

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 208th Meeting of State Expert Appraisal Committee (SEAC)- TN held on 24th March 2021 at SEIAA Conference Hall, II Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects, & Mining projects.

Agenda No: 208-01 (File No: 7940/2020)

Proposed Construction of Ware House at S.F.No. 153, 229, 230 & 226 at Orattukuppai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by M/s. Broadview Constructions and Holdings (P) Ltd – For Environmental Clearance.

(SIA/TN/MIS/179227/2020, dated: 15.10.2020)

The proposal was placed in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Proponent, M/s. Broadview Constructions and Holdings (P) Ltd has applied seeking Environmental Clearance for the proposed construction of Ware House at S.F.No. 153, 229, 230 & 226 at Orattukuppai Village, Madukkarai Taluk, Coimbatore District, TN.
2. The project/activity is covered under Category "B2" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the Project proponent, SEAC directed the proponent to furnish following additional documents;

1. The project proponent shall revise green belt area up to 33% all along the periphery of the proposed site for warehouse.
2. The project proponent shall obtain permission from State ground water Authority (SGWA) for extraction of ground water for the proposed project.
3. The project proponent shall furnish details of grey water treatment plant with adequate capacity and sewage treatment plant.
4. The proponent has proposed to dispose excess treated sewage to the nearby odai, which is

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not allowed. Hence, the project proponent shall furnish revised details of utilization of treated grey water and treated sewage for green belt development and if excess treated water available that shall be used for avenue plantation after getting due permission from the concerned authority.

5. The project proponent shall furnish revised proposal for treatment and disposal of bio-degradable waste by providing adequate capacity of Bio-methanation plant, as the amount of bio-degradable organic waste generated exceeds 1 ton per day.
6. The project proponent shall revise the design details of Rain water harvesting plan considering roof of the proposed warehouse alone including no. of percolation pits all along the periphery of the project site & adequate capacity of rain water collection sump in regard to maximum rainfall during past 5 years.
7. The project proponent shall furnish revised parking facility in regard to actual/realistic no. of vehicles.
8. The project proponent shall furnish ambient air quality & ambient noise modeling including baseline data considering nearby residence and vehicular movement due to proposed project.
9. The project proponent shall furnish revised Environmental Management Plan for capital & operational phase along with details of activities/facilities proposed under Corporate Social Responsibility (CER) as per O.M dated: 01.05.2018.
10. The project proponent shall furnish details of mode of disposal and disposal of construction waste and debris generated in the proposed project site.
11. The project proponent shall furnish details of storm water management plan considering project site is abutting the odai.
12. The project proponent shall furnish village map highlighting proposed project site.
13. The project proponent shall furnish list of categories of E- commerce stocks to be stored inside the proposed warehouse facility and accordingly the environment impacts need to be assessed.

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On receipt of the above details, the SEAC would take a further course of action on the proposal.

Agenda No: 208-02 (File No: 8195/2020)

Proposed Construction of Multistoried Residential Building at S.F.No. 14/7, Block No.71 at Kodambakkam Village, Mambalam Taluk, Chennai District, Tamil Nadu by M/s. Baashyaam Constructions Private Limited – For Environmental Clearance.

(SIA/TN/MIS/189885/2020, dated: 25.12.2020)

The proposal was placed in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Proponent, M/s. Baashyaam Constructions Private Limited has applied seeking Environmental Clearance for the proposed Multistoried Residential Building at S.F.No. 14/7, Block No.71 at Kodambakkam Village, Mambalam Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:

- i) The project proponent shall measure the criteria air pollutants data due to traffic again before getting consent to operate from TNPCB.
- ii) The project proponent shall revise DG set stack height as per CPCB Norms.
- iii) The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
- iv) The height of the stacks of DG sets shall be provided as per the CPCB norms.
- v) The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-

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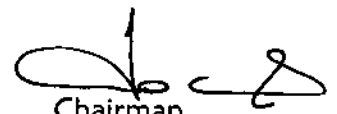


waste generation within the premises.

- vi) The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking.
- vii) The proponent shall make proper arrangements for the disposal of the excess treated water from the proposed site for Toilet flushing, Green belt development & OSR.
- viii) The sludge generated from the sewage Treatment plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
- ix) The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
- x) The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as committed.
- xi) The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
- xii) The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans-boundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
- xiii) No waste of any type to be disposed off in any other way other than the approved ones.
- xiv) The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
- xv) All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
- xvi) Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting

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etc.

- xvii) As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before replacing the subject to SEIAA.

Agenda No: 208-03 (File No: 7192/2020)

Proposed Limekankar quarry lease over an extent of 2.30.0 Ha at S.F.No. 33/1A & 33/1B at Karuppur (Senapathy) Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu by M/s.Chettinad Cements Corporation Pvt. Ltd - For Terms of Reference.

(SIA/TN/MIN/44473/2019 dated: 09.10.2019)

The project proponent M/s.Chettinad Cements Corporation Pvt. Ltd has applied for Terms of Reference for the proposed Lime-kankar quarry lease over an extent of 2.30.0 Ha at S.F.No. 33/1A & 33/1B at Karuppur (Senapathy) Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu and the project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006. Details of the project furnished by the proponent are available on the website (parivesh.nic.in).

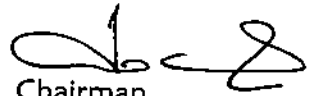
The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021.

In this connection, SEAC noted that the representative on behalf of the proponent has attended the SEAC meeting without any authorized letter from their management and no NABET accredited consultant in regard to category 1(a) was turned up for the presentation along with the representatives. Hence, the representative of the proponent was marked absent and the representative of the proponent was instructed to attend the next presentation with the authorized letter from the management and along with NABET accredited consultant in regard to category 1 (Mining).

Further, it was noted by the SEAC that the proposal was already placed in the SEAC for two times and no one was present in those meetings. Hence, the necessary instruction may be given by the SEIAA office to seek explanation why the proponent did not attend the two meetings and also to obtain the reasons for not attend the meeting/ company representative

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attended the meeting without authorized letter from their management/proponent for three times.

Agenda No: 208-04 (File No: 8294/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.68.0 Ha at S.F.Nos. 80/3,80/4,80/5,80/6, 80/17 & 80/19 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by Tvl. Sai Hridham Infraa (P) Ltd - For Terms of Reference.

(SIA/TN/MIN/60546/2021 dated 05.02.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

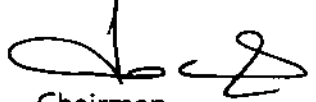
The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Tvl.Sai Hridham Infraa (P) Ltd has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.68.0 Ha at S.F.Nos. 80/3,80/4,80/5,80/6, 80/17 & 80/19 of Melur Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 1,17,760 cu.m of Rough stone, 15,680 cu.m of Weathered rock & 41,292 cu.m of Gravel should not exceed for the depth of mining 46m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 41m (35m of Rough stone, 2 m of weathered rock & 4 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the

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same was accepted by the proponent. Consequently, the maximum minable quantities of 1,17,040 cu.m of Rough stone, 15,680 cu.m of Weathered rock & 41,292 cu.m of Gravel are permitted for mining over five years and the EIA may be prepared considering the ultimate depth as 41 m.

2. The TOR is issued only for the rectangular section excluding remaining area on the eastern side bearing SF. No.80/17. Hence, the project proponent shall revise mining plan, only for the rectangular section excluding remaining area on the eastern side bearing SF. No.80/17.
3. The project proponent shall furnish revised proposal for green belt area including said area on the eastern side bearing SF. No.80/17.
4. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1km radius from the proposed mining site.
5. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
6. Fugitive emission modeling studies to be carried out and report shall be submitted.
7. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
8. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
9. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind

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direction may also be indicated on the map.

10. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
11. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
12. The details of surrounding wells (both open wells and bore wells within a radius of 1km should be collected and the cumulative impact on the ground water shall be part of EIA study.
13. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
14. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
15. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
16. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
17. A detailed mining closure plan for the proposed project shall be submitted.
18. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
19. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
20. Details of the lithology of the mining lease area shall be furnished.

