAA-TN/F.No.8946/ToR-1120/2022 dated 23.03.2022.
4. Public hearing meeting conducted on 28.07.2022.

Sl. No	Details of the proposal	
1	Name of the Owner/Firm	: Tvl.Hi-Tech Rock Products & Aggregates Limited Mount Poonamalle Road Manapakkam P.B.No.979 Chennai-600089
2	Type of quarrying	: Rough stone & gravel
3	S.F No. Of the quarry site with area break-up	: 261 (P) & 255/1 (P)
4	Village in which situated	: Irukkandurai Part-II
5	Taluk in which situated	: Radhapuram
6	District in which situated	: Tirunelveli
7	Extent of quarry (in ha.)	: 4.65.0 Ha
8	Latitude & Longitude of all corners of the quarry site	: 08°11'28"N to 08°11'37"N 77°40'08"E to 77°40'16"E
9	Topo Sheet No.	: 58 – H/12


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10	Type of mining		Opencast Semi - Mechanized of Mining
11	Period of quarrying proposed	:	5 years
12	Production (Quantity in m3)	:	8,23,125 m3 of Rough stone, 61,122 m3 of weathered rock & 63,954 m3 of gravel . The Annual Peak production 300700 m3 of Rough Stone (1 st year) , 61122 m3 of weathered Rock (1 st year) & 63954 m3 of Gravel
13	Depth of quarrying	:	49m below ground level
14	Depth of water table	:	66m BGL
15	Location of Habitations nearby		1000 m
16	Location of Structures nearby		Within 100 m (Wind mill)
17	Precise area communication approved by the District Collector, G&M with date	:	Rc.No.M2/27441/2019, Dated: 21.08.2020
18	Mining Plan approved by Assistant Director, Department of Geology and Mining with date	:	Rc.No.M2/27441/2019 Dated: 21.01.2022.
19	Assistant Director, mines 500m cluster letter		Rc.No.M2/27441/2019 Dated: 24.01.2022.
20	Project Cost (excluding EMP cost)	:	93.60 Lakh
21	EMP cost	:	Capital Cost – Rs. 52.90 Lakhs Recurring Cost – Rs. 23.25 Lakhs
22	CER cost		10 lakhs as per SEAC Minutes
23	ToR Issued		Letter No. SEIAA-TN/F.No.8946/TOR-1120/2022, dated: 23.03.2022
24	Public Hearing was conducted on		28.07.2022
25	EIA Report submitted on		24.08.2022


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The PP has obtained No objection from the project Director (KKNPP – 3 & 4), Nuclear Power Corporation of India Limited vide letter dated 21.12.2020.

Based on the presentation and document furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** with depth restricted up to 49m by considering the hydrogeological regime of the surrounding area & production quantity of 8,23,125 cu.m of rough stone, 61,122 Cu.m of Weathered Rock & 63,954 cu.m of gravel. The Annual Peak production 300700 m³ of Rough Stone (1st year) , 61122 m³ of weathered Rock (1st year) & 63954 m³ of Gravel, subject to the standard conditions as per the Annexure 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. The mine manager and other statutory competent persons such as blaster/mine mate shall be appointed before the commencement of mining operation as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
3. The PP shall initially carry out the shallow depth Jack hammer drilled holes (of 32-34 mm dia & 1.5 m depth) & NONEL initiation based controlled blasting operation involving muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled within the permissible limits as stipulated by the DGMS as well as no fly rock travel beyond 20 m from the blast site.
4. Within one year after the commencement of mining operations, the PP shall carry out the scientific studies on controlled blasting after having taken prior permission from the DMS, Chennai Region for reducing the impact of blast-induced ground/air vibrations and fly rock, by involving reputed academic/research institution such as NIRM, Anna University-CEG Campus, IIT(ISM) / Dhanbad, NITK Surathkal – Dept of Mining Engg, and other CSIR labs such that the blasts are designed to be conducted by achieving the PPV triggered value at a distance of 1 km from the quarry, is not exceeding 2 mm/s and the copy of the above study


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report shall be submitted to the SEIAA, the concerned AD (Geology & Mines), the concerned DEE/TNPCB, MoEF-IRO, Chennai and the DMS, Chennai.

ii.

4. **The PP shall consider the seismic nature of the area into account while designing the aforesaid controlled blasting operations during the blast-induced ground vibration studies.** Hence, the PP shall carry out the monitoring of blast-induced ground vibration at the sensitive structures located within the vicinity of 1 km including the Koodangulam Atomic Research Centre with involving the reputed academic/research institution such as NIRM, Anna University-CEG Campus, IIT(ISM) / Dhanbad, NITK Surathkal – Dept of Mining Engg, and other CSIR labs for all the blasts to be carried out during the life of the mine and a report of the same shall be sent once in every six months to the SEIAA, the IRO/MoEF Chennai and the DMS /Chennai without fail for the periodic review.
5. The PP shall prepare a slope stability action plan approved by the concerned AD (Mines) for the planned working by maintaining appropriate benches incorporating the haul road with proper gradient as the depth of the proposed quarry is exceeding 30 m and to be furnished to the DEE/TNPCB, before obtaining CTO.
6. As a part of EMP, the PP shall carry out the scientific studies to assess the slope stability of the working benches / quarry wall during 4th year of quarrying operations (or) the depth of quarry exceeds 40 m whichever is earlier, by involving a reputed Research and Academic Institution such as NIRM, IITs, NITK- Dept of Mining Engg, Surathkal, Anna University Chennai-CEG Campus, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, the concerned AD (Geology & Mines), the concerned DEE/TNPCB, MoEF-IRO, Chennai and the DMS, Chennai.
7. Mitigating measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing a dedicated water sprinkler.
8. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and green belt development shall be undertaken as suggested in EMP.

9. The PP shall construct & provide a world-class and quality haul road used for the movement of the trucks from the proposed quarry to the Atomic Plant

construction site passing through the village as per the IRC guidelines with modern facilities such as side walk, solar-powered street lights, longitudinal drains, bus bays, pedestrian crossings, adequate number of under passes and culverts to act as cross drainage structures, etc.

10. For providing safety to the crossing people/animals and avoid road accidents, adequate speed breakers/rumbled strips shall be constructed at the identified locations along with hoardings & signages for the public & vehicles convenience.
11. The responses/commitments made during the public hearing shall be complied with letter and spirit.
12. The PP shall include the Mine closure activities as an integral part to the whole life-of-mine plan and, also to protect the environment and public health & safety by using safe & responsible closure practices. The PP shall carry out the Progressive closure activities from the commencement of mining operation as provided in their EMP and it shall sent to the SEIAA, the DEE/TNPCB, and the concerned AD (Mines) annually.
13. 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 to the EMP as committed.
14. As accepted by the Project Proponent the CER cost of Rs. 10 lakhs shall be spent on the committed activities for the following Government schools:
- For Government Primary School, ponnarkulam – Rs. 5 lakhs
 - For S.A.Government Primary School, Sangneri – Rs. 5 lakhs
- before obtaining CTO from TNPCB.

Agenda No: 309 – 30

(File No. 6122 /2022)

Proposed Limestone Quarry over an Extent of 3.15.0 Ha located at S.F.No. 806/5 & 6, 807/3 of Thennilai South Village, Kadavoor Taluk, Karur District, Tamil Nadu by Thiru.E. Dhanapal for Extension of validity for the Terms of References "Under Violation".(SIA/TN/MIN/268226/2022 dated: 16.04.2022)


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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Thiru.E. Dhanapal has applied for Extension of validity for the Terms of References for the proposed Limestone Quarry over an Extent of 3.15.0 Ha located at S.F.No. 806/5 & 6, 807/3 of Thennilai South Village, Kadavoor Taluk, Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6122/ToR-319/2018, dated: 10.05.2018.
4. ToR Extension under violation issued vide SEIAA. Lr. No.SEIAA-TN/F.No.6122/1(a)/TOR- 319/2018/A/ dated:30.10.2021.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid."

Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 09.05.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Hence, the project proponent is requested to submit public hearing minutes, EIA/EMP report along with details of i) aspects of violation, Ecological Damage assessment,


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Remediation Plan, Natural Resource Augmentation Plan, Community Resource Augmentation plan.

Agenda No: 309 – 31

(File No. 6856 /2022)

Existing Chinnagoundanur Lime Stone quarry over an Extent of 8.00.5Ha in SF.No.48,63 & 66 of Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu by M/s.The India Cements Limited for Amendment to the Terms of References already Issued "Under Violation". (SIA/TN/MIN/221131/2021 dated 22.07.2021)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available on the PARIVESH webportal (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s.The India Cements Limited has applied seeking Amendment to the Terms of References already Issued under Violation Category for the Existing Chinnagoundanur Lime Stone quarry over an Extent of 8.00.5Ha in SF.No.48,63 & 66 of Chinnagoundanur Village, Sankari Taluk, Salem District, Tamil Nadu State.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The ToR for carrying out the EIA study under violation was issued vide Lr No.SEIAA-TN/F.No.6856/SEAC/TOR-847/2019 Dated:17.02.2021.

