

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 232th State Expert Appraisal Committee (SEAC) held on 15th September 2021 (WEDNESDAY) at SEIAA Conference hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Mining Projects through video conference.

Agenda No: 232-01

(File No:6214/2018)

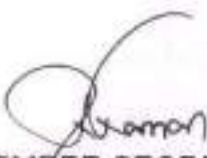
Proposed Limestone Mine quarry lease over an extent of 4.75.0Ha at S.F.Nos. 17/1A, 18/2A(P), 18/2B(P) & 18/2C, 19/1A(P), 19/1C(P) & 20/1 of Vayalapadi Village, Kunnam Taluk, Perambalur District, Tamil Nadu by M/s. Sathammai Chemical Pvt Ltd - For Environmental Clearance (Under Vioation).

(SIA/TN/MIN/62523/2018,dated: 06.04.2021)

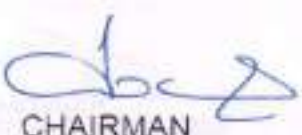
The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Sathammai Chemical Pvt Ltd, has applied for Environmental Clearance (Under Violation) for the proposed Limestone Mine quarry lease over an extent of 4.75.0Ha at S.F.Nos. 17/1A, 18/2A(P), 18/2B(P) & 18/2C, 19/1A(P), 19/1C(P) & 20/1 of Vayalapadi Village, Kunnam Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" (Under Violation) of Item 1(a)m "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The total quantity of limestone mined out after 15.01.2016 without prior environmental clearance is 37,270 Tonnes in which 9,130 Tonnes during (15.01.2016 to 31.03.2016) & 28,140 Tonnes (01.04.2016- 12.01.2017).
4. TOR issued by SEIAA-TN under violation vide Letter No. SEIAA-TN/F.No.6214/TOR-363/2018 dated 17.05.2018.
5. The minutes of public hearing conducted on 02.02.2021.


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6. The project proponent submitted EIA report to SEIAA-TN on 24.12.2020.
7. The production for the five years (2019 - 2020) to (2023-24) states that the total quantity of recoverable as Limestone should not exceed 253304 MT for ultimate depth of mining is 25m below ground level.

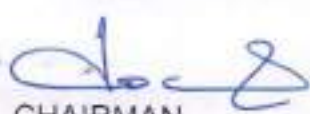
The proponent made a presentation on environment impact assessment report followed by EMP & CER proposals along with assessment of Ecological damage, Remediation plan and natural & community resource augmentation plan due to violation prepared by the NABET consultant as per the guidelines mentioned in the MoEF&CC Notifications dated 14.03.2017 and 08.03.2018. The extract from the report is as follows:

Ecological Damage Assessment:

S. No.	Ecological Damage Assessment	Remediation Plan	Amount (in Lakhs)
1.	Land Environment In the total ML area of 4.75.0 Ha, about 3.49.2 Ha is the effective Mining Area after leaving the prescribed safety barriers. Mechanized Opencast Quarrying, without Drilling and Blasting, is adopted with deployment of Rock Breaker. There will be no developmental work and thus, no generation of Overburden wastes. Hence, no Top Soil/OB Dump in the Lease Area. By keeping the same Production Quantity of 89,000 TPA, the entire quantity will be exploited in another 6.8 years. At Conceptual Stage, out of 4.750 Ha Mine Area, 3.492	Earthen bunds are to be strengthened along the boundaries to arrest wash-offs. Garland drains are to be constructed and maintained around the Lease. Periodical Maintenance of garland drains shall be done. Green Belt to be developed and maintained along the Lease boundaries and Safety Barriers. The mined out Pit shall be converted into a Water Reservoir to harvest Rain Water and to recharge the Ground Water-table in the vicinity.	1.35

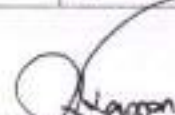

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	Ha will be the mine pit which will be left as Water Reservoir for harvesting the Rain Water. About 0.030 Ha will be under Roads. About 1.228 Ha (25.85% coverage) will be covered under Green Belt.	
2.	<p>Traffic due to Vehicular Movement</p> <p>ML-I will deploy 6 Tippers, 2 trips/day (one way) and ML-II will deploy 12 Tippers for 2 Trips/day (one way) to transport 260 TPD and 510 TPD Limestone from the Leases respectively.</p> <p>MDR-618 runs adjacent to the Leases which is the Mineral Transportation Route from the Mine to DCPL Cement Plant via Veppur-Kunnam NH-136 & Perambalur NH-38 for a Road Distance of 74 km.</p> <p>For assessing the baseline status, the Traffic Survey based on Indian Road Congress-IRC: 64/106 Norms were carried out at the Mines Area, Veppur Road Junction and Veppur-Kunnam NH-136 Junction during a Week Day (Wednesday; 05.02.2020) and also during the Week end (Sunday; 09.02.2020). Based on the Survey, the existing Traffic Volumes at the Junctions are computed in Passenger Car Units</p>	<p>Effective Green Belt with thick foliage has to be developed and maintained along the haul roads.</p> <p>Tippers are to be fully covered with Tarpaulin to avoid any spillage on transportation.</p> <p>No overloading of Tippers is allowed strictly.</p> <p>Safe Speed Limit has to be enforced and monitored continuously.</p> <p>Compliance to 'Pollution under Control' Certification has to be ensured for the Tippers.</p> <p>Restriction of Truck parking in the Public Road has to be implemented.</p> <p>Regular and preventive maintenance of transport vehicles has to be ensured.</p>



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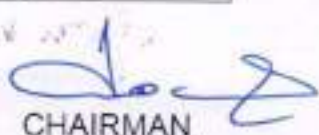

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	<p>(PCUs).</p> <p>The existing Traffic Volume at the Mines Area is 629.7 Passenger Car Units (PCU)/day and will be 796.9 PCU/day during Operation Phase of both Leases.</p> <p>There will be an addition 167.2 PCU/day at Veppur Junction (existing 876.9 PCU/day) and Kunnam-NH Junction (4,044.8 PCU/day) Junctions.</p> <p>The existing Roads are adequate to handle the proposed traffic volume due to the Project.</p>	
3.	<p>Air Environment</p> <p>The Mining, Loading and Transporting activities would generate both fugitive dust emissions and smoke from HEM</p> <p>Machineries/Equipments & Transporting Tippers.</p> <p>Accordingly, the computed values for various activities in both Leases are :</p> <p>Mineral Excavation : 1.57 x 10⁻⁶ g/sec</p> <p>Loading : 4.57 x 10⁻⁵ g/sec</p> <p>Haulage : 1.05 x 10⁻⁵ g/sec.</p> <p>AERMOD View Software is used for Predicting the maximum Ground Level Concentration (GLC) of the Pollutant PM₁₀ (as other Pollutant Levels are in insignificant levels) including</p>	<p>Water sprinkling on the Mining areas, loading point, haul roads, etc. has to be carried out.</p> <p>Covering of trucks/tippers with tarpaulin is to be done during the Mineral transportation.</p> <p>Over loading of Tippers is to be avoided to control the spillages during transportation.</p> <p>Periodical maintenance of quarrying equipments has to be carried out.</p> <p>Tippers are to be maintained periodically.</p> <p>Periodical check up of vehicles for 'Emission Under Control' Certificate is to be ensured.</p> <p>Effective Green Belt with thick foliage has to be developed along the</p>