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21. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
22. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
23. The proponent shall submit the waste management plan along with EIA report.
24. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
25. Wind speed data of the project site shall be furnished.
26. 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.

Further it was decided to make a site-inspection by the sub-committee of SEAC to assess the present status of the site and the environmental settings.

Agenda No: 208-05 (File No: 8297/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.37.0 Ha at S.F.Nos. 80/1E1, 80/1E2, 80/1E4 of Pachapalayam Village, Suler Taluk, Coimbatore District, Tamil Nadu by Thiru.M.Ramasamy - For Terms of Reference.

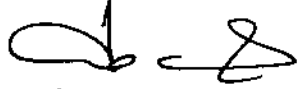
(SIA/TN/MIN/60215/2021 dated 26.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.M.Ramasamy has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.37.0 Ha at S.F.Nos. 80/1E1,80/1E2,80/1E4 of Pachapalayam Village, Suler Taluk, Coimbatore District , Tamil Nadu.

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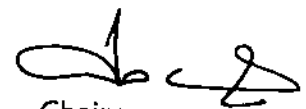
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 71510 cu.m of Rough stone & 6,477 cu.m of Gravel should not exceed for the depth of mining 38m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

- 1) Restricting the maximum depth of mining up to 33m (30m of Rough stone & 3 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 70,955 cu.m of Rough stone & 2850 cu.m of Gravel are permitted for mining over five years.
- 2) The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
- 3) Impacts of fugitive emission on the environment needs to be studied by proper measurements of fugitive emission as the base-line data.
- 4) Fugitive emission modeling studies to be carried out and report shall be submitted.
- 5) The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
- 6) The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
- 7) Air quality modeling should be carried out for prediction of impact of the project on

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the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

- 8) The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
- 9) The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
- 10) The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
- 11) The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
- 12) A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
- 13) Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
- 14) Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
- 15) A detailed mining closure plan for the proposed project shall be submitted.
- 16) A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
- 17) The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and

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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.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 12016, M.A.No.982i2016 & M.A.No.384/2017).

- 18) Details of the lithology of the mining lease area shall be furnished.
- 19) A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
- 20) The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
- 21) The proponent shall submit the waste management plan along with EIA report.
- 22) Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
- 23) Wind speed data of the project site shall be furnished.
- 24) As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-06 (File No: 8303/2021)

Proposed Red Gravel & Ordinary Stone quarry lease over an extent of 4.55.0 Ha at S.F.Nos. 295/2A, 295/2B, 295/2D, 238/1, 295/4C, 238/3A, 238/2 and 238/3B at Keelaramanadhi Village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.M.Karthik - For Terms of Reference

(SIA/TN/MIN/59657/2021 dated: 05.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.M.Karthik has applied for Terms of Reference for the proposed Red Gravel & Ordinary Stone quarry lease over an extent of 4.55.0 Ha at

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S.F.Nos. 295/2A, 295/2B, 295/2D, 238/1, 295/4C, 238/3A, 238/2 and 238/3B at Keelaramanadhi Village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu.


2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 4799296 cu.m of Ordinary stone & 68840 cu.m of Gravel should not exceed for the depth of mining 20m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following **Terms of Reference along with public hearing** for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 14m (12 m of Ordinary stone & 2 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 3, 19,531 cu.m of Ordinary stone & 68,840 cu.m of Gravel are permitted for mining over five years.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining

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area.

7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the

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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.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).

18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-07 (File No: 8312/2021)

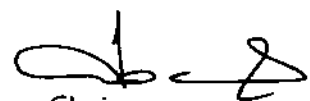
Proposed Rough Stone & Gravel quarry lease over an extent of 2.02.3 Ha at S.F.Nos. 176/1A, 176/5A, 176/6A of Marapparai Village and S.F.No. 316/2B2 of Paruthipalli Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.S.Rangasamy - For Terms of Reference

(SIA/TN/MIN/60400/2021 dated: 01.02.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.S.Rangasamy has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 4.55.0 Ha at S.F.Nos. 176/1A, 176/5A, 176/6A of Marapparai Village and S.F.No. 316/2B2 of Paruthipalli Village , Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 72,370 cu.m of Rough stone & 8050 cu.m of Gravel should not exceed for the depth of mining 42m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

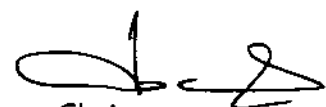
1. Restricting the maximum depth of mining up to 37 m (35m of Rough stone & 2 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 70,750 cu.m of Rough stone & 8050 cu.m of Gravel are permitted for mining over five years.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment needs to be studied by proper measurements of fugitive emission as the base-line data.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.

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6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.

Member Secretary
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16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 12016, M.A.No.982i2016 & M.A.No.384/2017).
18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-08 (File No: 8313/2021)

Proposed Rough Stone quarry lease over an extent of 1.05.0 Ha at S.F.Nos. 50/2 of Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru.P.Venkatachalam - For Terms of Reference.

(SIA/TN/MIN/60251/2021 dated: 27.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The

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Chennai-15

details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.P.Venkatachalam has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 1.05.0 Ha at S.F.No.50/2 of Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 80,606 cu.m of Rough stone should not exceed for the depth of mining 42m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 37 m (Rough stone mining from the existing pit of 10 m) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 78,716 cu.m of Rough stone are permitted for mining over five years.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. The project proponent shall furnish individual EMP & combined EIA study for the proposed project including proposed rough stone quarry by Tmt.G.Banugopal, SF. No. 52, Ekkattampalayam, Perundurai.

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4. Impacts of fugitive emission on the environment needs to be studied by proper measurements of fugitive emission as the base-line data.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).

Member Secretary
SEAC - TN

Dr. S. SELVAN
Member Secretary
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SEAC- TN

Dr. S. MOHAN
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Chennai-15

14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. 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.

Agenda No: 208-09 (File No: 8314/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 689/2(P),

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689/3A at Myvadi Village, Madathukulam Taluk, Tiruppur District, Tamil Nadu by Thiru. N.Agathiappan - For Terms of Reference.

(SIA/TN/MIN/60362/2021 dated: 30.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in)..

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

1. The Project Proponent, Thiru.N.Agathiappan has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 689/2(P),689/3A at Myvadi Village, Madathukulam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 36,880 cu.m of Rough stone & 9936 cu.m of Gravel should not exceed for the depth of mining 12m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC noted that the proposed site was found to be agricultural land (Coconut tree farm) and hence decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

On receipt of the inspection report from the sub-committee, the SEAC decided to take a further course of action on the proposal.

Agenda No: 208-10 (File No: 8321/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.99.5 Ha at S.F.Nos. 86/3 at Ponnammangalam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu by Thiru.S.Vishnuvarthan - For Terms of Reference.

(SIA/TN/MIN/60597/2021 dated: 08.02.2021)

Member Secretary
SEAC - TN

Dr. S. SELVAN
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The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru. S. Vishnuvarthan has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 2.99.5 Ha at S.F.Nos. 86/3 at Ponnangalam Village, Thirumangalam Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 534,534 cu.m of Rough stone & 49,680 cu.m of Gravel should not exceed for the depth of mining 37m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR:

1. Restricting the maximum depth of mining up to 32 m (30m of Rough stone & 2 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 4,92,472 cu.m of Rough stone & 49,680 cu.m of Gravel are permitted for mining over five years.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.

Member Secretary
SEAC -TN

Dr. S. SELVAN
Member Secretary
SEAC - TN
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4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.

Member Secretary
SEAC -TN
Dr. S. SELVAN
Member Secretary
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14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-11 (File No: 8322/2021)

Proposed Rough Stone quarry lease over an extent of 0.85.0 Ha at S.F.Nos. 52 at Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Tmt.G.Banugopal -

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SEAC - TN
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For Terms of Reference.