Now, the proponent was applied seeking amendment to the Terms of Reference already Issued vide Online Proposal No.SIA/TN/MIN/221131/2021 dated 22.07.2021, stating as follows:

(1) Page number 2 of 24 of the Tor, point no.1:

"Restricting the depth of mining to ultimate depth of 27.0m and quantity of 9,91,715m³ of Rough stone, 60,708m³ of weathered formation and 80,944m³ of gravel for a period of five years leaving the last bench height of 5m as per the approved mining plan considering the hydro geological regime of the surrounding area." to be replaced with


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"This project involves the peak production capacity of 0.61 lakh tones of limestone with the expected life of the mine being about 14 years and the ultimate pit limit being 40m depth"

(2) Page number 2 of 24 6th line

Chinnagoundar lime stone quarry to be changed as Mothaiyanur limestone mine (south) (G.O.No.76)

(3) Page number 4 of 24 of the Tor, Point no.7(a):

"Restricting the depth of mining to ultimate depth of 27.0m and quantity of 9,91,715m³ of rough stone, 60,708m³ of weathered formation and 80,944m³ of gravel for a period of five years leaving the last bench height of 5m as per the approved mining plan considering the hydro geological regime of the surrounding area."

To be replaced with

This project involves the peak production capacity of 0.61 lakh tones of limestone with the expected life of the mine being about 14 years and the ultimate pit limit being 40m depth.

(4) Page number 4 of 24 Point No.8- Point No.8 to be deleted

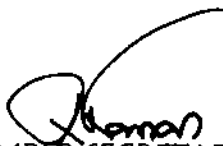
Besides, the name of the project in the subject of the ToR has been mentioned as 'Chinnagoundanur limestone quarry' however the ToR application was made with the project name 'Mothaiynur Limestone Mine (South) (G.O.No.76) Hence, Chinnagoundar lime stone quarry to be changed as Mothaiyanur limestone mine (south) accordingly.

Based on the presentation & documents furnished by the project proponent, SEAC decided to recommend for grant of amendments to Terms of Reference issued dated: 17.02.2021 as sought by the PP, subject to the condition that the other conditions mentioned in the ToR vide Lr No.SEIAA-TN/F.No.6856/SEAC/TOR-847/2019 Dated:17.02.2021 remain unaltered.

Agenda No: 309 – 32.

(File No. 6409/2022)

Proposed Limestone quarry over an Extent of 0.28.5 Ha located at S.F.No. 256 of Kallakudi Village, Lalgudi Taluk, Trichy District, Tamil Nadu by M/s. Dalmia Cement (Bharat) Limited for Environmental Clearance. (SIA/TN/MIN/76806/2018 dated: 16.05.2022)


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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. Dalmia Cement (Bharat) Limited has applied for Environmental Clearance for the Limestone quarry over an Extent of 0.28.5 Ha located at S.F.No. 256 of Kallakudi Village, Lalgudi Taluk, Trichy District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B" – "Under Violation" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR under violation issued vide SEIAA. Lr No. SEIAA-TN/F.No.6409/TOR-495/2018 Dated: 13.06.2018.
4. As per MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, *the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.*
5. Public Hearing conducted date: 05.05.2022.
6. EIA Report submitted on 02.06.2022

Based on the presentation made by the proponent, SEAC decided to call for additional details

1. Within 1 km Radius, details regarding the type of Agricultural activities taking place near the proposed mine lease area and further details regarding the source of irrigation for the above said activities and number of activities dependent on Ground Water for irrigation purpose. The photograph of the activities taking place around the proposed mine lease area shall be submitted.
2. Since the proposed mining is expected to intersect the Ground Water Table, the PP shall submit a detailed Hydrology report indicating Number of open wells and tube wells along with the depth of the well, the time duration of pumping, time duration to recharge and the treatment facility provided to treat the water,


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effects of mining on GWT and details regarding the storage or utilisation of the pumped-out water shall be submitted.

3. Data regarding the flow rate of water supply from the proposed mine lease area to the Natham village Tank shall be submitted.
4. The PP shall install the Environmental Management Cell headed by the statutory Mines Manager of the concerned quarry under violation category and the cell shall include a dedicated full-time Environmental Engineer exclusively to look into the effective implementation of Environmental Management Plan besides the reviewing the compliance reports with the regulatory authorities.

Further the Sub Committee shall inspect the site to assess the Environmental Damage Conditions and to check the Remedial Plan & Community Augmentation Plan (to restore the environmental damage caused including its social aspects) submitted by the PP.

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

Agenda No: 309-33


(File No: 9324/2022)

Proposed Rough stone & Gravel quarry lease area over an extent of 3.18.5 Ha SF.No.156/5,157/1,157/2,157/3 &157/4, Perumbakkam Village, Vanur Taluk, Villupuram District, Tamil Nadu by Tvl.Dilip Buildcon Ltd - For Environmental Clearance. (SIA/TN/MIN/278310/2022 Dated.15.06.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl.Dilip Buildcon Ltd has applied for Environmental Clearance for the Proposed Rough stone & Gravel quarry lease area over an extent of 3.18.5 Ha SF.No.156/5,157/1,157/2,157/3 &157/4, Perumbakkam Village, Vanur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.


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Sl. No	Details of the proposal	
1	Name of the Owner/Firm	: Tvl.Dilip Buildcon Ltd Plot No. 5, Inside Govinda Narayan Gate Chuna Batti Kolar Road Bhopal-462016
2	Type of quarrying	: Rough stone & Gravel
3	S.F No. Of the quarry site with area break-up	: 156/5, 157/1, 157/2, 157/3 & 157/4
4	Village in which situated	: Perumbakkam
5	Taluk in which situated	: Vanur
6	District in which situated	: Villupuram
7	Extent of quarry (in ha.)	: 3.18.5 Ha
8	Latitude & Longitude of all corners of the quarry site	: 12°05'12.80"N to 12°05'21.39"N 79°39'47.22"E to 79°39'55.26"E
9	Topo Sheet No.	: 58 - P/12
10	Type of mining	: Opencast Semi - Mechanized Mining
11	Period of quarrying proposed	: 5 years
12	Production (Quantity in m3)	: 4,78,900 m3 of Rough stone & 2,79,474 m3 of gravel. The annual peak production 251630 m3 of Rough stone (1 st year) & 205290 m3 of gravel (1 st year)
13	Depth of quarrying	: 50m
14	Depth of water table	: 55m in rainy and 60m in summer
18	Precise area communication approved by the Deputy Director, G&M with date	: Rc.No.A/G&M/371/2021, Dated: 31.05.2022
19	Mining Plan approved by Assistant Director, Department of Geology and Mining with date	: Rc.No.A/G&M/371/2021, Dated: 07.06.2022
20	Assistant Director, mines 500m cluster letter	: Rc.No.A/G&M/371/2021, Dated: 07.06.2022
22	Project Cost (excluding EMP cost)	: Rs. 95,42,800
23	EMP cost	: Capital Cost – Rs. 12,26,000 Recurring Cost – Rs. 2,04,000

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24	CER cost	14.5 lakhs as accepted by the project proponent
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Based on the presentation and document furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** for an production quantity of 4,78,900 cu.m of rough stone & 2,79,474 cu.m of gravel . The annual peak production 251630 m³ of Rough stone (1st year) & 205290 m³ of gravel (1st year) for an ultimate depth of 50 m below ground level, subject to the standard conditions as per the Annexure 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. The PP shall send the 'Notice of Opening' about the commencement of mining operations to the concerned AD (Mines), and the DMS, Chennai Region before obtaining the CTO from the DEE/TNPCCB.
3. The mine manager and other statutory competent persons such as blaster / mine mate shall be appointed before the commencement of mining operation as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
4. The PP shall carry out the shallow depth Jack hammer drilled holes (of 32-34 mm dia & 1.5 m depth) & NONEL initiation based controlled blasting operation involving muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled within the permissible limits as stipulated by the DGMS as well as no fly rock travel beyond 20 m from the blast site.
15. Within one year after the commencement of mining operations, the PP shall carry out the scientific studies on controlled blasting after having taken prior permission from the DMS, Chennai Region for reducing the impact of blast-induced ground/air vibrations and fly rock, by involving reputed academic/research institution such as NIRM, Anna University-CEG Campus, IIT(ISM) / Dhanbad, NITK Surathkal – Dept of Mining Engg, and other CSIR labs such that the blasts


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are designed to be conducted by achieving the PPV triggered value at a distance of 1 km from the quarry, is not exceeding 2 mm/s and the copy of the above study report shall be submitted to the SEIAA, the concerned AD (Geology & Mines), the concerned DEE/TNPCB, MoEF-IRO, Chennai and the DMS, Chennai.