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	<p>the Transportation Impact.</p> <p>The maximum incremental GLC of PM10 is found to be 0.60 ug/m³ due to the Leases operation and 2.14 ug/m³ due to the Transportation (Cumulative).</p> <p>The predicted value will not have any significant impact on the Air Environment. Adequate Buffer (67-69%) exist in the Air Environment for the proposed activity.</p>	<p>boundaries and maintained.</p> <p>Ambient Quality has to be periodically monitored in the Lease vicinity.</p> <p>The monitored data are to be periodically submitted as half-yearly Compliance Reports to SEIAA-TN & Regional Office, MoEF&CC, Chennai.</p>	
4.	<p>Noise Pollution</p> <p>There will be no Drilling and Blasting in the Mine. Excavation, Loading and Transportation activities are the sources of Noise. The noise levels due to the HEM operations would be maintained at <85 db(A) at a distance of 1.5 m from the sources for 8-hours exposure.</p> <p>Ambient Noise level at the boundaries would be maintained <55 dB(A) during day times and <45 dB(A) during night times, well within the MoEF&CC Norms for Residential and Rural Areas.</p>	<p>Deploying HEM equipments will be with in-built acoustic mechanism for reducing noise.</p> <p>Provision of silencers is to made to control the noise generated by the machines.</p> <p>Provision of ear muffs/ear plugs are to be provided the Workers in higher noise zones.</p> <p>Effective Green Belt with thick foliage has to be developed and maintained along the lease boundary to act as acoustic barriers.</p> <p>Ambient as well as Workzone Noise Levels have to be periodically monitored and the Reports submitted to the Authorities.</p>	
5.	<p>Water Environment</p> <p>Impact on Surface Waters : As per Micro Watershed Atlas of India, the Lease Area falls in Micro Watershed Map 4C1B2a4. There is a First Order Stream which</p>	<p>Earthen bunds are to be provided along the boundaries to arrest wash-offs.</p> <p>Garland drains are to be constructed around the</p>	



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<p>drains the Watershed Area and joins Chinnar River. The ML Areas have the MDR as Northern Boundary and other areas are surrounded by Dry Agricultural Lands. There is no Mine Pit Water Discharge and the natural Drain Course from the Mine vicinity reaches to Chinnar River only. Thus, there will not be any impact on the Surface Waters due to the Mines.</p> <p>Impact on Ground Waters : As per TWAD Data, 70 year Normal Rainfall of Ariyalur Rain Gauge Station is 875 mm. Surface Runoffs from the ML Areas is estimated as per Manual of Artificial Recharge of Ground Water (CGWB, 2007). About 14,560 KL/Year is the Pre-Project Runoff and 61,285 KL/Year is the Post Project Runoffs. About 1,825 KL/Year is utilized as Raw Water for the Mines. The Balance Quantity of 46,725 KL/Year is recharging the Ground Water-table in the Mines vicinity. Also, there will be no Ground Water-table Intersection due to the Mining.</p>	<p>Lease.</p> <p>Settling Pond has to be provided to the Garland Drains, to settle the Suspended Solids, before letting into the natural drains. Periodical Maintenance of garland drains shall be done. Green Belt shall be developed and maintained along the Lease boundaries and Safety Barriers.</p> <p>The Mined out area will be converted into a Water Reservoir to recharge the Ground Water-table in the vicinity.</p> <p>Water Quality has to be periodically monitored in the Lease vicinity.</p> <p>The monitored data are to be periodically submitted as half-yearly Compliance Reports to SEIAA-TN & Regional Office, MoEF&CC, Chennai.</p>	
Total Amount		1.35

Natural Resource Augmentation Plan:

S. No.	Natural Resource Augmentation Activities	Amount(in Lakhs)
1.	Effective Green Belt developed has to be developed and	


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maintained with good Survival Rate till Conceptual Stage. Native species will be preferred for the Green Belt development. Total Green Belt Area will be 1.813 Ha (21.79% Coverage) in total 8.32 Ha.	0.60
Total Amount	0.60


Community Augmentation Plan:

S. No.	Community Augmentation Activities	Amount(in Lakhs)
1.	In responses to the need based assessment study, the following measures are proposed for the society : Joining Hands with District Administration in implementing Govt. Schemes and local developments. Committed for Infrastructure Facility in the Region. Financial support to Govt. Schools. Provision of medical facilities for the villages. Contribution to Education in the area. Carrying out various welfare activities for the benefit of the local population.	0.70
2.	Occupational Health Surveillance Programme is to be carried out for all the Employees periodically with the following tests: Lung function test,ECG,Chest X-ray,Blood analysis test Urine analysis test,Audiometry,Checking colour blindness Stool Analysis,Sputum (Optional). All employees are to undergo Medical Check-up on recruitment and periodically during employment. Maintenance of Pre, during & Post Employment Records are to be kept for periodical review. Required Personal Protective Equipments for the employees are to be provided. Provision of ergonomically designed seats for drivers/operators has to be ensured.	
	Total Amount	0.70

Corporate Environmental Responsibility:

S.No.	Corporate Environmental Responsibility Activities	Amount(in Lakhs)
1.	Safe Drinking Water. Promotion of Education. Promotion of Healthcare including Preventive Healthcare. Rural Development Projects.	2


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Total Fund allocated for Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation plan is **Rs. 2.65 Lacs.**

Also, the SEAC observed that the Director of Geology and Mines department vide demand notice Lr. No.Rc.No.70/2019/mines Dt:26.08.2019, has levied a fine of Rs.1,62,39,600/- for quarrying limestone of 37,270 MT for the period of 15.01.2016 & 12.01.2017 without prior Environmental Clearance. In this regard, the proponent has remitted the said fine vide Challan No.33 Dt: 26.08.2021(submitted receipt of fine remitted).