(SIA/TN/MIN/60175/2021 dated: 25.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Tmt.G.Banugopal has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 0.85.0 at S.F.Nos. 52 at Ekkatatampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 55,550 cu.m of Rough stone should not exceed for the depth of mining 47m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 37 m (Rough stone mining from the existing pit of 22 m) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 49,320 cu.m of Rough stone are permitted for mining over five years and the proponent has agreed for the same.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment need to be studied by proper

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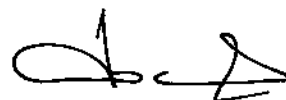


measurements of fugitive emission as the base-line data.

4. The project proponent shall furnish individual EMP & combined EIA study for the proposed project including proposed rough stone quarry by Thiru. P. Venkatachalam, SF. No. 50/2, Ekkattampalayam, Perundurai, Erode.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.

Member Secretary
SEAC -TN

Dr. S. SELVAN
Member Secretary
SEAC - TN
Chennai-15



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Dr. S. MOHAN
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Chennai-15

13. A detailed report on the green belt development already undertaken is to be furnished.
They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
19. Details of the lithology of the mining lease area shall be furnished.
20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
22. The proponent shall submit the waste management plan along with EIA report.
23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
24. Wind speed data of the project site shall be furnished.
25. 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.

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Agenda No: 208-12 (File No: 8329/2021)

Proposed Multi Coloured Granite quarry lease over an extent of 2.28.5 Ha at S.F.Nos. 503/1 at Sithampoondi Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by Thiru.M.Sengottuvel - For Terms of Reference.

(SIA/TN/MIN/60510/2021 dated: 04.02.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

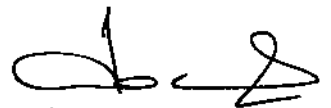
1. The Project Proponent, Thiru.M.Sengottuvel has applied for Terms of Reference for the proposed Multi Coloured Granite quarry lease over an extent of 2.28.5 Ha at S.F.Nos. 503/1 at Sithampoondi Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 18,216 cu.m of Multi-Coloured Granite should not exceed for the depth of mining 48m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 33 m (30 m of Multi-Coloured Granite, 2 m of Weathered Rock & 1 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining as well as considering level of ground water table and consequently the maximum minable quantities of 16,986 cu.m of Multi - Coloured Granite, 4422 cu.m of

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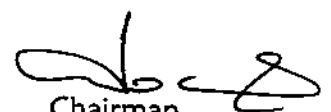


Weathered Rock & 2628 cu.m of Gravel are permitted for mining over five years.

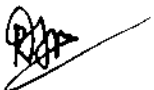
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative Impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.

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11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020

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and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-13 (File No: 8331/2021)

Proposed Rough Stone & Top soil quarry lease over an extent of 1.16.0 Ha at S.F.Nos. 3/3A2, 3/3B2, 3/3C2, 3/3E2 & 3/3G at Palaiyur Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru. A.Thirumalaisamy - For Terms of Reference.

(SIA/TN/MIN/60007/2021 dated: 20.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.A.Thirumalaisamy has applied for Terms of Reference for the proposed Rough Stone & Top soil quarry lease over an extent of 1.16.0 Ha at S.F.Nos. 3/3A2, 3/3B2, 3/3C2, 3/3E2 & 3/3G at Palaiyur Village, Pollachi Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 45,292cu.m of Rough Stone & 143cu.m of Top soil should not exceed for the depth of mining 31m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following **Terms of Reference** along with public hearing for the proposed project in addition to the sector specific standard ToR:

1. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.

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2. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
3. The project proponent shall develop green belt of 7.5 m all along the periphery of the proposed mining area.
4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.

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12. A detailed report on the green belt development already undertaken is to be furnished.
They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
15. A detailed mining closure plan for the proposed project shall be submitted.
16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016,M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).
18. Details of the lithology of the mining lease area shall be furnished.
19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
21. The proponent shall submit the waste management plan along with EIA report.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
23. Wind speed data of the project site shall be furnished.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

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Agenda No: 208-14 (File No: 8335/2021)

Proposed Rough Stone quarry lease over an extent of 4.00.0 Ha at S.F.Nos. 135 Part – 7 at Iyukunam Village, Kilpennathur Taluk, Thiruvannamalai District, Tamil Nadu by Thiru. P.Adhimoolam - For Terms of Reference.

(SIA/TN/MIN/60635/2021 dated: 08.02.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.P.Adhimoolam has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 4.00.0 Ha at S.F.Nos. 135 Part – 7 at Iyukunam Village, Kilpennathur Taluk, Thiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 641,300 cu.m of Rough Stone should not exceed for the depth of mining 75m above ground level.
4. A complaint about the project was also received

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. The complaint letter indicating some allegations may be discussed in the Public-hearing meeting
2. Restricting the maximum depth of mining up to 35 m (AGL) of rough stone considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum

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- minable quantities of 5,29,180 cu.m of rough stone are permitted for mining over five years.
3. The project proponent shall furnish revised mining plan maximum depth of mining up to 35 m (AGL) of rough stone over five years.
 4. The project proponent shall furnish compliance in regard to considering existing and cluster of quarries around the proposed mining area from the AD, Mining and Geology.
 5. The project proponent shall carryout EIA study considering impact on the existing Flora & Fauna, Wells & Noise level.
 6. The project proponent has to study on the impact of removal of this mountain on the water flow to the other side depriving inflow to the existing water bodies/catchment area, thus impinging on the original rights of public who were receiving drained water from the mountain.
 7. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
 8. Impacts of fugitive emission on the environment need to be studied by proper measurements of fugitive emission as the base-line data.
 9. Fugitive emission modeling studies to be carried out and report shall be submitted.
 10. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
 11. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
 12. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be

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shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

13. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
14. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
15. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
16. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
17. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
18. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
19. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
20. A detailed mining closure plan for the proposed project shall be submitted.
21. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
22. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No. 981 12016, M.A.No.982i2016 &M.A.No.384/2017).

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23. Details of the lithology of the mining lease area shall be furnished.
24. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
25. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
26. The proponent shall submit the waste management plan along with EIA report.
27. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
28. Wind speed data of the project site shall be furnished.
29. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-15 (File No: 8340/2021)

Proposed Rough Stone quarry lease over an extent of 2.00.0 Ha at S.F.Nos. 303(Part) Athimugam Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru.K.Govardhan Chowdari - For Terms of Reference.

(SIA/TN/MIN/60665/2021 dated: 09.02.2021)


The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.K.Govardhan Chowdari has applied for Terms of Reference for the proposed Rough Stone quarry lease over an extent of 2.00.0 Ha at S.F.Nos. 303(Part) Athimugam Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the

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Schedule to the EIA Notification, 2006.

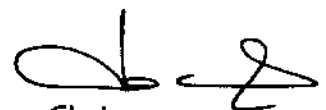
3. The production for the five years states that the total quantity of recoverable as 548,751 cu.m of Rough Stone & 16,100 cu.m of Top soil should not exceed for the total depth of mining 50m including 18m above ground level & 32 m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 40 m [18m (AGL) + 21m (BGL) of Rough stone & 1 m of topsoil] considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 4, 51,126 cu.m of Rough stone & 16,100 cu.m of Gravel are permitted for mining over five years.
2. The project proponent shall transplant the existing trees above 10cm dia all along the periphery of the proposed mining site to develop green belt.
3. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
4. Impacts of fugitive emission on the environment needs to be studied by proper measurements of fugitive emission as the base-line data.
5. Fugitive emission modeling studies to be carried out and report shall be submitted.
6. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
7. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.

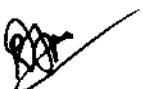
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8. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
9. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
10. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
11. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
12. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
13. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
14. Green belt all along the periphery of the mine area for a width of 7.5 m shall necessarily be developed and photograph furnished.
15. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
16. A detailed mining closure plan for the proposed project shall be submitted.
17. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
18. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016)

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19. Details of the lithology of the mining lease area shall be furnished.
 20. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
 21. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
 22. The proponent shall submit the waste management plan along with EIA report.
 23. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
 24. Wind speed data of the project site shall be furnished.
 25. 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.