16. The PP shall prepare a slope stability action plan approved by the concerned AD (Mines) for the planned working by maintaining appropriate benches incorporating the haul road with proper gradient as the depth of the proposed quarry is exceeding 30 m and to be furnished to the DEE/TNPCB, before obtaining CTO.
4. As a part of EMP, the PP shall carry out the scientific studies to assess the slope stability of the working benches / quarry wall during 4th year of quarrying operations (or) the depth of quarry exceeds 40 m whichever is earlier, by involving a reputed Research and Academic Institution such as NIRM, IITs, NITK-Dept of Mining Engg, Surathkal, Anna University Chennai-CEG Campus, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, the concerned AD (Geology & Mines), the concerned DEE/TNPCB, MoEF-IRO, Chennai and the DMS, Chennai.
5. Mitigating measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing a dedicated water sprinkler.
6. Thick green belt of adequate width at the final boundary in the down wind direction of the project site shall be developed to mitigate/check the dust pollution.
7. The PP shall carry out the Mine closure activities as an integral part to the whole life-of-approved mine plan and, also to protect the environment and public health & safety by using safe & responsible sustainable mine closure practices. The PP shall carry out the Progressive closure activities from the commencement of mining operation as provided in their EMP and it shall be reviewed by the concerned AD (Mines) annually.
8. 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 to the EMP as committed.


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9. As accepted by the Project Proponent the CER cost of Rs. 14.5 lakhs shall be spent on the committed activities for the following Government schools:

For Government Middel School, Perumabakkam – Rs. 4.5 lakhs

For Government Higher Secondary School, Karasanur – Rs. 5 lakhs

For Government Higher Secondary School, Karaikadu – Rs. 5 lakhs

before obtaining CTO from TNPCB.

Agenda No: 309 – 34

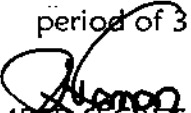
(File No. 6734 /2022)

Existing Limestone Quarry over an extent of 38.73 Ha located at S.F. No. 112/2A(P), 138(P), 205(P), 208/2, 209/1, 209/2, 210/2, 210/3, 210/4, 211/1, 211/2, 211/3, 211/4, 213/1, 213/2, 213/3, 214/1, 214/2, 214/3, 225/2, 227/2, 234(P), 236, 241/1, 241/2, 241/3 & 242/3, chinnagoundanur Village, Sankari Taluk , Salem District, Tamil Nadu by M/s. The India Cements Limited for extension of validity for the Terms of References “Under Violation”. (SIA/TN/MIN/272717/2022 dated: 15.05.2022)

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. The India Cements Limited as applied for an extension of validity for the Terms of References for the existing limestone quarry over an extent of 38.73 Ha located at S.F. No. 112/2A(P), 138(P), 205(P), 208/2, 209/1, 209/2, 210/2, 210/3, 210/4, 211/1, 211/2, 211/3, 211/4, 213/1, 213/2, 213/3, 214/1, 214/2, 214/3, 225/2, 227/2, 234(P), 236, 241/1, 241/2, 241/3 & 242/3, chinnagoundanur Village, Sankari Taluk , Salem District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B” – “Under Violation” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study under violation vide SIA/TN/MIN/27501/2018, dated. 02.06.2018.
4. The ToR for carrying out the EIA study under violation was issued vide SEIAA. Lr No.SEIAA-TN/F.No.6734/SEAC/TOR- 633/2019 Dated: 12.07.2019 for a period of 3 years.


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5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/272717/2022 dated: 15.05.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corona virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that *".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid....."*.


Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 11.07.2024 as per the aforesaid MoEF Notification dated 18.01.2021.


Therefore, the project proponent is requested to submit Public Hearing minutes, EIA/EMP report along with required details on the following – (i) facets of violation, (ii) assessment of ecological damage, remediation plan and natural and community resource augmentation plan which shall be prepared as an independent chapter in the environment impact assessment report (iii) the compliance report on the violation ToR issued earlier.

Agenda No: 309 – 35.

(File No.6567/2022)

Proposed Lime Stone Mine Quarry over an extent of 4.86.5 ha comprising S.F.Nos. 17, 23/1, 24/1, 25/1, 33/1B(P), 33/2, 33/3, 33/4, 51/2B (P), 52/5(P), 153/2 of Chinnagoundanur Village, Sankari Taluk and Salem District Tamil Nadu by M/s.The India Cements Limited for Extension of validity for the Terms of References. (SIA/TN/MIN/273010/2022 dated: 15.05.2022)


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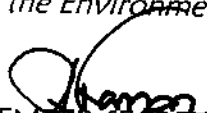

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The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, M/s. The India Cements Limited as applied for Extension of validity for the Terms of References for the proposed Lime Stone Mine Quarry over an extent of 4.86.5 ha comprising S.F. Nos. 17, 23/1, 24/1, 25/1, 33/1B(P), 33/2, 33/3, 33/4, 51/2B (P), 52/5(P), 153/2 of Chinnagoundanur village Sankari Taluk and Salem District Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The PP had applied for ToR to carry out the EIA study vide application dated:14.03.2019.
4. The ToR for carrying out the EIA study issued vide SEIAA Lr No. SEIAA-TN/F.No.6674/2018/TOR- 630 /2019, Dated: 12.07.2019.
5. As per MoEF&CC O.M Dt:29.08.2017, the validity of ToR shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
6. Now the PP has applied online through Parivesh portal vide Proposal No. SIA/TN/MIN/273010/2022 dated: 15.05.2022, for the extension of validity of ToR with all required documents.
7. The PP had cited the reasons of the outbreak of the Corono virus (covid-19) and subsequent lockdowns which had put the studies initiated as a part of EIA on hold and they were unable to proceed further to submit the final EIA report in time.

The SEAC had observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, stating that "*.....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....*".


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Hence, the SEAC after detailed discussions confirmed that the validity of the ToR issued is valid (deemed to be) up to 11.07.2023 as per the aforesaid MoEF Notification dated 18.01.2021.

Agenda No: 309 – TA1

(File No: 8779/2021)

Proposed rough stone quarry lease area over an extent of 3.45.5 Ha at S. F.Nos. 748/B Thennilai East Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. TPK Sand Crushers Pvt Ltd-For Environmental Clearance amendment (SIA/TN/MIN/228606/2021 Dt: 09.09.2021)

The proposal was placed in this 295th SEAC Meeting held on 15.7.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. TPK Sand Crushers Pvt Ltd has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 3.45.5 Ha at S. F.Nos. 748/B Thennilai East Village, Aravakurichi Taluk, Karur District, Tamil Nadu. It is 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 –296863 m³ of rough stone and topsoil – 10309m³. The annual peak production as per mining plan is 56074m³ of rough stone (2nd year) & 10309m³ of topsoil (1st year) with ultimate depth of 26m BGL

Earlier, this proposal was placed in 271st SEAC Meeting held on 12.5.2022. Based on the presentation and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance**, subject to the standard conditions & normal conditions stipulated by MOEF & CC. Subsequently, it was placed in 516th SEIAA meeting held on 1.6.2022 and after detailed discussion, the Authority decided to refer back the proposal to SEAC, for the following reason.

- As per the 500m Cluster letter issued by the Deputy Director, Geology & Mining, Karur vide Rc.No. 145/mines/2019 dated 27.8.2021, the total cluster area is


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above 5 Ha(i.e 3.45.5 Ha + 4.37.0 Ha). Whereas in the affidavit dated 01.07.2021 submitted by the proponent, the other quarry present within the 500m radius of the proposed mine lease area has been omitted. Hence the said facts may be ascertained.

The proposal now placed for reappraisal in this 295th meeting of SEAC held on 15.7.2022. The PP has furnished a detailed reply covering the points raised by SEIAA and furnished revised affidavit. Based on the presentation and documents furnished by the project proponent, **SEAC decided to confirm the recommendation already made in 271st meeting of SEAC held on 12.5.2022.**

The proposal was placed in the 540th Authority meeting held on 17.08.2022. The authority noted that the proposal was placed for appraisal in the 295th meeting of SEAC held on 15.07.2022 and the SEAC decided to confirm the recommendation for the issue of Environmental Clearance subject to certain conditions stated therein vide minutes of 271st meeting of SEAC held on 12.5.2022.

In this connection, Authority noted that as per the MoEF&CC Notification S.O.2269(E)Dt: 01.07.2016

"(6) A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or quarry licenses granted on and after 9th September, 2013."

"The leases not operative for three years or more and leases which have got environmental clearance as on 15th January, 2016 shall not be counted for calculating the area of cluster, but shall be included in the Environment Management Plan and the Regional Environmental Management Plan."

Also, the 500m radius Cluster area letter issued by the Deputy Director, Geology & Mining, Karur vide Rc.No. 145/mines/2019 dated 27.8.2021 reveals that the total cluster area is above 5 Ha (7.825 Ha)

In view of the above, the authority after detailed discussion decided to refer back the proposal to SEAC for consideration and further course of action in regard to the MoEF&CC Notification Dt: 01.07.2016.


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In this connection, the proposal was again placed in this 309th SEAC Meeting held on 02.09.2022. The proponent has furnished DD, Dept. of Geology & Mining, Karur District Lr. Dt: 29.08.2022 which states the following

"In the reference 5th cited, the details of Existing, Proposed and abandoned quarries located within 500 meters radius from the lease applied area had been furnished to the applicant.