In view of the above and based on the presentation and document furnished by the project proponent for the Ecological damage, remediation plan and natural & community resource augmentation plan, has been accepted by the SEAC. Since this project comes under violation category, a sub-committee needs to visit the site and report to SEAC before final approval.

Agenda No: 232-02

(File No: 6211/2018)


Existing Limestone quarry lease area over an extent of 3.57.0Ha at S.F.No: 14/3A(P), 14/3B(P), 15/1A(P), 15/1B(P), 18/3A, 18/3B & 18/3C of Vayalapadi Village, Kunnam Taluk, Perambalur District Tamil Nadu by M/s. Samayapuram Vel Industries Private Ltd – For Environmental Clearance (Under Violation).

(SIA/TN/MIN/27615/2018, dated:02.04.2021)

The proposal was placed for appraisal in this 217th meeting of SEAC held on 06.07.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Samayapuram Vel Industries Private Ltd, has applied for Environmental Clearance (Under Violation) for the Existing Limestone quarry over an extent of 3.57.0Ha at S.F.Nos. 14/3A(P), 14/3B(P), 15/1A(P), 15/1B(P), 18/3A, 18/3B & 18/3C of Vayalapadi Village, Kunnam Taluk, Perambalur District, Tamil Nadu.


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2. The project/activity is covered under Category "B1" (Under Violation) of Item 1(a) "Mining & Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. ToR was Issued by SEIAA-TN vide Letter No. SEIAA-TN/F.No.6211/TOR-358/2018 Dated: 17.05.2018.
4. ToR amendment was issued by SEIAA-TN vide Letter No. SEIAA-TN/F – 6211/SEAC-CXVIII/TOR-358(A)/2018 Dt.30.07.2018
5. Public hearing conducted on 02.02.2021
6. Project proponent submitted EIA report to SEIAA-TN on 09.05.2021. The production for the five years (2018-19 to 2022-23) states that the total quantity of recoverable as 1,91,884 Tonnes of Limestone should not exceed for the ultimate depth of mining is 26m below ground level.

On initial discussion, SEAC noted that only the project proponent attended the meeting, the EIA co-coordinator has not attended the meeting, hence the committee has not taken up the project for appraisal, and the proposal is deferred.

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021.

The proponent made presentation on environment impact assessment report followed by EMP & CER proposals along with assessment of Ecological damage, Remediation plan and natural & community resource augmentation plan due to violation prepared by the NABET consultant as per the guidelines mentioned in the MoEF&CC Notifications dated 14.03.2017 and 08.03.2018. The extract from the report is as follows:


Ecological Damage Assessment:

S. No.	Ecological Damage Assessment	Remediation Plan	Amount (in Lakhs)
1	Land Environment In the total ML area of 3.57.0 Ha, about 3.22.0 Ha is the effective Mining Area after leaving the prescribed safety	Earthen bunds are to be strengthened along the boundaries to arrest wash-offs. Garland drains are to be	


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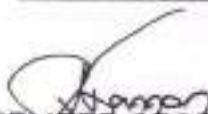
	<p>barriers.</p> <p>Mechanized Opencast Quarrying, without Drilling and Blasting, is adopted with deployment of Rock Breaker. There will be no developmental work and thus, no generation of Overburden wastes. Hence, no Top Soil/OB Dump in the Lease Area.</p> <p>By keeping the same Production Quantity of 45,000 TPA, the entire quantity will be exploited in another 12.6 years.</p> <p>At Conceptual Stage, out of 3.570 Ha Mine Area, 3.220 Ha will be the mine pit which will be left as Water Reservoir for harvesting the Rain Water. About 0.020 Ha will be under Roads. About 0.300 Ha (8.4% coverage) will be covered under Green Belt.</p>	<p>constructed and maintained around the Lease.</p> <p>Periodical Maintenance of garland drains shall be done. Green Belt to be developed and maintained along the Lease boundaries and Safety Barriers.</p> <p>The mined out Pit shall be converted into a Water Reservoir to harvest Rain Water and to recharge the Ground Water-table in the vicinity.</p>	1.35
2	<p>Traffic due vehicular movement</p> <p>ML-I will deploy 6 Tippers, 2 trips/day (one way) and ML-II will deploy 12 Tippers for 2 Trips/day (one way) to transport 260 TPD and 510 TPD Limestone from the Leases respectively.</p> <p>MDR-618 runs adjacent to the Leases which is the Mineral Transportation Route from the Mine to DCPL Cement Plant via Veppur-Kunnam NH-136 &</p>	<p>Effective Green Belt with thick foliage has to be developed and maintained along the haul roads.</p> <p>Tippers are to be fully covered with Tarpaulin to avoid any spillage on transportation.</p> <p>No overloading of Tippers is allowed strictly.</p> <p>Safe Speed Limit has to be enforced and monitored continuously.</p> <p>Compliance to 'Pollution under Control' Certification</p>	


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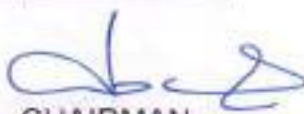
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<p>Perambalur NH-38 for a Road Distance of 74 km.</p> <p>For assessing the baseline status, the Traffic Survey based on Indian Road Congress-IRC: 64/106 Norms were carried out at the Mines Area, Veppur Road Junction and Veppur-Kunnam NH-136 Junction during a Week Day (Wednesday; 05.02.2020) and also during the Week end (Sunday; 09.02.2020). Based on the Survey, the existing Traffic Volumes at the Junctions are computed in Passenger Car Units (PCUs) and given.</p> <p>The existing Traffic Volume at the Mines Area is 629.7 Passenger Car Units (PCU)/day and will be 796.9 PCU/day during Operation Phase of both Leases.</p> <p>There will be an addition 167.2 PCU/day at Veppur Junction (existing 876.9 PCU/day) and Kunnam-NH Junction (4,044.8 PCU/day) Junctions.</p> <p>The existing Roads are adequate to handle the proposed traffic volume due to the Project.</p>	<p>has to be ensured for the Tippers.</p> <p>Restriction of Truck parking in the Public Road has to be implemented.</p> <p>Regular and preventive maintenance of transport vehicles has to be ensured.</p>	
<p>3 Air Environment</p> <p>The Mining, Loading and Transporting activities would generate both fugitive dust emissions and smoke from HEM</p>	<p>Water sprinkling on the Mining areas, loading point, haul roads, etc. has to be carried out.</p> <p>Covering of trucks/tippers with tarpaulin is to be done</p>	