Agenda No: 208-16 (File No: 8347/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.29.5 Ha at S.F.Nos. 46/1, 46/2, 46/3, and 46/4 at Sundakottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru. S.K. SubbaReddiar - For Terms of Reference.

(SIA/TN/MIN/60741/2021 dated: 12.02.2021)

The project proponent Thiru.S.K.SubbaReddiar has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.29.5 Ha at S.F.Nos. 46/1, 46/2, 46/3, and 46/4 at Sundakottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu and the project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006. Details of the project furnished by the proponent are

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available on the website (parivesh.nic.in).

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021.

In this connection, SEAC noted that the proponent has attended the SEAC meeting without NABET accredited EIA Coordinator/Consultant with regard to category 1(a). It was informed to the committee that EIA Coordinator/Consultant could not attend the meeting due to ill health of his parent and requested for the presentation in one of the forthcoming meetings. The SEAC approved the request.

Agenda No: 208-17 (File No: 8366/2021)

Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 45/2C(Part-6) at Atthipadi Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu by Thiru.S.Sathish Narayanan - For Terms of Reference.

(SIA/TN/MIN/60870/2021 dated: 17.02.2021)

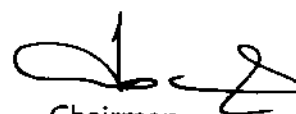
The project proponent Thiru. S.Sathish Narayanan has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 45/2C(Part-6) at Atthipadi Village, Thiruvannamalai Taluk, Thiruvannamalai District, Tamil Nadu and the project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006. Details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021.

In this connection, SEAC noted that the proponent has attended the SEAC meeting without NABET accredited EIA Coordinator/Consultant with regard to category 1(a). It was informed to the committee that EIA Coordinator/Consultant has not visited the site. The committee strongly contempt this type of practice of presenting for the TOR (which is supposed to be succeeding activity after the scoping exercise based on the assessment of the site conditions). Hence, the committee instructed EIA coordinator to visit the site and prepare the TOR as per the guidelines of MoEF &CC notification.

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On receipt of the above said details, the SEAC would decide on the further course of action on the proposal.

Agenda No: 208-18 (File No: 8151/2020)

Proposed Sand quarry lease over an extent of 3.60.0 Ha at S.F.No. 1(P) at Veeramangudi (Devangudi) Village, Papanasam Taluk, Thanjavur District, Tamil Nadu by M/s.The Executive Engineer, PWD/WRD - For Environmental Clearance.

(SIA/TN/MIN/188714/2020 dated: 18.12.2020)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s.The Executive Engineer, PWD/WRD has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 3.60.0 Ha at S.F.No. 1(P) at Veeramangudi (Devangudi) Village, Papanasam Taluk, Thanjavur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

On receipt of the inspection report from the sub-committee, the SEAC decided to take a further course of action on the proposal.

Agenda No: 208-19 (File No: 8152/2020)

Proposed Sand quarry lease over an extent of 4.80.0 Ha at S.F.No. 291/1A(P) at Govindhanattucherry (Pattugudi) Village, Papanasam Taluk, Thanjavur District, Tamil Nadu by M/s.The Executive Engineer, PWD/WRD - For Environmental Clearance.

(SIA/TN/MIN/188714/2020 dated: 18.12.2020)

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The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s.The Executive Engineer, PWD/WRD has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 291/1A(P) at Govindhanattucherry (Pattugudi) Village, Papanasam Taluk, Thanjavur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

On receipt of the inspection report from the sub-committee , the SEAC decided to take a further course of action onthe proposal.

Agenda No: 208-20 (File No: 8229/2021)

Proposed Sand quarry lease over an extent of 4.80.0 Ha at S.F.No. 1(P) at Sathanur Village, Thiruvaiyaru Taluk, Thanjavur District, Tamil Nadu by M/s.The Executive Engineer, PWD/WRD - For Environmental Clearance.

(SIA/TN/MIN/192155/2021 dated: 09.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. The Executive Engineer, PWD/WRD has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 1(P) at Sathanur Village, Thiruvaiyaru Taluk, Thanjavur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the

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Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

On receipt of the inspection report from the sub-committee, the SEAC decided to take a further course of action on the proposal.

Agenda No: 208-21 (File No: 8230/2021)

Proposed Sand quarry lease over an extent of 4.90.0 Ha at S.F.No. 1(P) at Maruvur Village, Thiruvaiyaru Taluk, Thanjavur District, Tamil Nadu by M/s.The Executive Engineer, PWD/WRD - For Environmental Clearance.

(SIA/TN/MIN/191149/2021 dated: 09.01.2021)

The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s.The Executive Engineer, PWD/WRD has applied for Environmental Clearance for the proposed Sand quarry lease over an extent of 1(P) at Sathanur Village, Thiruvaiyaru Taluk, Thanjavur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No: 208-22 (File No: 8369/2021)

Proposed Construction a Residential Development at S.F.No. 276/1A, 1B1, 7A1, 7A2 & 7B at Kottivakkam Village, Sholinganallur Taluk, Chennai District, Tamil Nadu by M/s. Nutech Reality Projects Private Limited – For Environmental Clearance.

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(SIA/TN/MIS/198766/2021, dated: 17.02.2021)

The proposal was placed in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

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

1. The Proponent, M/s. Nutech Reality Projects Private Limited has applied seeking Environmental Clearance for the proposed construction a Residential Development at S.F.No. 276/1A, 1B1, 7A1, 7A2 & 7B at Kottivakkam Village, Sholinganallur Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the Project proponent, SEAC directed the proponent to furnish following additional details/-documents:

1. The committee noted that many documents pertaining to this project were not uploaded in the Parivesh site which is against the best practice stipulated by MoEF&CC. Also, the committee felt that the concerned engineer/scientist should check these particulars meticulously before placing the file for appraisal.
2. The project proponent shall furnish the structural stability certificate from the reputed institutions like Anna University/ IIT/ any other Govt. Institute.
3. The project proponent shall upload permission obtained from CMWSSB for supply of fresh water.
4. The project proponent has planned to discharge excess treated sewage to CMWSSB sewer line which is not acceptable in the environmental point of view. Hence the proponent shall revise proposal for utilization of excess treated grey water and treated sewage for avenue plantation.
5. The project proponent shall furnish revised proposal of adequate capacity of grey water treatment plant and sewage treatment plant including oil & grease separator.
6. The project proponent shall revise the design details of Rain water harvesting plan considering roof of the proposed residential buildings alone including no. of percolation

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- pits all along the periphery of the project site & adequate capacity of rain water collection sump in regard to maximum rainfall during past 10 years.
7. The project proponent shall furnish details of storm water management plan considering elevation contour levels of the project site.
 8. The project proponent shall furnish design details of OWC proposed for treatment of Bio- degradable waste.
 9. The project proponent shall furnish ambient air quality & ambient noise modeling including baseline data considering nearby residence and vehicular movement due to the proposed project.
 10. The project proponent shall revise stack height for the proposed D.G set as per CPCB guideline.
 11. Details of amenities of the proposed project such as sports, community hall, gym, Health care etc.
 12. The project proponent shall furnish details of utilization of solar energy (at least 10% of total energy consumption) for the illumination of common areas, street lighting etc.
 13. OSR area shall not be utilized for Car parking, Play ground, Children's park etc. and also should not be included in the green belt area calculation.
 14. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site with at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking.
 15. The project proponent shall furnish revised Environmental Management Plan for capital & operational phase along with details of activities/facilities proposed under Corporate Social Responsibility (CER) as per O.M dated: 01.05.2018.
 16. The project proponent shall revise the online application according to the revised proposal to be furnished.