Further, the lease expired rough stone quarry lease was granted to Thiru. S. Kandasamy, S/o. Samiyappa in patta lands of S.F. Nos. 750/1 (part) and 751 over an extent of 4.37.0 hectares in Thennilai East village, Pugalur (erstwhile Aravakurichi) Taluk, Karur District for a period of 5 years from 05.08.2016 to 04.08.2021.

In this regard, the applicant has submitted an affidavit stated that above mentioned quarry lease was already attained maximum depth of 42 meter below the ground level and there are no possibilities of further proposal for quarrying and also there is no resources for scientific and systematic quarrying for Rough stone in S.F. Nos. 750/1 (part) and 751 of Thennilai East village, Pugalur Taluk, Karur District."

Based on the above presentation made and the documents furnished, SEAC decided to re - confirm the recommendation already made in 271st meeting of SEAC held on 12.5.2022.

Agenda No: 309 -TA2.


(File No: 9407/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.71.40 Ha at S.F.No. 290/1B(P), 290/2(P), 291/2B(P), 287/3(P), 160/1A(P), 289/1A(P) & 289/2(P) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tvl. Hi Tech Rock Products & Aggregates Limited for Terms of Reference. (SIA/TN/MIN/81008/2022, Dt: 25.07.2022).

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Tvl. Hi Tech Rock Products & Aggregates Limited has applied for Terms of Reference for the proposed Rough Stone and Gravel quarry


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lease over an extent of 4.71.40 Ha at S.F.No. 290/1B(P), 290/2(P), 291/2B(P), 287/3(P), 160/1A(P), 289/1A(P) & 289/2(P) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication/lease is issued for the period of 5 years. The approved mining plan is for the period of five years & production should not exceed 678900 cu.m of rough stone, 359325 Cu.m of Weathered Rock & 81618 Cu.m of Gravel. The annual peak production is 199740 cu.m of rough stone (3rd year), 359325 Cu.m of Weathered Rock (1st year) & 81618 Cu.m of Gravel (1st year). The ultimate depth is 57 m BGL.

Based on the presentation made by the proponent and considering safety point of view, SEAC has decided to recommend grant of **Terms of Reference (TOR) with Public Hearing** is issued for the depth restricted up to 50m, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:


1. The PP shall revise the mining plan & quantity with respect to the ultimate depth of 50 and the same shall be approved by competent authority.
2. The PP shall enumerate the permanent structures, wind mills located within 500m radial distance & the same shall be included in the EIA report.
3. The PP shall furnish the combined EIA report along with public hearing minutes including the proposals 9405 & 9406.
4. The PP shall furnish DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.
5. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.



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6. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
7. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
8. **The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.**
9. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
10. 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?
 - 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.
11. 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).

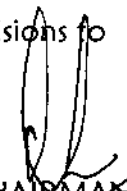
12. The PP shall carry out Drone video survey covering the cluster, Green belt , fencing etc..
13. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
14. 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.
15. 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.
16. Since watercourses are situated within a distance of 70 m, the PP shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
17. 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.
18. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution,


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- climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
19. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
 20. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
 21. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
 22. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
 23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
 24. Impact on local transport infrastructure due to the Project should be indicated.
 25. 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.
 26. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
 27. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to


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implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.

28. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
29. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
30. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
31. 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.
32. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
33. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
34. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.


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35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37. 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.
38. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
39. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
40. 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.
41. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
42. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.


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Agenda No: 309 -TA3.

(File No: 9405/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.74.0 Ha at S.F.No. 298/1A(p), 289/2(p) & 161/1A(p) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tvl. Hi Tech Rock Products & Aggregates Limited for Terms of Reference. (SIA/TN/MIN/81008/2022, Dt: 25.07.2022).


The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

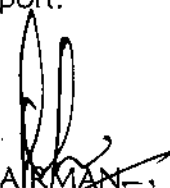
The SEAC noted the following

1. The Project Proponent, Tvl. Hi Tech Rock Products & Aggregates Limited has applied for Terms of Reference for the proposed Rough Stone and Gravel quarry lease over an extent of 3.74.0 Ha 298/1A(p), 289/2(p) & 161/1A(p) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication/lease is issued for the period of 5 years. The approved mining plan is for the period of five years & production should not exceed 4,34,625 m³ of Roughstone, 2,74,250 m³ of Weathered Rock and 63,384 m³ of Gravel for a period of 5 years upto a depth of 57m. The annual peak production is 1,19,965 cu.m of rough stone (3rd year), 2,742.50 Cu.m of Weathered Rock (1st year) & 63,384 Cu.m of Gravel (1st year). The ultimate depth is 57 m BGL.

Based on the presentation made by the proponent and considering safety point of view, SEAC has decided to recommend grant of **Terms of Reference (TOR) with Public Hearing** is issued for the depth restricted up to 50m, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The PP shall revise the mining plan & quantity with respect to the ultimate depth of 50 and the same shall be approved by competent authority.
2. The PP shall enumerate the permanent structures, wind mills located within 500m radial distance & the same shall be included in the EIA report.


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3. The PP shall furnish the combined EIA report along with public hearing minutes including the proposals 9405 & 9406.
4. The PP shall furnish DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.
5. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
6. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
7. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
8. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
9. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
10. 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,


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- a. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - 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.
11. 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).
 12. The PP shall carry out Drone video survey covering the cluster, Green belt , fencing etc.,
 13. 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.
 14. 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.
 15. 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.


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16. Since watercourses are situated within a distance of 70 m, the PP shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
17. 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.
18. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
19. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
20. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
21. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.

22. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
24. Impact on local transport infrastructure due to the Project should be indicated.
25. 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.
26. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
27. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
28. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
29. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
30. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
31. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in


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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.

32. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
33. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
34. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37. 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.

38. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
39. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
40. 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.
41. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
42. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 309 – TA4

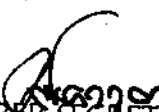
(File No: 7092/2020)


Proposed Rough Stone & Gravel quarry lease over an extent of 3.17.0 Ha at S.F.No. 222/2 of Pungampadi (Melpagam) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru. V.Muthaiah - For Environmental clearance. (SIA/TN/MIN/36624/2019 dated 22.05.2019).

The proposal was earlier placed in 138th, 145th and in the 173rd meetings of SEAC. *The details of the project furnished by the proponent are available on the website (parivesh.nic.in).*

In the 173rd meeting held on 10.09.2020, it was minuted that,

“SEAC noted that the project proponent has submitted the earlier Environment Clearance obtained from SEIAA vide Lr.No.SEIAA-TN/F.No.1516/EC/1(a)/768/2013 dated 04.10.2013 to a proposed depth of 17 m. Further, AD, Geology and Mining Department Karur letter dated:31.12.2019 has informed the following:


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The precise area is an existing lease expired quarry, which was previously held under quarry leases. The quarry pit existed in dimensions of pit - Length 160m X Width 93m X Depth 25m. From the records it is ascertained that previously leases were granted for a period of 5 years vide District Collector's Proceedings Rc. No. 4 Kanimam/2012, dated: 06.06-2013 in the subject area.


Hence, the project proponent has quarried beyond the depth mentioned in the EC. SEAC decided to send the proposal to SEIAA with above recommendation to look into the above said issues as per the EIA Notification, 2006 and process the application accordingly."

The proponent furnished the additional details sought vide letter dated 09.12.2020. Hence the proposal was placed again for appraisal in this 204th meeting of SEAC held on 25.02.2021.

SEAC noted the following:

1. The Proponent, Thiru. V.Muthaiah has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and gravel quarry over an extent of 3.17.0 Ha in S.F. Nos. 222/2 at Pungampadi (Melpagam) Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The project activity is covered under Category 'B' of Item I(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.

On perusal of the documents furnished by the Project proponent, SEAC noted that EC was granted for a maximum depth of 17m (2m+15m) whereas the AD/Mines vide letter dated 27.11.2020 has reported the existing pit depth as 25m. Hence if the Proponent has quarried beyond the approved depth of 17m, a suitable assessment of the penalty for the violation needs to be carried out by the AD/Mines. After receipt of the ratification plus regularization, SEAC will consider the proposal. Further the Committee has decided to make an on-the-spot inspection of the site by the sub-committee constituted by the SEAC. Based on the inspection report of the sub-committee, the SEAC will deliberate on the project and decide the further course of action.


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The Sub-Committee of SEAC visited the project site on 07.05.2022 to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 309th Meeting of SEAC held on 02.09.2022 and the observations of the Sub-committee are as follows.

Observations Made by the Sub-Committee:

1. The proposed Rough Stone and Gravel Quarry is of Lease area over an Extent 3.17.0 Ha at 222 / 2 of Pungampadi (Melpagam) Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The proposed mine is a patta land owned by the Proponent and partly fenced through iron wire with pillars and partly with the help of earth materials and entry of public is completely prevented.
3. The existing mine owned by the same proponent is fairly covered by the trees around the mine. All the trees were planted around the existing mine over the earth materials bund and found to be over 3 to 4 years old.
4. The water level in the existing bore well is measured at 65 m, BGL and feeding water for all the trees in the proposed mining site.