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	<p>Machineries/Equipments & Transporting Tippers.</p> <p>Accordingly, the computed values for various activities in both Leases are :</p> <p>Mineral Excavation : 1.57 x 10⁻⁶ g/sec</p> <p>Loading : 4.57 x 10⁻⁵ g/sec</p> <p>Haulage : 1.05 x 10⁻⁵ g/sec.</p> <p>AERMOD View Software is used for Predicting the maximum Ground Level Concentration (GLC) of the Pollutant PM₁₀ (as other Pollutant Levels are in insignificant levels) including the Transportation Impact.</p> <p>The maximum incremental GLC of PM₁₀ is found to be 0.60 ug/m³ due to the Leases operation and 2.14 ug/m³ due to the Transportation (Cumulative).</p> <p>The predicted value will not have any significant impact on the Air Environment. Adequate Buffer (67-69%) exist in the Air Environment for the proposed activity.</p>	<p>during the Mineral transportation.</p> <p>Over loading of Tippers is to be avoided to control the spillages during transportation.</p> <p>Periodical maintenance of quarrying equipments has to be carried out.</p> <p>Tippers are to be maintained periodically.</p> <p>Periodical check up of vehicles for 'Emission Under Control' Certificate is to be ensured.</p> <p>Effective Green Belt with thick foliage has to be developed along the boundaries and maintained.</p> <p>Ambient Quality has to be periodically monitored in the Lease vicinity.</p> <p>The monitored data are to be periodically submitted as half-yearly Compliance Reports to SEIAA-TN & Regional Office, MoEF&CC, Chennai.</p>	
4	<p>Noise Pollution</p> <p>There will be no Drilling and Blasting in the Mine. Excavation, Loading and Transportation activities are the sources of Noise. The noise levels due to the HEM operations would be maintained at <85 db(A) at a distance of 1.5 m from the</p>	<p>Deploying HEM equipments will be with in-built acoustic mechanism for reducing noise.</p> <p>Provision of silencers is to made to control the noise generated by the machines.</p> <p>Provision of ear muffs/ear plugs are to be provided the Workers in higher noise</p>	


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	<p>sources for 8-hours exposure.</p> <p>Ambient Noise level at the boundaries would be maintained <55 dB(A) during day times and <45 dB(A) during night times, well within the MoEF&CC Norms for Residential and Rural Areas.</p>	<p>zones.</p> <p>Effective Green Belt with thick foliage has to be developed and maintained along the lease boundary to act as acoustic barriers.</p> <p>Ambient as well as Workzone Noise Levels have to be periodically monitored and the Reports submitted to the Authorities.</p>	
5	<p>Water Environment</p> <p>Impact on Surface Waters : As per Micro Watershed Atlas of India, the Lease Area falls in Micro Watershed Map 4C1B2a4. There is a First Order Stream which drains the Watershed Area and joins Chinnar River. The ML Areas have the MDR as Northern Boundary and other areas are surrounded by Dry Agricultural Lands. There is no Mine Pit Water Discharge and the natural Drain Course from the Mine vicinity reaches to Chinnar River only. Thus, there will not be any impact on the Surface Waters due to the Mines.</p> <p>Impact on Ground Waters : As per TWAD Data, 70 year Normal Rainfall of Ariyalur Rain Gauge Station is 875 mm. Surface Runoffs from the ML Areas is estimated as per Manual of Artificial Recharge of Ground Water (CGWB, 2007). About 14,560 KL/Year is the Pre-Project</p>	<p>Earthen bunds are to be provided along the boundaries to arrest wash-offs.</p> <p>Garland drains are to be constructed around the Lease.</p> <p>Settling Pond has to be provided to the Garland Drains, to settle the Suspended Solids, before letting into the natural drains.</p> <p>Periodical Maintenance of garland drains shall be done.</p> <p>Green Belt shall be developed and maintained along the Lease boundaries and Safety Barriers.</p> <p>The Mined out area will be converted into a Water Reservoir to recharge the Ground Water-table in the vicinity.</p> <p>Water Quality has to be periodically monitored in the Lease vicinity.</p> <p>The monitored data are to be periodically submitted as half-yearly Compliance Reports to SEIAA-TN & Regional Office.</p>	


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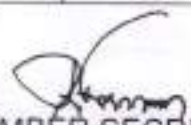
Runoff and 61,285 KL/Year is the Post Project Runoffs. About 1,825 KL/Year is utilized as Raw Water for the Mines. The Balance Quantity of 46,725 KL/Year is recharging the Ground Water-table in the Mines vicinity. Also, there will be no Ground Water-table Intersection due to the Mining.	MoEF&CC, Chennai.	
Total Amount		1.35

Natural Resource Augmentation Plan:

S. No.	Natural Resource Augmentation Activities	Amount(in Lakhs)
1.	Effective Green Belt developed has to be developed and maintained with good Survival Rate till Conceptual Stage. Native species will be preferred for the Green Belt development. Total Green Belt Area will be 1.813 Ha (21.79% Coverage) in total 8.32 Ha.	0.60
Total Amount		0.60

Community Augmentation Plan:

S. No.	Community Augmentation Activities	Amount(in Lakhs)
1.	In responses to the need based assessment study, the following measures are proposed for the society : Joining Hands with District Administration in implementing Govt. Schemes and local developments. Committed for Infrastructure Facility in the Region. Financial support to Govt. Schools. Provision of medical facilities for the villages. Contribution to Education in the area.	0.35


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	Carrying out various welfare activities for the benefit of the local population.	
2.	Occupational Health Surveillance Programme is to be carried out for all the Employees periodically with the following tests: Lung function test,ECG,Chest X-ray,Blood analysis test Urine analysis test,Audiometry,Checking colour blindness Stool Analysis,Sputum (Optional). All employees are to undergo Medical Check-up on recruitment and periodically during employment. Maintenance of Pre, during & Post Employment Records are to be kept for periodical review. Required Personal Protective Equipments for the employees are to be provided. Provision of ergonomically designed seats for drivers/operators has to be ensured.	
Total Amount		0.35

Corporate Environmental Responsibility:

S.No.	Corporate Environmental Responsibility Activities	Amount(in Lakhs)
1.	Safe Drinking Water. Promotion of Education. Promotion of Healthcare including Preventive Healthcare. Rural Development Projects.	2

Total Fund allocated for Ecological remediation, Natural Resource Augmentation and Community Resource Augmentation plan is **Rs. 2.30 Lacs.**

Also, the SEAC observed that the Director of Geology and Mines department vide Demand Notice Lr.No.Rc.No.70/2019/mines Dt:26.08.2019, has levied a fine of Rs.1,60,26,400/- for quarrying limestone of 37,340 MT for the period of 15.01.2016 & 17.01.2017 without prior Environmental Clearance. In this regard, the proponent has remitted the said fine vide Challan No.34 Dt: 26.08.2021 (submitted receipt of fine remitted).