The committee noted preliminary assessment including baseline data have not been done in

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proper way by consultant and the consultant was instructed to adhere the guideline issued by MoEF&CC for preparing good baseline data and Environmental Management Plan.

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

Agenda No: 208-23 (File No: 7592/2020)

Proposed construction of M/s. Vels Medical College and Hospital at S.F.No. 117/1D, 117/2, 117/3, 117/4A, 117/4B, 117/1C, 117/5, 118/1A, 118/1B, 118/2, 118/3, 118/4, 118/5A, 118/5B, 118/6, 118/7, 118/8, 118/9 at Natham Village, Ponneri Taluk, S.F.No 12/1, 2, 3, 4, 5 & 6, 13, 14, 17, 142/1B, 142/2, 143, 144/1A2, 144/1B3B, 144/2, 144/3, 144/4, 144/5, 144/6A, 151/1A, 151/1B1, 151/1B2, 151/2B, 151/3, 152, 153/1, 153/2, 154/1, 154/2, 158/2B, 158/3A2 at Manjakaranai Village, Uthukottai Taluk, S.No 327/1A, 327/1B, 327/2B at Bandikavnur Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu by M/s. Vels Institute of Science, Technology & Advanced Studies (VISTAS) - For Environmental Clearance.

(SIA/TN/MIS/154023/2020, dated 29.09.2020)

The proposal was placed in this 182nd SEAC Meeting held on 17.10.2020. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Vels Institute Of Science, Technology & Advanced Studies has applied for Environmental Clearance for the Proposed Construction of Vels Medical College and Hospital at S.F.No.117/1D, 117/2, 117/3, 117/4A, 117/4B, 117/1C, 117/5, 118/1A, 118/1B, 118/2, 118/3, 118/4, 118/5A, 118/5B, 118/6, 118/7, 118/8, 118/9 at Natham Village, Ponneri Taluk, S.F.No 12/1, 2, 3, 4, 5 & 6, 13, 14, 17, 142/1B, 142/2, 143, 144/1A2, 144/1B3B, 144/2, 144/3, 144/4, 144/5, 144/6A, 151/1A, 151/1B1, 151/1B2, 151/2B, 151/3, 152, 153/1, 153/2, 154/1, 154/2, 158/2B, 158/3A2 at Manjakaranai Village, Uthukottai Taluk, S.No:327/1A,

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327/1B, 327/2B at Bandikavnur Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.
3. The project proposal consists of a 700nos - bed hospital, Medical College, Nursing College, hostels, and staff quarters in 21 blocks with a Maximum floor height of 20.18m.

Based on the documents furnished and the presentation made by the proponent, the SEAC decided to direct the project proponent to furnish the following details;

1. There are two lakes (Eri) flowing very close to the proposed project site and the site is nearby the agricultural area. Hence impact due to the proposed construction area on the inflow and outflow from the lakes needs to be studied and reported.
2. The Land-use reclassification permission should be obtained from the District Collector and shall furnish the NOC/Permission obtained from the competent authority for Wetland.
3. The HT line is passing through the site. Hence the project proponent shall provide safety distance on either side of the HT line without any activity as per the TNEB guidelines. Hence the proponent is directed to earmark the HT line and safety distance to be provided for the HT Line in the layout.
4. The planning permission obtained from DTCP vide letter dated 19.05.2020 for the built-up area of 54360 Sq.m. Hence, the proponent shall submit the revised application to DTCP for the proposed built-up area mentioned in this application for Environmental Clearance.
5. The Proponent proposed to pump out the 430 kld of the water from the Bore well. Whereas there is Agricultural activity nearby the proposed site. Hence impact in the Agricultural area/ tank/Eri needs to be studied and a report shall be submitted.

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6. Proponent shall submit the design details of STP & ETP.
7. The proponent shall submit the proposal for the Bio methanation plant for the disposal of Biodegradable waste to be generated.
8. The height of the stacks of DG sets shall be calculated and provided as per the CPCB norms.
9. Rainwater harvesting proposed is not in order and revise the same as per the guidelines.
10. The design of the Storm water drainage needs to be revised in such a way as to drain the water during heavy rain.
11. The project proponent shall submit the analysis of the AAQ/ANL survey conducted at the site.
12. The proponent shall furnish the detailed proposal for CER as per the office memorandum of MoEF&CC dated 01.05.2018.

On receipt of the above details, the SEAC decided to take a further course of action on the proposal.

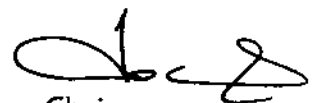
The Project proponent furnished the above said details to SEIAA-TN on 24.11.2020. The Proposal was once again placed in 199th SEAC held on 09.02.2021. After detailed discussion, the reply furnished by the proponent were not in order and many if the queries have not been provided with required details for the points mentioned in Sl.No1 to 12. In addition, the Project proponent shall furnish Groundwater Clearance from the competent Authority as per the recent G.O. of Govt. of TN.

On receipt of the above details, the SEAC decided to direct the proponent to make a re-presentation for the further course of action on the proposal.

The Project proponent furnished the above said details to SEIAA-TN on 19.03.2021. The Proposal was once again placed in 208th SEAC held on 24.03.2021. Based on the documents furnished and the presentation made by the Project proponent, SEAC decided to recommend the proposed project for Phase -I alone with built-up area up to 54360 Sq.m for grant of

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Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. No ground water shall be withdrawn from the project site, since project proponent has not obtained NOC from the State Surface and Ground Water Authority.
2. No activity of the any kind should be undertaken for a distance of 2m on either side from the base of the existing HT lines within the project area.
3. The project proponent shall furnish affidavit to SEIAA in regard to proposed project of phase -I alone for plot area including parking facility & built up area breakup details, Total water consumption, fresh water consumption, Grey water treatment plant, Sewage Treatment Plant, Effluent Treatment Plant, Point of disposal/details of utilization of treated sewage, treated grey water & treated effluent, point source/fugitive emission with APC measures, Solid Waste Management details, Bio - Medical Waste Management details, Green Belt area, Rain water harvesting including no. of percolation pits, Environmental Management plan (EMP) & details of activities/facilities proposed under Corporate Social responsibility (CER) in regard to project cost as per O.M dated:01.05.2018.
4. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
5. The height of the stacks of DG sets shall be provided as per the CPCB norms.
6. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-waste generation within the premises.
7. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be a minimum of 15% of the total area and the same shall not be used for car parking.

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8. The proponent shall make proper arrangements for the disposal of the excess treated water from the proposed site for Toilet flushing, Green belt development & OSR.
9. The sludge generated from the sewage treatment plant shall be collected and dewatered using a filter press and the same shall be utilized as manure for green belt development after composting.
10. The proponent shall provide a separate wall between the STP and OSR area as per the layout furnished and committed.
11. The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as committed.
12. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
13. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
14. No waste of any type to be disposed of in any other way other than the approved ones.
15. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
16. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
17. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting, etc.
18. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before replacing the subject to SEIAA.