Reply by the Subcommittee to the Objections Raised by SEAC:

Query:

- On perusal of the documents furnished by the Proponent, SEAC noted that EC was granted for a maximum depth of 17 m whereas the AD Mines vide letter 27.11.2020 has reported the existing pit depth as 25 m.
- Hence, if the proponent has quarried beyond the approved depth of 17m, a suitable assessment of the penalty for the violation needs to be carried out by the AD mines.

Observations Made by the Sub Committee:

- The subcommittee verified the letter submitted by the AD mines on the violation carried out in the mine and found the following:


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The AD mines in his letter after making site visit to the proposed mine stated that

- (i) As per the site inspection it is clearly inferred that the dimensions of quarried pit Length 160 m x Width 93 m x Depth 25 m and
- (ii) The excavated quantity did not exceed the permitted quantity and the lease did not carried out any violation during the quarry period.
- The previous lease for the proposed mine is valid up to 05.06.2018 and hence, there is no mining activity presently carried out.
- The existing bore well is holding the water table at 65 m, BGL and the water is utilized to the existing plants and trees around the mines.
- The safety distance of 7.5 m from nearby patta land and 10 m from the existing road is maintained by the proponent.
- A stone crushing machine owned by the proponent is situated south of the proposed mine beyond the road.

RECOMMENDATIONS

- The SEAC sub-committee members after visiting the site recommends **environmental clearance** to the proposed mine with the following conditions:
- The previous EC for this quarry has been issued with an ultimate depth of 17 m, BGL. But the proponent has crossed the ultimate depth of 17 m, BGL and quarried upto the depth of 25 m, BGL (As per the AD, Mines Inspection Report). This is considered as EC violation. Hence, it is advised to the Proponent to approach SEIAA / SEAC under violation category to receive new EC for the proposed mining part in the existing quarry.
- Even though there is a depth violation carried out by the proponent, the permitted quantity of the gravel and rough stone has not exceeded (As per the AD, Mines Inspection Report).
- The previous lease for the proposed mine is valid up to 05.06.2018 and hence, the proponent is advised to submit EC Compliance report of the quarry.
- The proponent should ensure of using controlled blasting techniques during the quarrying processes for the proposed dimension of 160 m (L) x 165 m (W) x 42 m (D) and approved quantity (17,404m³ of Gravel and 2,86,325m³ of Rough stone) has to be mined.


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- The quarrying has to be carried out strictly with proper benches as per the approved mining plan.
- An additional number of more than 700 trees have to be planted around the mining area before start of the quarrying. More number of trees has to be planted around the proposed site.
- Mining of the gravel and rough stone should be as per the approved mining plan.

Based on the inspection report of Sub- Committee constituted by SEAC, the SEAC after detailed discussion decided that the PP has violated previous EC conditions and proposal to be considered under violation category and SEIAA should inform the PP to take further course of action as per violation MoEF&CC Notification S.O.804 (E) dated 14.03.2017 & S.O.1030 (E) dated 08.03.2018.

Agenda No: 309 –TA5.

(File No: 9406/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.981 Ha at S.F.No. 282/3B(P),283/2,278/2(P),277/1B(P),284/1A1 (P) & 284/2 Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tvl. Hi Tech Rock Products & Aggregates Limited -for Terms of Reference. (SIA/TN/MIN/81007/2022, Dt: 25.07.2022).

The proposal was placed in this 309th Meeting of SEAC held on 02.09.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following

1. The Project Proponent, Tvl. Hi Tech Rock Products & Aggregates Limited has applied for Terms of Reference for the proposed Rough Stone and Gravel quarry lease over an extent of 3.981 Ha at S.F.No. 282/3B(P),283/2, 278/2(P), 277/1B(P),284/1A1 (P) & 284/2 Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B1” of Item I(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.


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Based on the presentation made by the proponent and considering safety point of view, SEAC has decided to recommend grant of **Terms of Reference (TOR) with Public Hearing** is issued for the depth restricted up to 50m, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The PP shall revise the mining plan & quantity with respect to the ultimate depth of 50 and the same shall be approved by competent authority.
1. The PP shall furnish the combined EIA report along with public hearing minutes including the proposals 9405 & 9407.
2. The PP shall enumerate the permanent structures, wind mills located within 500m radial distance & the same shall be included in the EIA report.
3. The PP shall furnish DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.
4. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
5. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
6. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
7. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.


8. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
9. 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?
 - 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.
10. 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).
11. The PP shall carry out Drone video survey covering the cluster, Green belt , fencing etc.,
12. 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.
13. 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.

14. 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.
15. Since watercourses are situated within a distance of 70 m, the PP shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
16. 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.
17. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
18. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
19. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.


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20. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
21. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
22. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
23. Impact on local transport infrastructure due to the Project should be indicated.
24. 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.
25. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
26. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
27. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
28. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
29. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.


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30. 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-1 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.
31. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
32. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
33. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
34. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
35. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
36. 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


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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.

37. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

38. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

39. 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.

40. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.

41. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 309-TA6

(File No: 9399/2022)

Proposed Sand Quarry lease over an extent of 4.98.75 Ha at S.F.No. 1 (Ward A, Block-24) of Vanpakkam II Village, Panruti Taluk, Cuddalore District, Tamil Nadu by M/S The Executive Engineer, Public Works Department, (WRO), Mines and Monitoring Division – For Environmental Clearance. (SIA/TN/MIN/274036/2022, dated 16.07.2022)

Earlier, this proposal was placed in the 301st Meeting of SEAC held on 06.08.2022. The details of the project furnished by the proponent are available on the website (www.parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/S. The Executive Engineer, Public Works Department, (WRO), Mines and Monitoring Division has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 4.98.75 Ha at S.F.No. 1


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(Ward A, Block-24) of Vanpakkam II Village, Panruti Taluk, Cuddalore District, Tamil Nadu

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and the presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on-spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

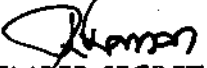
1. The Project Proponent shall study and report in detail on the "Replenishment Study" as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.

The State Expert Appraisal Committee (SEAC) Tamilnadu constituted a sub committee vide its Lr.No.SEAC/TN/Site Inspection/2022, dt.06.08.2022 to inspect and study the field condition for the proposal seeking EC for a sand quarry proposed at Vanpakkam Village in SF No. 1(ward A, block 24) Panruti Taluk, Cuddalore District.

As per the above letter the sub-committee visited the site on 13.08.2022. The observations made in the field and recommendation derived on the basis of the field visit are as below:

1.0 Vanpakkam Sand Quarry:

Sl.No	Description	Details
1	Proposal number	SIA/TN/MIN/274036/2022, DT.16.07.2022
2	File number	9399/2022
3	Proponent	Executive Engineer, WRD., Mining and Monitoring Division, Villupuram
4	Major Project Activity	1 a. Mining of minerals
5	Category	B2
6	Project Type	Fresh EC
7	River	Thenpennaiyar

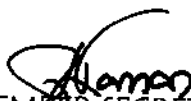

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8	Location	SF No.1(ward A, block 24)of Vanpakkam Village
9	Area	4.98.75 Hectare
10	Quantity& Duration	54743 m3 / 1 year
11	Depth	1m below bed level
12	Method & Mining	Open cast – mechanized
Location		
	N11° 48'28.6620"	E79° 40'09.8995"
	N11° 48'34.2119"	E79° 40' 13.3003"
	N11° 48'30.0119"	E79° 40' 20.3670"
	N11° 48'24.4813"	E79° 40'16.9703"

2.0 Observations:

- Proposed sand quarry is located on the northern side of the Vanpakkam Village in SF No.1(ward A, block 24) in the river bed of Thenpennaiyar. It is close to the right bank of Then Pennai River.
- The dimension of the proposed sand quarry is 250m in length and 199.50m in width.
- The Proposed quarry site is located about 1.30 km downstream of Viswanathapuram checkdam (Sill +13.883m) and 600m upstream of Vanpakkam Manamedu road bridge(Sill +13.65m)
- Thenpennaiyar river confluences in Bay of Bengal Sea at Thazhankuda village lies 15km East of proposed sand quarry site.
- The sand at the proposed site is replenished well and sand is deposited above the bed level (Theoretical bed level +13.765m).
- It was informed by the PWD officials that a temporary road with bio-degradable material will be formed along the banks of river to transport the sand to the yard.
- Paddy fields are seen enroute Cuddalore to Vanpakkam village.
- The Vanpakkam sand quarry site is proposed on right side of Thenpennaiyar River. It helps to regulate the flood water to flow freely to avoid further meandering on leftside (erosion side).


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- There is no water supply scheme on either side for 3km.