In view of the above and based on the presentation and document furnished by the project proponent for the Ecological damage, remediation plan and natural & community resource augmentation plan, has been accepted by the SEAC. Since this project comes


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under violation category, a sub-committee needs to visit the site and report to SEAC before final approval.

Agenda No: 232- 03

(File No: 8097/2020)

Proposed Rough stone & Gravel quarry lease area over an extent of 1.66.0Ha at S.F.Nos. 156/1 (P) of Velliraveli Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru. K.Sundaravel- For Environmental Clearance.

(SIA/TN/MIN/185721/2020, dated: 30.11.2020)

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.Sundaravel, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 1.66.0Ha at S.F.Nos. 156/1 (P) of Velliraveli Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five year period states that the total quantity of recoverable as 51,406 cu.m of Rough stone and the ultimate depth of mining is 22m.

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

1. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.


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3. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
4. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
5. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
6. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
7. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
9. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoent shall undertake re- grassing of 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.
11. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
12. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the


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- water body should be left vacant without any mining activity.
13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 15. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 16. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 17. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
 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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
 20. All the conditions imposed by the Deputy Director, Geology & Mining, Tiruppur District in the mining plan approval and the precise area communication issued by District Collector, Tiruppur District should be strictly followed.

Agenda No: 232-04

(File No: 8145/2021)

Proposed Rough stone quarry lease area over an extent 1.45.0Ha at S.F.Nos. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District, Tamil Nadu by Thiru.N.Pandiyan - For Environmental Clearance.


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(SIA/TN/MIN/188130/2021, dated: 15.12.2020).

The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.N.Pandiyar, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent 1.45.0Ha at S.F.Nos. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of recoverable as 1,30,873cu.m of Rough stone and the ultimate depth of mining is 19m above ground level & 35 m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the tender allotted area bearing S.F.No. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District is 02.00 ha as per Govt. tender gazette but the precise area communication was issued to the proponent for the area of 01.45.0 ha. Hence, it is recommended that the SEIAA shall direct the proponent to furnish clarification to be obtained from the District Collector, Villupuram District in view of the above said reasons.

Agenda No: 232-05

(File No: 8155/2020)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.97.0Ha at S.F.Nos. 93/1(P) of Anaipakkam Village, Arakkonam Taluk, Ranipet District Tamil Nadu by Thiru. B.Gunasekaran - For Environmental Clearance.

(SIA/TN/MIN/189051/2020, dated: 21.12.2020).

The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Thiru. B.Gunasekaran, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 0.97.0Ha at S.F.Nos. 93/1(P) of Anaipakkam Village, Arakkonam Taluk, Ranipet District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 18,265cu.m of Rough Stone & 14,215cu.m of Gravel and the ultimate depth of mining is 20m below ground level.

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


1. Restricting the depth of mining to 15m ultimate depth and quantity of 16,690 cu.m of Rough stone & 14,215cu.m of Gravel are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
6. The proponent shall ensure that the Noise level is monitored during mining


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operation at the project site and adequate noise level reduction measures be undertaken.

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


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the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.

17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. 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.
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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
21. All the conditions imposed by the Deputy Director, Geology & Mining, Ranipet District in the mining plan approval and the precise area communication issued by District Collector, Ranipet District should be strictly followed.

Agenda No: 232-06

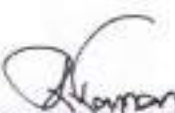
(File No: 8165/2021)

Proposed Multi colour Granite quarry lease area over an extent of 2.35.73Ha at S.F.Nos. 118/1A1, 118/1B, 118/2, 118/4A, 119/1, 129/1B, 129/5 & 156/10 of Alambadi Village, Gujilamparai Taluk, Dindigul District, Tamil Nadu by Tmt.Nama Umadevi

- For Terms of Reference.

(SIA/TN/MIN/65947/2021,dated: 23.07.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Tmt.Nama Umadevi, has applied for Terms of Reference for the proposed Multi colour Granite quarry lease area over an extent of 2.35.73Ha at S.F.Nos. 1670/1A1 (Part) of Gangaikondan Part-II Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of 60%recoverable as 30,000 cu.m of Multi colour Granite, 18090cu.m of Weathered rock& 22506 cu.m of Topsoil and the ultimate depth of mining is 29m below ground level.


Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) with Public Hearing, subject to the following ToR 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. A detailed study of the lithology of the mining lease area shall be furnished.
2. The Project Proponent shall conduct a detailed hydro-geological study to assess the impact considering the contour map of the ground 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 water levels for both monsoon and non-monsoon seasons from the PWD / TWAD.
3. The Proponent shall carry out the Cumulative impact study due to mining from all the mines on the environment in terms of air pollution, water pollution, & health impacts, accordingly the Environment Management plan should be prepared.
4. The Socio-economic studies should be carried out within a 10 km buffer zone from the mines,

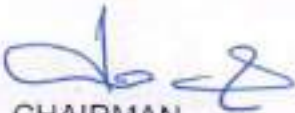

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5. A tree survey study shall be carried out (nos., name of the species, age etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
6. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality, & flora/fauna including traffic/vehicular movement study to assess the cumulative impact of the proposed project on the environment and in order to propose Environment management plan including CER activities proposed with implementation and cost estimation details, considering the requirement raised during public hearing by the local habitants in regard to as per Office Memorandum of MoEF & CC accordingly.
7. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity.
8. A detailed mining closure plan for the proposed project shall be submitted.
9. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining for drilling and blasting shall be submitted.
10. The ambient silica analysis needs to be carried out once in six months and report the same to SEIAA.
11. The recommendation for the issue of "Terms of Reference" is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).
12. The project proponent shall furnish the details of the existing Green belt area earmarked with GPS coordinates and list of trees planted/to be planted with a copy of photos/documents of the existing green belt, and be included in the EIA Report.


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13. The project proponent should provide a detailed plan regarding the green belt area surrounding the mining area at least with a width of 3m.

Agenda No: 232-07

(File No: 8176/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 1.07.75Ha at S.F.Nos. 422/2 & 426/1 of Vazhukkuparai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru.N.Jayakumar - For Environmental Clearance.

(SIA/TN/MIN/188692/2020,dated: 18.12.2020).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.N.Jayakumar, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.07.75Ha at S.F.Nos. 422/2 & 426/1 of Vazhukkuparai Village, Madukkarai Taluk, Coimbatore District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 61,300cu.m of Rough Stone & 16,245cu.m of Gravel and the ultimate depth of mining is 33 m below ground level.