Agenda No. 208 - 24 (File No. 7650/2020)

Proposed Construction of Warehouse/Logistics/Storage Building Project M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd., SECURA Logistics Park Pvt. Ltd., ERPL Industrial & Logistics Park Pvt. Ltd., in Survey No: 98/2, 100, 101, 102/1, 102/2,

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102/3, 103/1A, 103/1B, 103/2, 106, 107/3, 107/4, 107/5, 108/2, 117/1A, 117/1B1, 117/1B2, 155/1A, 155/2, 155/3, 156/1, 160/1, 160/2, 161/1, 161/2, 161/3A, 161/3B, 162, 163/1A, 163/1B, 164/1, 164/2, 165/1, 165/2, 166/1, 166/2, 166/3, 167, 168, 169, 170, 171, 277/1, 277/2, 278/1C, 278/2, 278/1A, 278/1B, 279/1, 279/2, 279/3, 280, 281, 282, 284/3, 285/1A, 285/1B, 285/1C, 285/1D, 285/1E, 285/1F, 285/2, 285/3, 286/1A, 286/1B, 286/2, 286/3A, 286/3B, 286/4A, 286/4B, Vishnuvakkam Village & Karikalavakkam Village, Tiruvallur Taluk, Tiruvallur District-For Environmental Clearance

(SIA/TN/MIS/143622/2020, dated: 19.02.2020)

The proposal was placed in 180th SEAC Meeting held on 08.10.2020. The details furnished by the project Proponent are given on the website of <http://parivesh.nic.in>. SEAC noted the following:

1. The Proponent M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd., SECURA Logistics Park Pvt. Ltd., ERPL Industrial & Logistics Park Pvt. Ltd., applied for the Environmental Clearance for the proposed Construction of Warehouse/Logistics/Storage Building Project in Survey No: 98/2, 100, 101, 102/1, 102/2, 102/3, 103/1A, 103/1B, 103/2, 106, 107/3, 107/4, 107/5, 108/2, 117/1A, 117/1B1, 117/1B2, 155/1A, 155/2, 155/3, 156/1, 160/1, 160/2, 161/1, 161/2, 161/3A, 161/3B, 162, 163/1A, 163/1B, 164/1, 164/2, 165/1, 165/2, 166/1, 166/2, 166/3, 167, 168, 169, 170, 171, 277/1, 277/2, 278/1C, 278/2, 278/1A, 278/1B, 279/1, 279/2, 279/3, 280, 281, 282, 284/3, 285/1A, 285/1B, 285/1C, 285/1D, 285/1E, 285/1F, 285/2, 285/3, 286/1A, 286/1B, 286/2, 286/3A, 286/3B, 286/4A, 286/4B, Vishnuvakkam Village & Karikalavakkam Village, Tiruvallur Taluk, Tiruvallur District.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Constructions Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and documents furnished by the project proponent, SEAC instructed the project proponent to furnish the following details:

1. It is found that a canal is located adjacent to the boundary of the proposed site. Hence, the

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- project proponent shall furnish the village map, FMB sketch, and "A" register to confirm that the proposed project area and compound wall not intersecting the canal.
2. The Project Proponent was instructed to submit the project proposal in one name instead of applying in three names. During the presentation, the project proponent accepted and requested to issue the Environmental Clearance in the name of M/s. SHIRINA Industrial & Logistics Park Pvt. Ltd., Accordingly, the project proponent shall submit the revised form 1 in one name.
 3. The layout plan should be furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP for approval. The greenbelt width shall be of a minimum of 3m width along the boundaries of the project site and 33% of the total land area shall be maintained as a Green belt.
 4. The Project Proponent shall clearly indicate the type of activity proposed along with the percentage or quantity of each activity in-specific.
 5. The Project Proponent shall furnish the detailed report on the Environmental Impact due to the proposed activity.
 6. The Project Proponent shall furnish the study on the Carbon Emissions and the Carbon Foot print due to diesel consumption and emissions from the proposed activity.
 7. The two numbers of proposed sewage treatment plants shall be provided in two different locations considering the gradients.
 8. The Project Proponent shall revise the STP design and grey water treatment plant based on the study of the characteristics of Grey & Sewage water to utilize the treated water for recycling and flushing.
 9. The Project Proponent shall furnish the detailed storage plan along with the type of activity involved in each proposed building.
 10. The proposed OSR area should not be included in the activity area.
 11. The OSR area should not be taken into account for the green belt area.
 12. The Proponent shall furnish the land use classification certificate obtained from the

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competent Authority for the Industrial activity.

On receipt of the aforesaid clarification, SEAC shall further deliberate on this project and decide the further course of action.

The Project proponent furnished the above said details to SEIAA-TN on 17.12.2020. The Proposal was once again placed in 199th SEAC held on 09.02.2021. After a detailed discussion, the reply furnished by the proponent were not in order and many if the queries have not been provided with required details for the points mentioned in Sl. no1 to 12.

On receipt of the above details, the SEAC decided to direct the proponent to make a re-presentation for the further course of action on the proposal.

The Project Proponent furnished the reply vide letter dated 14.12.2020. Hence the subject was placed for appraisal in this 206th meeting of SEAC held on 08.03.2021. However SEAC noted that the Project proponent didn't attend today's meeting (Absent) and no prior communication received from the Proponent in this regard. Hence the committee decided to seek SEIAA to obtain and furnish explanation from the Proponent for the absence without any intimation to SEAC/SEIAA.

The Project proponent furnished the above said revised details to SEIAA-TN on 19.03.2021. The Proposal was once again placed in 208th SEAC held on 24.03.2021. Based on the documents furnished and the presentation made by the Project proponent, SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF & CC:

1. The project proponent shall provide green belt of 20% excluding OSR area all along the periphery of the proposed industrial and logistic park.
2. The project proponent shall commit to the proposed percentage of individual sector/commodities stated during presentation as follows
 - a. FMCG/Consumer Durables/ Apparel's : 40%
 - b. Electronic and IT hardware Assembling : 20%
 - c. Auto ancillary assembling and Allied storage : 15%

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- d. Light and Heavy Engineering : 15%
 - e. Logistics Services (3PL/4PL) : 10%
3. The project proponent shall furnish affidavit to SEIAA in regard to fresh water consumption, Grey water treatment plant, Sewage Treatment Plant, Effluent Treatment Plant, Point of disposal/details of utilization of treated sewage & treated effluent, Solid Waste Management, proposed percentage/numbers and area allotted to warehouses, Industry types, Logistics etc. & revised plot area details including Green belt area of 20% excluding OSR area and details of activities/facilities proposed under Corporate Social responsibility (CER) in regard to project cost as per O.M. dated:01.05.2018.
 4. The project proponent shall conduct & furnish EIA study to TNPCB for a period of every 6 months after commissioning the proposed project (Industrial & Logistics Park) in regard to ambient air quality modeling (carbon emission), ambient noise modeling including baseline data considering no. of in-house warehouses, industry types & Logistics within the proposed project, nearby residence and vehicular movement at the project site, treatment & disposal of waste water (grey water, sewage, & trade effluent) generated, nearby water bodies, solid waste management, E-Waste Management, & Plastic waste management.
 5. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
 6. The height of the stacks of DG sets shall be provided as per the CPCB norms.
 7. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-waste generation within the premises.
 8. The proponent shall earmark the greenbelt area with dimension and GPS coordinates all along the boundary of the project site at least 3 meters wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be a minimum of 15% of the total area and the same shall not be used for car parking.


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9. The proponent shall make proper arrangements for the disposal of the excess treated water from the proposed site for Toilet flushing, Green belt development & OSR.
10. The sludge generated from the sewage treatment plant shall be collected and dewatered using a filter press and the same shall be utilized as manure for green belt development after composting.
11. The proponent shall provide a separate wall between the STP and OSR area as per the layout furnished and committed.
12. The project proponent shall provide entry and exit points for the OSR area, community Hall, play area as per the norms for the public usage as committed.
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
15. No waste of any type to be disposed of in any other way other than the approved ones.
16. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
17. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal, etc., shall be followed strictly.
18. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting, etc.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 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.

Agenda No: 208-25 (File No: 8412/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 4.27.4 Ha at SF. No.469/1B to 469/6B, 476/1 to 476/4, A.P Nadanoor Village, Alangulam Taluk, Tenkasi District by Thiru. K. Rajkumar - For Terms of Reference.

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(SIA/TN/MIN/61343/2021Dt:27.02.2021)

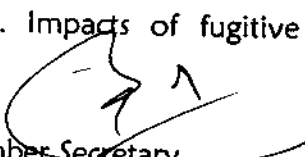
The proposal was placed for appraisal in this 208th meeting of SEAC held on 24.03.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

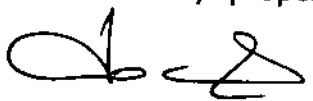
The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru. K. Rajkumar has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 4.27.4 Ha at SF. No.469/ 1B to 469/6B,476/1 to 476/4, A.P Nadanoor Village, Alangulam Taluk, Tenkasi District.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 7,08,400cu.m of Rough stone & 70,302cu.m of Gravel should not exceed for the depth of mining 42m below ground level.

Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to recommend the proposal to SEIAA for the issue of the following Terms of Reference along with public hearing for the proposed project in addition to the sector specific standard ToR :

1. Restricting the maximum depth of mining up to 37m (35 m of Rough stone & 2 m of Gravel) considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and the same was accepted by the proponent. Consequently, the maximum minable quantities of 6,77,435 cu.m of Rough stone & 70,302cu.m of Gravel are permitted for mining over five years.
2. The project proponent shall furnish detailed hydro-geological study considering all water bodies including wells, & ground water table at various depth around 1KM radius from the proposed mining site.
3. Impacts of fugitive emission on the environment needs to be studied by proper


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measurements of fugitive emission as the base-line data.

4. Fugitive emission modeling studies to be carried out and report shall be submitted.
5. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
6. The Project Proponent shall conduct the hydro-geological study to evaluate the impact of proposed mining activity on the groundwater table, agriculture activity, and water bodies such as rivers, tanks, canals, ponds etc. located nearby by the proposed mining area.
7. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of Vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
8. The proponent shall furnish the details on number of groundwater pumping wells, open wells within the radius of 1 km along with the water levels in both monsoon and non-monsoon seasons. The proponent would also collect the data of water table level in this area during both monsoon and non-monsoon seasons from the PWD /TWAD.
9. The Proponent shall conduct the Cumulative impact study on the agricultural area due to Mining, Crushers and other activities around the site area.
10. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.
11. The Socio-economic impact assessment of the project needs to be carried out within 10km buffer zone from the mines.
12. A detailed report on the green belt development already undertaken is to be furnished. They also need to submit the proposal for green belt activities for the proposed mine(s).
13. Green belt all along the periphery of the mine area for a width of 7.5m shall necessarily

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- be developed and photograph furnished.
14. Proponent shall ensure no excavated material is dumped on the bund leading to structural instability.
 15. A detailed mining closure plan for the proposed project shall be submitted.
 16. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
 17. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A. No.1122/2016, M.A.No.1212017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 12016, M.A.No.982i2016 & M.A.No.384/2017).
 18. Details of the lithology of the mining lease area shall be furnished.
 19. A study shall be conducted on the number of trees (name of the species, age) present in the mining lease applied area and how, it will be managed during mining activity.
 20. The details of the period of the earlier operation of the mines along with the dimension of the pits shall be furnished from the competent Authority, if applicable.
 21. The proponent shall submit the waste management plan along with EIA report.
 22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained, if the project site attracts NBWL clearance.
 23. Wind speed data of the project site shall be furnished.
 24. As per the MoEF&CC Office Memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER.

Agenda No: 208-26- TA1 (File No: 4396/2020)

Existing Multi Colour Granite Quarry over an extent of 16.12.0 Ha at S.F. No.516/1, 518/4 & 534, Arasiramani Village, Sankari Taluk, Salem District by M/s. Tamil Nadu Minerals Limited -

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for Environmental Clearance.

(SIA/TN/MIN/37418/2018, dated: 07.06.2019)

The proposal was earlier placed in the 133rd meeting of SEAC held on 24.08.2019. The project proponent gave detailed presentation. The details of the project proposal furnished by the proponent are given on the website (parivesh.nic.in).

In the 133rd meeting of SEAC held on 24.08.2019, it was minuted that,

"The committee's recommendation:

- 1. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men.*
- 2. The project proponent shall furnish photographs showing Green belt development in the project site.*
- 3. The project proponent shall furnish revised water consumption details including for greenbelt development.*
- 4. The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site.*
- 5. The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining.*
- 6. The project proponent is requested to submit the aforesaid details to SEIAA-TN.*

On receipt of above details (Sl.No. 1 to 5) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 5 stated above, SEAC would further deliberate on this project and decide the further course of action."

The sub-committee constituted by the present SEAC submitted its inspection report on 25.02.2021. Hence the proposal was placed again for appraisal in this 204th meeting of SEAC held on 25.02.2021.

SEAC noted the following:

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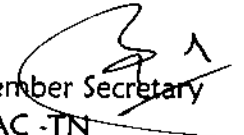


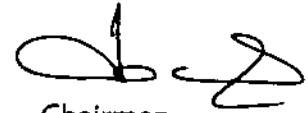
1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance to SEIAA-TN for the existing Black Granite Quarry over an extent of 16.12.0 Ha at S.F. No.516/1, 518/4 & 534, Arasiramani Village, Sankari Taluk, Salem District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr. No. SEIAA-TN/F.No.4396/TOR-415/2018 dated 23.05.2018
4. Public Hearing was conducted on 21.09.2019 and report submitted.

Based on the inspection report of the sub -committee, presentation made and documents furnished by the Project proponent, SEAC decided to direct the Proponent to make the presentation in respect of the ecological damage, remediation plan, and natural and community resource augmentation plan in the ensuing meeting of SEAC.

The Proposal was once again placed in 208th SEAC held on 24.03.2021. Based on the presentation made by the Proponent with regard to the ecological remediation plan, natural resource augmentation plan and community resource augmentation plan is assessed as low level ecological damage and submitted calculation for the cost of remediation/augmentation plan under low level ecological damage category as per SEAC-TN guideline as follows:

SEAC-TN guideline for calculation of Low-level Ecological damage category				
Level of damage	Ecological Remediation Cost	Natural Resource Augmentation cost	Community Resource Augmentation cost	Corporate Environmental Responsibility Cost
	(Rs. Lakhs/ Hectare).			
Low level Ecological damage for Granite Mine	0.40	0.50	0.70	0.40


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Calculation of Cost of Ecological Remediation Plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan for Low level Ecological damage category - Colour Granite Mining - Area Extent(16.12.0 ha)					
Level of damage	Ecological Remediation Cost (Rs.0.40 Lakhs/ Hectare).	Natural Resource Augmentation cost (Rs.0.50 Lakhs/ Hectare).	Community Resource Augmentation cost (Rs.0.70 Lakhs/ Hectare).	Corporate Environmental Responsibility (Rs.0.40 Lakhs/ Hectare).	Total (Rs. Lakhs)
Low level Ecological damage	6.448	8.06	11.284	6.448	32.24

In view of the above and based on the inspection report & the Ecological damage, remediation plan and natural & community resource augmentation plan furnished by the project proponent, the SEAC decided to recommend the project proposal for grant of Environmental Clearance subject to the following conditions, in addition to standard conditions stipulated by the MoEF&CC:

- 1) As per the MoEF& CC Notification, S.O.1030 (E) dated:08.03.2018, "The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalized by the concerned Regulatory Authority, and the bank guarantee shall be deposited.
- 2) Accordingly, the amount prescribed for Ecological remediation (Rs. 6.448 lakhs), natural resource augmentation (Rs. 8.06 lakhs) & community resource augmentation (Rs. 11.284lakhs), totaling Rs. 25.792 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs.25.792 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN.

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The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.

- 3) The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCCB without further notice.
- 4) The amount committed by the Project proponent for CER (Rs.6.448 Lakhs) shall be remitted in the form of DD to the beneficiary for the activities committed by the proponent. A copy of receipt from the beneficiary shall be submitted to SEIAA-TN.
- 5) The project proponent shall allocate a separate area for waste dumping and proper protective structure may be made to contain the fugitive emissions from the same.
- 6) The project proponent shall furnish revised Assistant Director of Geology and Mining letter before issue of EC.
- 7) The project 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 areas.
- 8) The mining timings should also be displayed at strategic locations.
- 9) The project proponent should not carry out mining below the ground water table without the NoC /permission from the Central Ground water Authority
- 10) The proponent shall form the proper benches during the operation of quarry.
- 11) Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
- 12) Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
- 13) 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 of the same before obtaining the CTO from TNPCCB.
- 14) Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.