3.0 Recommendations:

- The following conditions of the Enforcement & Monitoring Guidelines for Sand Mining, 2020 of the MoEFCC, Government of India (Annexure VIII Salient provision for sand mining in the state of Tamil Nadu) can be implemented.

“To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months”.

- In this endeavour, Groundwater Wing of the Water Resources Department of the PWD may be engaged.
- As per Rule 36 of the Tamil Nadu Minor Mineral Concession Rules 1956, no sand quarry should be allowed within 500m radial distance from the location of any bridge, water supply system, infiltration well or pumping installation.
 - Within 500m on either side no such structures or installation are available, the mining of sand at the proposed sand quarry in SF No.1(ward A, block 24) of Vanpakkam Village, Panruti Taluk, Cuddalore District as per the mining plan is recommended for Environmental Clearance.

The project proponent vide Lr.No/D8/JDO/2020/Dt: 10.08.2022 has informed the following:

“ It is hereby affirmed that the mining and monitoring Division, Villupuram will undertake Replenishment study for Vanpakkam -II (4.98.75 Ha) sand quarry (B2 category) by engaging departments staff of respective section. The record of replenishment will be maintained properly so that for any further future proposal of further mining river sand at that site.



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Further it is affirmed that the mining and Monitoring Division, Villupuram will periodically collect Ground Water levels, well levels data from Ground Water Division of water resource organization or to monitor the impact of mining on ground water table during the period of quarrying and after completion. Records will be maintained for further reference."

The sub-committee report was placed in the 309th SEAC meeting held on 2.9.2022. Based on the Inspection report, presentation and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** for 54,743 Cu.m (Shoal- 4868 Cu.m & 49875 Cu.m of Reserves) of Sand for period of 1 Year, subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:

1. A study shall be carried out on sustainable sand mining in regard to how sustainable is the proposed sand mining along with continuous collection of replenishment data for all the seasons of every year as per Enforcement & Monitoring Guidelines for Sand Mining, 2020 considering impact of sand mining on replenishment of sand and impact of sand mining on ground water table/infiltration wells around the proposed mining lease area by the reputed academic institutions like Anna University, Chennai and IIT, Madras.
2. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 4.98.75 Ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.
3. The river bund needs to be protected during mining and transportation activities.
4. A Temporary Road with bio-degradable material will be formed along the banks of river to transport the sand to the yard as committed.
5. The dust emanating during transportation activity need to be controlled due to unpaved road conditions as a result of re-suspension of dust arising in and around the site.
6. The depth of sand quarrying shall be restricted to 1 m from the theoretical bed level.


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7. The project proponent shall monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months by engaging Groundwater Wing of the Water Resources Department.
8. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
9. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.
10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
11. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining.
12. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
13. Adequate statutory manpower to be deployed for complying with the provisions as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
14. All the conditions imposed in the mining plan approval letter and precise area communication shall be strictly followed.
15. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels.
16. The entire sand mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
17. The entire sand mining operation should be as per the guidelines for Enforcement & Monitoring Guidelines for Sand Mining issued in 2020 by the MoEF& CC, GOI, New Delhi.


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18. If the agricultural activities (or) thick greeneries are being carried out around all the sand mining projects, the mining operation should not affect the greeneries (or) agricultural activities as well as it should not lead to depletion of water in the open wells located nearby.
19. The approach road and loading of the sand in the vehicles, movement of the vehicle should be planned and implemented in such a way that there is no noise and dust pollution in the nearby habitation. We recommend that PWD should maintain at least a safe distance of 300m from the habitations while planning the approach road and the loading operation. Wherever necessary and near the habitation in particular dust suppression measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.
20. The pathway used by all machineries should be properly constructed and maintained by the PWD in order to avoid pollution.
21. The mining operation should be above the ground water table.
22. Adequate statutory manpower to be deployed for complying with the provisions to use heavy machineries as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
23. The Proponent shall provide Provision of bio-toilet to be ensured and confirmed.
24. The project proponent should fulfill the conditions imposed by the Hon'ble Madurai Bench of Madras High Court, in the order in W.P.(MD) Nos. 4251, 7960, 14577, 15121, 8655, 13835, 16150, 15343, 11376, 17143 and 17531 of 2017 and Connected Miscellaneous Petitions dated. 16.02.2018.
25. During the sand mining work, appropriate progressive mine closure activities must be implemented to restore the river bed to its original status for ensuring the free flow.


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Agenda No: 309-TA7

(File No: 6629/2018)

Proposed Sand Quarry lease over an extent of 11.00.0 Ha at S.F.No. 198(Part) of Enathimangalam Village, Thiruvannainallur Taluk, Viluppuram District, Tamil Nadu by M/S The Executive Engineer, Public Works Department, (WRO), Mines and Monitoring Division – For Environmental Clearance. (SIA/TN/MIN/80828/2018, dated 16.07.2022)


Earlier, this proposal was placed in this 301st Meeting of SEAC held on 06.08.2022. The details of the project furnished by the proponent are available on the website (www.parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/S. The Executive Engineer, Public Works Department, (WRO), Mines and Monitoring Division has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 11.00.0 Ha at S.F.No. 198(Part) of Enathimangalam Village, Thiruvannainallur Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. The project proponent has applied and obtained Terms of Reference along with Public consultation vide Lr.No.SEIAA-TN/F.No.6629/SEAC/TOR-657/2019 dated 06.11.2019.
4. Public hearing was conducted on 02.06.2022 and a copy of the minutes is enclosed in the application.

Based on the documents furnished and the presentation made by the proponent, the SEAC, after detailed deliberations, decided to make an on-spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Further, the PP shall furnish the following details during the site inspection.

1. The Project Proponent shall study and report in detail on the “Replenishment Study” as per Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020.


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2. In the PARIVESH portal, it was noted that another application for the same area was applied vide proposal No. SIA/TN/MIN/75447/2018 dated 16.06.2018 and the status of the same shall be furnished.

The State Expert Appraisal Committee (SEAC) TamilNadu constituted a subcommittee vide its Lr.No.SEAC/TN/Site Inspection/2022, dt.08.08.2022 to inspect and study the field condition for the proposal seeking EC for a sand quarry proposed at Enathimangalm Village in SF No. 198(P) Thiruvannainallur Taluk, Villupuram District.


As per the above letter the sub-committee visited the site on 13.08.2022.

The observations made in the field and recommendation derived on the basis of the field visit are as below:

1. Enathimangalam Sand Quarry:

Sl.No	Description	Details
1	File number	6629
2	Proponent	Executive Engineer, WRD., Mining and Monitoring Division, Villupuram
3	Major Project Activity	1 a. Mining of sand
4	Category	B1
5	Project Type	Fresh EC
6	River	Thenpennai River
7	Location	SF. No. 198(P) of Enathimangalam Village
8	Area	11.00.0 Ha
9	Quantity& Duration	2,84,963 m3 & 2 year
10	Depth	1m below Theoretical bed level
11	Method & Mining	Open cast - mechanised
Location		
	11°54'35.97"N	79°23'20.28"E
	11°54'41.67"N	79°23'24.37"E
	11°54'32.52"N	79°23'38.54"E
	11°54'26.84"N	79°23'34.41"E

2.Observations:


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- Proposed sand quarry is located on the south Eastern side of the Enathimangalm Village in SF. No.198(P) in the river bed of Thenpennai River. It is close to the right bank of Thenpennai river.
- The dimension of the proposed sand quarry is 512m in length and 215.4m in width.
- It is located about 20.5 km downstream of Thirukoilur Anicut (Sill +80.77m) and 800 m upstream of Ellis Anicut (Sill +55.63m) and 1000m upstream of SH69 (Villupuram-Ulundurpet) road bridge.
- Two numbers of abandoned wells were located at 685m downstream of proposed quarry site.
- Four numbers Combined water Supply Scheme wells were located @1.5Km downstream of Proposed quarry site and NH45 road bridge is located @10.1km downstream of Proposed quarry site.
- Bay of Bengal sea lies 45.6km East of proposed sand quarry site.
- The sand at the proposed site is replenished well and sand is deposited above the bed level (Theoretical bed level +55.967m) with the shoal of 1.59m
- It was informed by the WRD officials that a temporary road with bio-degradable material will be formed along the banks of river to transport the sand to the yard.
- Paddy and sugarcane fields are seen enroute Villupuram to Enathimangalam village.
- Enathimangalam sand quarry site is proposed on rightside (deposition side) bed of Thenpennai river. It helps to regulate the flood water to flow freely to avoid further meandering on left side (erosion side).

3. Recommendations:

The following recommendations of the Enforcement & Monitoring Guidelines for Sand Mining, 2020 of the MoEFCC, Government of India (Annexure VIII Salient provision for sand mining in the state of Tamil Nadu) can be implemented.


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- "To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months".
- In this endeavour, Groundwater Wing of the Water Resources Department of the PWD may be engaged.
- As per Rule 36 of the Tamil Nadu Minor Mineral Concession Rules 1956, no sand quarry should be allowed within 500m radial distance from the location of any bridge, water supply system, infiltration well or pumping installation.
- In as much as within 1.00km on either side no such structures or installation are available, the mining of sand at the proposed sand quarry in SF No.198 (P) of Enathimangalm village, Thiruvannainallur Taluk, Villupuram District as per the mining plan is recommended for Environmental Clearance.