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

1. Restricting the depth of mining to 28m ultimate depth and quantity of 60,640 cu.m of Rough stone & 16,245 cu.m of Gravel are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.



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2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
9. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
12. Proper barrier to reduce noise level, dust pollution and to hold down any


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- possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
 14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 18. 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.
 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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
 21. All the conditions imposed by the Deputy Director, Geology & Mining, Coimbatore District in the mining plan approval and the precise area communication issued by District Collector, Coimbatore District should be strictly followed.

Agenda No: 232-08


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(File No: 8180/2020)

Proposed Rough Stone quarry lease area over an extent of 2.89.5Ha at S.F.Nos. 29/1, 29/3 (Part), 29/4 (Part), 33/1 (Part) & 33/2 (Part) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru.C.K.Ravichandran - For Environmental Clearance.

(SIA/TN/MIN/190251/2020, dated: 28.12.2020).


The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.C.K.Ravichandran, has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of 2.89.5Ha at S.F.Nos. 29/1, 29/3 (Part), 29/4 (Part), 33/1 (Part) & 33/2 (Part) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 5,65,815 cu.m of Rough Stone & 23,715cu.m of Topsoil and the ultimate depth of mining is 46m below ground level.

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

1. Restricting the depth of mining to 36m ultimate depth and quantity of 5,14,810cu.m of Rough stone are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.


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3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
9. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.

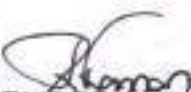

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13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. 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.
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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
21. All the conditions imposed by the Deputy Director, Geology & Mining, Perambalur District in the mining plan approval and the precise area communication issued by District Collector, Perambalur District should be strictly followed.

Agenda No:232-09

(FileNo: 8211/2021)


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Proposed Red Soil quarry lease over an extent of 1.52.0Ha at S.F.Nos. 228/1 of Iruveli Village, Kadaladi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.T.Selvalingam - For Environmental Clearance (SIA/TN/MIN/191179/2021, dated: 04.01.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Selvalingam, has applied for Environmental Clearance for the proposed Red Soil quarry lease over an extent of 1.52.0Ha at S.F.Nos. 228/1 of Iruveli Village, Kadaladi Taluk, Ramanathapuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the one year states that the total quantity of recoverable as 11,523 cu.m of Red Soil and the ultimate depth of mining is 1m.

Based on the documents furnished and presentation made by the Proponent, the SEAC noted that there is an uncertainty of mining mineral in the proposed mining site whether it is Red Earth or Gravel.

After detailed discussion the committee noted the recent verdict of the Hon'ble Madurai Bench of Madras High Court order in WP (MD) No 20903 of 2016 in its order dated 12/02/2021 has ordered the following among other things, especially point no.59.

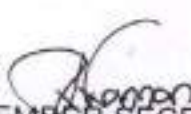
In view of the aforesaid discussion, this Court deems it to issue the following directions:

- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining a report from authorized lab. The Department of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*

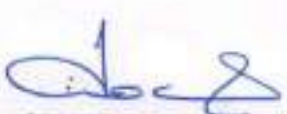

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- ii. *There shall not be any quarry operation in the name of colloquia lterms/local terms and any lease shall be in accordance with minerals notified under Section 3 of the MMDR Act.*
- iii. *A High Level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD, to conduct a detailed study/ survey on the possibility or the availability of the rivers and on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.*
- iv. *The Department of Geology and Mining, shall furnish the details of all the savudu quarries granted so far, in the State of TamilNadu, to this Court, within a period of eight weeks from the date of receipt of a copy of this order.*
- v. *The details of all the savudu quarries shall also be furnished to the High Level Committee and the High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of the High Level Committee ascertaining the availability of sand in the quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this Court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.*
- vi. *Any quarry operations shall be permitted only by way of lease agreement, as per Article 299 (I) of the Constitution of India.*
- vii. *The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme Court in Deepa Kumar's case, within a period of six months from the date of receipt of a copy of this order.*


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viii. Whenever, SEIAA clearance is required, it shall be done only after physical inspection by deputing an officer attached to SEIAA and depending upon the report, further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.

Inview of the above, SEAC directs the proponent to furnish clarification from AD, Geology & Mining whether it is red soil or any other (sand) based on the report on the composition of minerals for entire depth of mining issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

However, As per G.O. Ms. No.213, Industries (MMC.1), Dt: 03.09.2021 & as per Tamilnadu Government Gazette notification by Industries Department Dt: 03.09.2021(Amendments to the tamilnadu Minor Mineral Concession Rules, 1959 States the following

"44. Removal of earth for betterment of agricultural lands (1) Notwithstanding anything contained in rule 18 and sub-rule (2) of rule 19, extraction or removal of earth in ryotwari lands manually for improvement of agricultural lands or lands that are not suitable for cultivation purpose, for an optimum depth based on the topographical condition to be specified by the Assistant Director of Geology and Mining or Deputy Director of Geology and Mining, as the case may be, **not exceeding one-and-a-half metres shall not be treated as mining activity:**

Provided that such extraction of earth shall be carried out under a permit issued for a period not exceeding three months by the District Collector concerned;

Provided further that the soil excavated approximately upto 1 feet depth from the top may be used/replaced for improving the soil structure or fertility of lands where continuous cultivation is under taken for several decades without using organic manures and where soil nutrients got depleted which resulted in lesser yield;

Provided further that the soil extracted or removed beneath one feet depth not exceeding one-and-a-half metres may also be used for brick kilns, bedding material


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for soils that were disturbed by natural calamities including floods, etc., so that vegetation in those areas can be re-established:

Provided further that if the brick earth removed is transported to a registered brick kiln unit, the permit holder shall pay due seigniorage fee for the quantum of brick earth removed from the permitted area at the rate fixed in Appendix-II to these rules:

Provided further that the permit holder may use the earth so removed for own consumption, for betterment of his own land or for any other purpose:

Provided also that the permit holder shall not remove earth after expiry of the permit period."

Hence, SEIAA shall decide the applicability of the said Govt. Notification dt.03.09.2021. If not applicable for the said activity of the proponent, the SEIAA shall direct the proponent to furnish clarification from AD, Geology & Mining whether it is red soil or any other (sand) based on the report on the composition of minerals for entire depth of mining issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

Agenda No: 232-10

(File No: 8216/2021)


Proposed Rough Stone & Gravel quarry lease area over an extent of 0.97.5Ha at S.F.Nos. 154/1A (P) of Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru.M.Vijayakumar - For Environmental Clearance.