The project proponent vide Lr.No176/DB/F.126/JDO/2020/Dt: 10.08.2022 has informed the following:

"It is hereby affirmed that the Mining and Monitoring Division, Villupuram will undertake Replenishment study for Enathimangalam (11.00.0 hectares) sand quarry (B1 category) by engaging Institute of Water Studies, WRO., Taramani, Institute of Hydraulics and Hydrology, Poondi or institutions like Anna University, IIT, NIT, etc., with the approval departmental higher authorities.

Further it is affirmed that the Mining and Monitoring Division, Villupuram will collect Ground Water levels, well levels data from Ground Water Division, WRO, TWAD Board or any other recognised institution to monitor the impact of mining on ground water table during the period of Quarrying or period recommended by SEIAA, state authorities."

The sub-committee report was placed in this 309th SEAC meeting held on 2.09.2022. Based on the Inspection report, presentation and documents furnished by the project proponent, **SEAC decided to recommend the proposal for the grant of Environmental Clearance** for 2,84,963 m³ (Shoal- 1,74,963 Cu.m & 1,10,000 Cu.m of Reserves) of


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Sand for period of 2 Year, subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:


1. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 11.00.00 Ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.
 2. A study shall be carried out on sustainable sand mining in regard to how sustainable is the proposed sand mining along with continuous collection of replenishment data for all the seasons of every year as per Enforcement & Monitoring Guidelines for Sand Mining, 2020 considering impact of sand mining on replenishment of sand and impact of sand mining on ground water table/infiltration wells around the proposed mining lease area by the reputed academic institutions like Anna University, Chennai and IIT, Madras.
 3. It was noted that another application for the same area was applied vide proposal No. SIA/TN/MIN/75447/2018 dated 16.06.2018. Hence, the project proponent shall withdraw the proposal submitted before issuance of EC.
 4. The river bund needs to be protected during mining and transportation activities.
 5. A Temporary Road with bio-degradable material will be formed along the banks of river to transport the sand to the yard.
 6. The dust emanating during transportation activity need to be controlled due to unpaved road conditions as a result of re-suspension of dust arising in and around the site.
3. The depth of sand quarrying shall be restricted to 1 m from the theoretical bed level.
4. The project proponent shall monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months by engaging Groundwater Wing of the Water Resources Department.


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1. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
2. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.
3. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
4. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining.
5. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
6. Adequate statutory manpower to be deployed for complying with the provisions as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
7. All the conditions imposed in the mining plan approval letter and precise area communication shall be strictly followed.
8. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels.
9. The entire sand mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
10. The entire sand mining operation should be as per the guidelines for Enforcement & Monitoring Guidelines for Sand Mining issued in 2020 by the MoEF& CC, GOI, New Delhi.
11. To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months”.


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12. In this endeavour, Groundwater Wing of the Water Resources Department of the PWD may be engaged.
13. As per Rule 36 of the Tamil Nadu Minor Mineral Concession Rules 1956, no sand quarry should be allowed within 500m radial distance from the location of any bridge, water supply system, infiltration well or pumping installation.
14. If the agricultural activities (or) thick greeneries are being carried out around all the sand mining projects, the mining operation should not affect the greeneries (or) agricultural activities as well as it should not lead to depletion of water in the open wells located nearby.
15. The approach road and loading of the sand in the vehicles, movement of the vehicle should be planned and implemented in such a way that there is no noise and dust pollution in the nearby habitation. We recommend that PWD should maintain at least a safe distance of 300m from the habitations while planning the approach road and the loading operation. Wherever necessary and near the habitation in particular dust suppression measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.
16. The pathway used by all machineries should be properly constructed and maintained by the PWD in order to avoid pollution.
17. The mining operation should be above the ground water table.
18. Adequate statutory manpower to be deployed for complying with the provisions to use heavy machineries as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
19. The Proponent shall provide Provision of bio-toilet to be ensured and confirmed.
20. The project proponent should fulfill the conditions imposed by the Hon'ble Madurai Bench of Madras High Court, in the order in W.P.(MD) Nos.4251,7960,14577,15121, 8655, 13835, 16150, 15343,11376,17143 and 17531 of 2017 and Connected Miscellaneous Petitions dated.16.02.2018.


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21. During the sand mining work, appropriate progressive mine closure activities must be implemented to restore the river bed to its original status for ensuring the free flow.

Agenda No: 309TA-08

(File No: 8425/2021)

Proposed Multi Colour Granite quarry over an extent of 1.76.0 Ha at S.F.No: 22/7A,22/8,22/9,22/10,39/1,39/3, Thonugal village, Kariyapatti Taluk, Virudhunagar District, Tamil Nadu by Thiru.S.Thirumavalavan – For Environmental Clearance. (SIA/TN/MIN/200565/2021 Dt.01.03.2021)

The proposal was placed for appraisal in this 309th SEAC Meeting held on 2.09.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru.S.Thirumavalavan, has applied for Environmental Clearance Multi Colour Granite quarry over an extent of 1.76.0 Ha at S.F.No: 22/7A,22/8,22/9,22/10,39/1,39/3, 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 quarry land falls under Non Forest / Patta land.
4. It is a fresh quarry seeking Environmental Clearance for 5 years applied in the year
5. As per the proposal, the depth of mining proposed is 13m BGL with a total quantity recoverable is 8,586 Cu.m of multicolored granite and 11,904 cu.m of weathered rock and top soil.
6. The project was placed before the 229th SEAC committee dated 27.08.2021. Based on the case presented by the proponent through his consultant SEAC noted as follows:

SEAC observed that there is an odai adjacent to the proposed quarry site and it has been cut off by the previous mining activity. SEAC also mentioned that that the odai has to be restored and adequate safety distance to the odai. With


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this at the backdrop. SEAC had decided to make a visit by subcommittee members to assess the actual present condition and feasibility for restoring the odai. It was also decided to deliberate based on the above report for further course of action.

The sub-committee comprising of Shri. R Thangaprakasam, Member, SEAC and Dr. M R Ramasubramaniyan Member, SEAC. The sub-committee members were accompanied by the proponent Mr. Thirumavalavan, during the mine visit on 27.05.2022. The EIA consultant Mr. Guru Ramachandran also accompanied the subcommittee during the visit.

The observations made in the field and recommendation derived on the basis of the field visit is as below:

Observations:

1. The proposed quarry site has been properly fenced with stones and barbed wire.
2. There is an abandoned quarry adjacent to the proposed quarry without any safety enclosure. However, it was noted that the said expired quarry was operational more than 20 years ago and there has been no recent quarrying activity in the vicinity.
3. Green belt development initiatives have been started and conocarpus plants have been planted which are well established at the time of inspection
4. There is a odai on the northern side of the quarry. However, the quarry operation shall be 50m away from the odai.
5. The odai has been restored from the point of commencement of lease area by the proponent where he has the right to undertake the activity. He has restored the odai to a distance of more than 200 m which is sufficient enough to drain the water to the adjacent kanmai.
6. There is a small village temple about 75 m from the quarry on the western side. However, on enquiry with the local villagers, it was observed that the village people visit the temple hardly for 5- 6 days in a year.
7. As per the proposal there is very minimal / occasional blasting activity required for mining this quarry and only diamond wire saw cutting will be used.


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Recommendations:

1. The proponent has adhered to the basic conditions including fencing, green belt development and safety distance from the proposed odai.
2. Since there is very minimal blasting in this quarry, the proximity of the quarry near the temple is not going to affect the normal activity of the villagers.
3. Moreover, since the activity near temple is hardly going to be for 5 – 6 days in a year, the quarrying activity will not be a disturbance to the community.
4. Moreover, blasting, if any, to be done can be taken up only when there is no gathering in the temple. This can be put as a condition to the proponent.
5. The odai has been restored as advised by earlier SEAC committee observations and smooth passage of rainwater has been ensured around the proposed quarry
6. With these observations at the backdrop, the subcommittee recommends that EC may be granted to the proposed mine provided the proponent fulfils all the other laid down conditions applicable for EC clearance and granting of license

The proposal was again been placed in 309th SEAC meeting held on 2.09.2022. Based on the recommendations of the sub-committee and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for below quantity


Year	ROM in m ³	Multi Colour Granite 30% Recovery in	Granite Waste 70 % in m ³	Top Soil & Weathered Rock in m ³	Side Burden in m ³
I			-	4,092	-
	5,400	1,620	3,780		
	5,400	1,620	3,780		-
II				3,906	-
	5,670	1,701	3,969		-
	5,670	1,701	3,969		-
III					-
	5,670	1,701	3,969	3,906	-
	5,670	1,701	3,969		-
IV	5,940	1,782	4,158		
	5,940	1,782	4,158	-	-
V	5,940	1,782	4,158		-
	5,940	1,782	4,158	-	-


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subject to the 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. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
4. 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.
5. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
6. 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.