(SIA/TN/MIN/191076/2021,dated: 02.01.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.M.Vijayakumar, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an


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extent of 0.97.5Ha at S.F.Nos. 154/1A (P) of Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of recoverable as 38,230 cu.m of Rough Stone & 666cu.m Existing Gravel Dump and the ultimate depth of mining is 47m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC noted that there are habitations within the 300m radius of the proposed mine lease area as per Google image and the proponent has not erected the fencing & bench formation in the already minedout area Hence, SEAC directed the proponent to furnish letter from VAO regarding to 300m radius of the proposed mine lease area considering habitations, institutions, hospitals, religious centre etc and furnish the status of compliance of previous Environmental conditions obtained from EC letter or from DD, Geology & Mining, Tiruppur District, as the case may be, in regard to already minedout pit in the proposed mine lease area regarding greenbelt, fencing, bench formation, & safety distance between quarries, patta/agricultural lands, water bodies etc.

Agenda No: 232-11

(File No: 8232/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 2.18.50Ha at S.F.Nos. 582/1B, 602/1 & 603/1 of Magaral 'B' Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu by Thiru.P.Sankar - For Environmental Clearance.

(SIA/TN/MIN/192595/2021, dated: 12.01.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.P.Sankar, has applied for Environmental Clearance for the proposed Rough stone & Gravel lease area over an extent


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of 2.18.50Ha at S.F.Nos. 582/1B, 602/1 & 603/1 of Magaral 'B' Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 1,17,748cu.m of Rough Stone & 22,692cu.m of Gravel and the ultimate depth of mining is 15m below ground level.


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

1. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
2. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
3. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
4. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
5. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
6. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
7. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.


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8. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
9. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
10. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
11. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
12. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
13. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
14. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
15. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
16. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
17. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.


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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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
20. All the conditions imposed by the Deputy Director, Geology & Mining, Kancheepuram District in the mining plan approval and the precise area communication issued by District Collector, Kancheepuram District should be strictly followed.

Agenda No: 232-12

(File No: 8262/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.94.5Ha at S.F.Nos: 735/3B1 & 735/4A of Kosukundu Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Thiru.S.Subburam - For Environmental Clearance.

(SIA/TN/MIN/193970/2021, dated: 22.01.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Subburam, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 0.94.5Ha at S.F.Nos: 735/3B1 & 735/4A of Kosukundu Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 100403cu.m of Rough Stone & 8049cu.m of Gravel and the ultimate depth of mining is 35m below ground level.

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



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

1. Restricting the depth of mining to 30m ultimate depth and quantity of 92,873 cu.m of Rough stone & 8049cu.m of Gravel are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
6. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
7. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
8. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
9. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
10. After mining is completed, proper leveling should be done by the Project


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proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

11. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the propoent shall undertake re-grassing of 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.
12. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
13. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
14. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
15. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. 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.
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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated:


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30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.

21. All the conditions imposed by the Deputy Director, Geology & Mining, Virudhunagar District in the mining plan approval and the precise area communication issued by District Collector, Virudhunagar District should be strictly followed.

Agenda No: 232-13

(File No: 8266/2021)

Proposed Grey Granite quarry lease area over an extent 1.68.0Ha at S.F.Nos. 741/8B, 742/2 & 743/2 of Nagojanahalli Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by Thiru.D.Dhanapal - For Environmental Clearance.
(SIA/TN/MIN/194413/2021,dated: 23.01.2021).

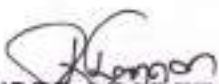
The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

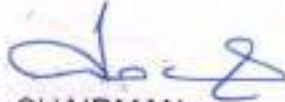
1. The project proponent, Thiru.D.Dhanapal, has applied for Environmental Clearance for the proposed Grey Granite quarry lease area over an extent 1.68.0Ha at S.F.Nos. 741/8B, 742/2 & 743/2 of Nagojanahalli Village, Pochampalli Taluk, Krishnagiri District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of 35% recoverable as 33,214 cu.m of Grey Granite and the ultimate depth of mining is 33m below ground level.

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

1. Restricting the depth of mining to 28m ultimate depth and quantity of 29,866


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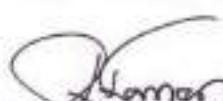
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- cu.m of grey granite are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
 3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
 4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
 5. The Ambient silica analysis needs to be carried out once in six months and report the same to TNPCB once in six months.
 6. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.
 7. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.
 8. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
 9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
 10. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
 11. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.


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12. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
13. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
14. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
15. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
16. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.
17. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
18. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
19. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
21. 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.


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22. 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.
23. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
24. All the conditions imposed by the Deputy Director, Geology & Mining, Krishnagiri District in the mining plan approval and the precise area communication issued by District Collector, Krishnagiri District should be strictly followed.

Agenda No: 232-14

(File No: 8282/2021)

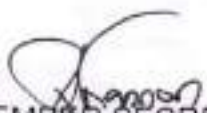
Proposed Multi colour Granite quarry lease area over an extent of 2.37.0Ha at S.F.Nos. 443/1A, 443/3A1, 443/3A2, 443/3A3, 443/3A4, 443/3A5, 445/1A, 445/1B, 445/1C, 445/2C, 445/2D & 445/2E of Kalugur Village, Kulithalai Taluk, Krishnagiri District, Tamil Nadu by Thiru.M.S.Premkumaar - For Environmental Clearance.

(SIA/TN/MIN/195710/2021, dated: 30.01.2021).

The proposal was placed for appraisal in this 232nd meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

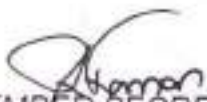
1. The project proponent, Thiru.M.S.Premkumaar, has applied for Environmental Clearance for the proposed Multi colour Granite quarry lease area over an extent of 2.37.0Ha at S.F.Nos. 443/1A, 443/3A1, 443/3A2, 443/3A3, 443/3A4, 443/3A5, 445/1A, 445/1B, 445/1C, 445/2C, 445/2D & 445/2E of Kalugur Village, Kulithalai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of 50% recoverable as 27264 cu.m of Multi colour Granite & 23950 cu.m of


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Weathered Rock and the ultimate depth of mining is 33m below ground level. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MOEF &CC:

1. Restricting the depth of mining to 18m ultimate depth and quantity of 16,311 cu.m of multi-colour granite & 23950 cu.m of Weathered Rock are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining. Also a seasonal odai is flowing in the nearby the vicinity.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. The Ambient silica analysis needs to be carried out once in six months and report the same to TNPCB once in six months.
6. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.
7. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.
8. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be

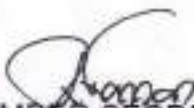

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undertaken.

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


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20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
21. 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.
22. 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.
23. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
24. All the conditions imposed by the Deputy Director, Geology & Mining, Krishnagiri District in the mining plan approval and the precise area communication issued by District Collector, Krishnagiri District should be strictly followed.

Agenda No: 232-15

(File No: 8283/2021)

Proposed Grey Granite quarry lease area over an extent of 2.49.5Ha at S.F.Nos. 274/2A2, 275/2B, 282/2A2, 281/4 and 281/3 of Veeramalai Village, Pochampalli Taluk, Krishnagiri District Tamil Nadu by Thiru.V.P.Arputham - For Environmental Clearance.

(SIA/TN/MIN/195414/2021, dated: 29.01.2021).

The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.V.P.Arputham, has applied for Environmental Clearance for the proposed Grey Granite quarry lease area over an extent of


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2.49.5Ha at S.F.Nos. 274/2A2, 275/2B, 282/2A2, 281/4 and 281/3 of Veeramalai Village, Pochampalli Taluk, Krishnagiri District Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of 20% recoverable as 13,584 cu.m of Grey Granite and the ultimate depth of mining is 12m below ground level.


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

1. The ultimate depth of mining 12m and quantity of 13584 cu.m of grey granite are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent as accepted the committee decision that the proponent shall not carryout quarrying operation in the existing tree cover area in the Western direction.
3. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
4. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
5. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
6. The Ambient silica analysis needs to be carried out once in six months and report the same to TNPCB once in six months.
7. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.


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8. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.
9. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
10. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
11. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
12. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
13. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
14. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
15. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
16. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
17. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body


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should be left vacant without any mining activity.


18. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
19. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
20. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
21. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
22. 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.
23. 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.
24. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
25. All the conditions imposed by the Deputy Director, Geology & Mining, Krishnagiri District in the mining plan approval and the precise area communication issued by District Collector, Krishnagiri District should be strictly followed.

Agenda No: 232-16

(File No: 8307/2021)

Proposed Rough stone quarry lease area over an extent of 2.00.0Ha at S.F.Nos. 419 (Part-5) of Vinnamangalam Village, Ambur Taluk, Vellore District, Tamil Nadu by Thiru.B.Satheeshkumar - For Environmental Clearance.

(SIA/TN/MIN/197041/2021, dated: 07.02.2021).


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The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.B.Satheeshkumar, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 2.00.0Ha at S.F.Nos. 419 (Part-5) of Vinnamangalam Village, Ambur Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 1,13,970 cu.m of Rough stone & 20,160 cu.m of Weathered rock and the ultimate depth of mining is 50m above ground level.

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


1. Restricting the depth of mining to 40m above ground level only and quantity of 1,09,620 cu.m of Rough stone & 20,160 cu.m of Weathered rock are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. Fugitive emission measurements should be carried out during the mining


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operation and the report on the same may be submitted to TNPCB once in six months.

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


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and regulations wherever applicable.

16. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
18. 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.
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. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
21. All the conditions imposed by the Deputy Director, Geology & Mining, Vellore District in the mining plan approval and the precise area communication issued by District Collector, Vellore District should be strictly followed.

Agenda No: 232-17

(File No: 8311/2021)

Proposed Calcite quarry lease area over an extent of 4.19.0Ha at S.F.Nos. 62/1B, 62/1C, 63/1, 63/2A, 63/2B, 63/2C, 63/2D, 63/3, 66/1A, 66/1B, 66/2A, 66/2B, 66/3, 67/3, 67/4 & 67/5C of T.Kokkulam Village, Kallikudi Taluk, Madurai District, Tamil Nadu by Thiru.N.Sundeeep Kumar - For Environmental Clearance.

(SIA/TN/MIN/196660/2021, dated: 05.02.2021).

The proposal was placed for appraisal in this 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:



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1. The project proponent, Thiru.N.Sundeeep Kumar, has applied for Environmental Clearance for the Calcite quarry lease area over an extent of 4.19.0Ha at S.F.Nos. 62/1B, 62/1C, 63/1, 63/2A, 63/2B, 63/2C, 63/2D, 63/3, 66/1A, 66/1B, 66/2A, 66/2B, 66/3, 67/3, 67/4 & 67/5C of T.Kokkulam Village, Kallikudi Taluk, Madurai District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the Five years states that the total quantity of 60% recoverable as 110838 cu.m of Calcite and the ultimate depth of mining is 12m below ground level.

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

1. The ultimate depth of mining 12m and quantity of 1,10,838 cu.m of Calcite are permitted for mining over five years considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining.
2. The proponent shall form proper benches as per the approved mining plan during the operation of the quarry considering the hydro-geological regime of the surrounding area as well as for safe mining.
3. The Proponent should install cautionary boards at the entry and important locations of the mining site displaying caution notice to the public about the danger of entering the mining lease.
4. The proponent shall conduct annual physical fitness test and eye test for all the employees to ensure health & safety during occupation.
5. The Ambient silica analysis needs to be carried out once in six months and report the same to TNPCB once in six months.
6. A detail report on the safety and health aspects of the workers and for the surrounding habitations during operation of mining shall be submitted to the AD, Dept. Of Geology & Mining of the concerned district once in a year.


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7. The proponent shall submit waste/reject handling and management /mode of disposal for the proposed mining activity shall be submitted to the AD, Dept. of Geology & Mining of the concerned district once in a year.
8. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to TNPCB once in six months.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures be undertaken.
10. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
11. Greenbelt needs to be developed in the periphery of the mines area preferably adopting Miyawaki scheme of atleast 3m width so that at the closure time the trees would have grown well.
12. Groundwater quality monitoring should be conducted once every six months and the report should be submitted to TNPCB.
13. After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
14. The Project proponent shall strictly adhere to mine closure plan after ceasing mining operations as committed. Also the proponent shall undertake re-grassing of 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.
15. Proper barrier to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
16. The operation of the quarry should not affect the agriculture activities & water bodies near the project site and a safety distance of 50m from the water body


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- should be left vacant without any mining activity.
17. Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
 18. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
 19. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
 20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
 21. 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.
 22. 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.
 23. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.
 24. All the conditions imposed by the Deputy Director, Geology & Mining, Madurai District in the mining plan approval and the precise area communication issued by District Collector, Madurai District should be strictly followed.

Other points:

The proposals with S. nos. 18,19,20,21,22,&23 (8352, 8356, 8379,8382,8511 & 8560) could not be taken up due to paucity of time and these projects would be considered for appraisal in one of the forthcoming meetings.

Thanking the Chairman and the Members of SEAC-TN, the 232th meeting of SEAC came to an end at 8.15 PM.


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