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7. 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.
8. 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.
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.
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 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.
13. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the

boundary of the project site with at least 3 meters wide and in between blocks in an organized manner

14. Noise and Vibration Related: (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. 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.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
19. 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.
20. 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.
21. 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.

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 MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skilful, 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.
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 Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

29. 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.

30. The Project proponent has proposed CER cost as Rs. 5 lakhs and the amount shall be spent for the committed activities, before obtaining CTO from TNPCB.

Agenda No: 309 - TA-09

(File No: 9403/2022)

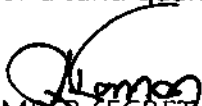
Proposed Sand quarry over an extent of 4.98.0 Ha in Vaippar river located at S.F.Nos. 144(P), Perilovanpatti village, Ettayapuram Taluk, Thoothukkudi District, Tamil Nadu, by the Executive Engineer, PWD/WRD— For Environmental Clearance. (SIA/TN/MIN/282664/2022 Dt. 09.07.2022)

The proposal was placed for appraisal in this 309th SEAC Meeting held on 02.09.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Executive Engineer, PWD/WRD, has applied for Environmental Clearance for the Proposed Sand quarry over an extent of 4.98.0 Ha in Vaippar river located at S.F.Nos. 144(P), Perilovanpatti village, Ettayapuram Taluk, Thoothukkudi District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1(a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is one year and the mining plan for the period of One year & mining quantity should not exceed 51,954 cu.m. of sand. The ultimate depth 1 metres below bed level.
4. Earlier the proposal was placed in 301st SEAC meeting held on 06.08.2022. Based on presentation & documents furnished by the PP, SEAC decided to carry out onsite inspection by the Sub Committee constituted by SEAC to assess the present Environmental Condition. On receipt of the Sub Committee report further deliberation will be done.

Based on the above, The State Expert Appraisal Committee (SEAC) Tamil Nadu constituted a sub committee vide its Lr.No.SEAC/TN/Site Inspection/2022, dt.06.08.2022 to inspect and study the field condition for the proposal seeking EC for a sand quarry proposed at Perilovanpatti Village in SF No. 144(P) Ettayapuram


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Taluk, Thoothukudi District. The Committee comprises of Thiru. K.Kumar, member SEAC.

As per the above letter the sub-committee visited the site on 09.08.2022. The observations made in the field and recommendation derived on the basis of the field visit are as below:

3.1 Proponent team:

The following officials of WRD participated and facilitated the field inspection:

1. Er.R.V. Ravichandran, AEE/Mining & Monitoring Sub division, Thoothukudi
2. Er. M. Sangeetha, AE/Mining & Monitoring section-II, Thoothukudi
3. Er. M. Athi Nathan, AE/ Mining & Monitoring section, Thoothukudi.

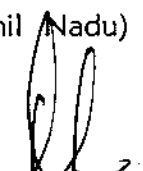
4.0 Observations:

- Proposed sand quarry is located on the Southern side of the Perilovanpatti Village in SF. No.144 (P) in the river bed of Vaippar.
- The dimension of the proposed sand quarry is 249m in length and 200m in width.
- It is located about 2.9 km downstream of Nambipuram Anicut and 1.8 km upstream of Kalkumi Check Dam.
- Gulf of Manar a lies 28.96km to the Southeastern direction of proposed sand quarry site.
- The sand at the proposed site is replenished well and sand is deposited above the bed level (Theoretical bed level +28.533m).
- It was informed by the WRD officials that a temporary road with bio-degradable material will be formed along the banks of river to transport the sand to the yard.
- The Perilovanpatti Sand Quarry site is proposed on right side (deposition side) bed of Vaippar river. It helps to regulate the flood water to flow freely to avoid further meandering on leftside (erosion side).

5.0 Recommendations:

- The following recommendations of the Enforcement & Monitoring Guidelines for Sand Mining, 2020 of the MoEFCC, Government of India (Annexure VIII Salient provision for sand mining in the state of Tamil Nadu) can be implemented.


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"To monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months".

- In this endeavour, Groundwater Wing of the Water Resources Department may be engaged.
- As per Rule 36 of the Tamil Nadu Minor Mineral Concession Rules 1956, no sand quarry should be allowed within 500m radial distance from the location of any bridge, water supply system, infiltration well or pumping installation.
- In as much as within 500 meter on either side no such structures or installation are available, the mining of sand at the proposed sand quarry in SF No.144 (P) of Perilovanpatti village, Ettayapuram Taluk, Thoothukudi District .

In view of the above, it is submitted and recommended that the grant of environmental clearance for the proposed sand quarry covering the lease over an extent of 4.98.0 Hectare in S.F. NO:144 (P) at Perilovanpatti village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu may be considered.

The proposal has again been placed in 309th SEAC meeting held on 02.09.2022. Based on the recommendations of the sub-committee and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the 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. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 4.98.0 Ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.


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4. The depth of sand quarrying shall be restricted to 1 m from the theoretical bed level.
5. A study shall be carried out on sustainable sand mining in regard to how sustainable is the proposed sand mining along with continuous collection of replenishment data for all the seasons of every year as per Enforcement & Monitoring Guidelines for Sand Mining, 2020 considering impact of sand mining on replenishment of sand and impact of sand mining on ground water table/infiltration wells around the proposed mining lease area by the reputed academic institutions like Anna University, Chennai and IIT, Madras.
6. The project proponent shall monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and new piezometers must be installed at all sand quarry sites. Monitoring of Ground Water Quality in the vicinity (one Km radius from the sand quarrying site) shall be carried out once in two months by engaging Groundwater Wing of the Water Resources Department.
7. An interdisciplinary team consisting of hydrogeologists, soil scientists, PWD engineers, TWAD Board engineers, and officials may be formed. It can conduct a scientific study to decide the distance or a range of distance that should be maintained between a sand quarry and infiltration and collection wells.
8. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
9. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.
10. The mining area must be demarcated leaving at least 50m from the river embankment on either side.
11. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining.
12. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.


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13. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels.
14. The entire sand mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
15. If the agricultural activities (or) thick greeneries are being carried out around all the sand mining projects, the mining operation should not affect the greeneries (or) agricultural activities as well as it should not lead to depletion of water in the open wells located nearby.
16. The approach road and loading of the sand in the vehicles, movement of the vehicle should be planned and implemented in such a way that there is no noise and dust pollution in the nearby habitation. We recommend that PWD should maintain at least a safe distance of 300m from the habitations while planning the approach road and the loading operation. Wherever necessary and near the habitation in particular dust suppression measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.
17. The pathway used by all machineries should be properly constructed and maintained by the PWD in order to avoid pollution.
18. The mining operation should be above the ground water table.
19. Adequate statutory manpower to be deployed for complying with the provisions to use heavy machineries as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
20. The Proponent shall provide Provision of bio-toilet to be ensured and confirmed.
21. During the sand mining work, appropriate progressive mine closure activities must be implemented to restore the river bed to its original status for ensuring the free flow.


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ANNEXURE-I

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


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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, Tamilnadu.

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 escapements 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 other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if


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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.

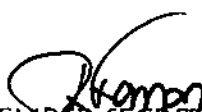
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
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.

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22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The mining lease holders 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 which is fit for growth of fodder, flora, fauna etc.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the **Appendix – II** of this minute.


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Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	ஷில்வம்
2	<i>Adenanthera pavonina</i>	Marjadi	மஞ்சாடி ஆனனக்குன்றம்
3	<i>Albizia lebbek</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathi	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon swietenia</i>	Purasamaram	புரசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Marjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவுளி
18	<i>Cretova adansoni</i>	Mavalingum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sibruzha	சீரு உசா
21	<i>Diospyro ebenum</i>	Karungali	கருங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallichi	கல் இச்சி
24	<i>Hibiscus tiliaceon</i>	Aatrupoovarasu	ஆற்றுப்புலக
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயா மரம், ஆயில்
27	<i>Lamnea coromandelica</i>	Odhiam	ஒதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	வில்லா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	சுரம்பா, பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Minusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

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40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunna	நறு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vernangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பூவு
47	<i>Puthranjiva roxburghii</i>	Karipala	கற்பாலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புங்கன் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxdomic</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தான் கொட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தான்றி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsura trifoliata</i>	valsura	வால்கரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாளை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்பளி


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Appendix –II

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

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SE AA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி	குவாரியின் எல்லைவயச் சுற்றி வேலி அமைக்க வேண்டும்.
மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுரங்கப்பாடையின் ஆழம் தளமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	சுற்றுநிலை மாடு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு	வாகனங்கள் செல்லும் பாதையில் மாடு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக
பராமரிக்கப்படவேண்டிய மரங்கள்	தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லைவயச் சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுறிகள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிபிபிஎல் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு க்காதாழுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலைவயச் தொடர்ந்து நன்கு பாாமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆலியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும் மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்கள்க்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டான அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாடு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.	

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