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- 15) Ground water quality monitoring should be conducted once every six months and the report shall be submitted to TNPCB.
- 16) After mining is completed, proper leveling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
- 17) The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
- 18) 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.
- 19) 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.
- 20) Transportation of the quarried materials shall not cause any hindrance to the Village people or damage to the existing Village road.
- 21) The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
- 22) The proponent shall develop an adequate green belt 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.
- 23) The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
- 24) 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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- 25) 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.
- 26) The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
- 27) 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.
- 28) All the condition imposed by the Director, Geology & Mining, in the mining plan approval letter Rc.No.7624/MM5/2018, dated:03.01.2019 and the precise area communication letter Lr.No.13353/MME.2/2018-1, dated:18.12.2018 should be strictly followed.
- 29) All the conditions imposed by the District Forest Officer, Krishnagiri District vide letter Na.Ka.No.2039/2018-L, dated:26.03.2018 should be strictly followed.
- 30) The project proponent shall conduct pulmonary function test (PFT) for all employees at regular intervals.
- 31) The occupational health team can provide your company with onsite silica medical surveillance examinations to ensure OSHA compliance with respirable crystalline silica standard and protect your employees.
- 32) The project proponent shall conduct chest X-ray for all employees.
- 33) The Ambient silica analysis needs to be carried out once in six months and report the same to SEIAA.

Agenda No. 208 – 27 –TA2

(File No.8136/2020)

Proposed Sand quarry in Palar riverbed over an extent of 4.94.0 ha at S.F.No. 242(P) in Arumparuthi Village, Katpadi Taluk, Vellore District, Tamil Nadu by the Executive Engineer, PWD/WRD– For Environmental Clearance.

(SIA/TN/MIN/187121/2020, dated: 09.12.2020)

The project proposal was placed in the 195th SEAC meeting on 27.01.2021. The project

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proponent made detailed presentation. The details of the project proposal furnished by the proponent are given in the website (parivesh.nic.in).

1. The Proponent, Executive Engineer, PWD/WRD, has applied for Environmental Clearance for the proposed Sand quarry in Palar river bed in S.F.No. 242(P) in Arumparuthi Village, Katpadi Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

In the 195th meeting of SEAC held on 27.01.2021, it was minuted that,

Based on the presentation made by the proponent, the SEAC decided to make an on-site - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC, as per affidavit submitted by SEIAA-TN to Hon. NGT (SZ)."

The sub-committee constituted by the SEAC submitted its inspection report on 24.03.2021. Hence the proposal was placed again for appraisal in this 208th meeting of SEAC held on 24.03.2021.

Observations of the Sub-Committee:

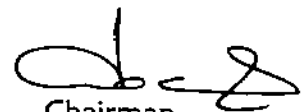
Mining and Monitoring Division of Public Works Department (PWD) of Tamil Nadu had submitted a proposal seeking environmental clearance for a sand quarry in the Palar riverbed in S.F.No.242(p) in Arumparuthi Village, Katpadi Taluk, Vellore District, Tamil Nadu.

The salient features of the sand quarry are

- Size : 380m x 130m Area : 4.94.0 Hectare
- Theoretical Bed Level: 104.300m
- Details of Shoal Formation : Maximum width - 106.387 m; Average Thickness - 1.03 m
- Minimum width - 103.391 m
- Elevation Difference - 2.996
- Quantity: 51,297 m³ (Shoal above theoretical bed line) + 49,400 m³(sand below theoretical bed line) = 1,00,697 m³
- Mining method: Manual mining using Bullock Carts. The excavated sand is directly loaded in to the Bullock Carts to Consumer site.

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- No Drilling or blasting is proposed for this type of Sand quarrying.
- Bullock carts per day: 395 Nos.


This proposal was presented by the consultant during the 195th meeting of the SEAC. The SEAC decided to make site inspection by a subcommittee to assess the present status of the site and environmental conditions prevailing in the project site. As per the decision of the 195th meeting, a sub-committee was constituted to make an on-the -spot inspection of the above project site to assess the present status of the site.

Accordingly, the site located in Palar riverbed at S.F.No.242 (Part) in Arumparuthi village, Katpadi Taluk, Vellore District, Tamil Nadu with the co-ordinates as below was inspected by the sub-committee on 06-02-2021.


Point No	Latitude	Longitude
1	12°57'13.80" N	79°12'22.80" E
2	12°57'20.30" N	79°12'21.80" E
3	12°57'21.45" N	79°12'29.84" E
4	12°57'14.95" N	79°12'30.82" E

The Sub-Committee held detailed discussions with the proponent and his representatives present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information.

1. The total mine lease area is 4.90.0ha and the estimated mineable sand is 1,00,697 m³.
2. There is open well on the northern side at a distance of about 500 m from the river boundary. The depth to groundwater table was about 6 m at the time of the visit.
3. No HT lines were observed with in a distance of 500 m around this proposed sand quarry site.


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4. There is a bridge located in the Northern side at a distance of 2.5 km from the proposed site for quarrying.
5. It was reported that the last floods in the river had occurred on 22nd December 2020.
6. There was no surface water flow in the river bed.
7. The proponent needs to protect the river bed during mining and transportation activities.
8. The road for the transport should be made of biological materials as per the direction of Hon'ble High court of Madras.
9. The approach road to the river should be maintained properly in such a way that the movement of bullock carts should not affect the agricultural fields on either side.
10. The depth of sand mining should be limited to 1 m or up to theoretical bed level.

Based on the inspection report, presentation made and the documents furnished by the Proponent, the SEAC held detailed discussions and decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

1. Permitted ultimate depth of mining is restricted to theoretical bed level. Hence the quantity that shall be mined up to theoretical bed level as per the approved mining plan is 51297m³.
2. Manual Mining shall be carried out using Bullock carts only restricting up to 198 Nos. of bullock carts per day.
3. During mining and transporting, it is necessary to see that there should not be any damage for the bunds.
4. Environmental Management Plan furnished by the Proponent should be strictly followed.
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.

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Member Secretary
SEAC - TN
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7. The proponent shall ensure compliance of the conditions imposed in the Precise Area Communication letter and Mine Plan Approval at all times.
8. The quarrying activity shall be stopped in case 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.
9. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 208-28-TA3 (File No: 7253/2020)

Proposed Sand quarry lease over an extent of 12.00.0 Ha at S.F.Nos.495/1 (Part), Agaraelathur Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu by M/s.The Executive Engineer Public Works Department - For Environmental clearance (SIA/TN/MIN/60576/2019 dated 06.02.2021)

The proposal was placed for appraisal in this 204th meeting of SEAC held on 25.02.2021. The details of the project furnished by the proponent are available on the website(parivesh.nic.in).


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

1. The Project Proponent, M/s. The Executive Engineer Public Works Department has applied seeking Environmental Clearance for the Proposed Sand quarry lease over an extent of 12.00.0 Ha at S.F.Nos. 495/1 (Part), Agaraelathur Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.7253/SEAC/ToR-690/2020 Dated 10.02.2020
4. Public Hearing conducted on 07.01.2021 and the public hearing report submitted.

In the 204th meeting of SEAC held on 25.02.2021, it was minuted that,

"Based on the presentation made and documents furnished by the Project proponent, SEAC

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decided to make an on-the-spot inspection of the site by the sub-committee constituted by the Committee. Based on the inspection report of the sub-committee the Committee will further deliberate on the project on decide the further course of action."

The sub-committee constituted by the SEAC submitted its inspection report on 24.03.2021. Hence the proposal was placed again for appraisal in this 208th meeting of SEAC held on 24.03.2021.

Observations of the Sub-Committee:

Mining and Monitoring Division of Public Works Department (PWD) of Tamil Nadu had submitted a proposal seeking environmental clearance for a sand quarry in the Coleroon river bed over an extent of 12.00.0ha at S.F.No. 495/1(P) in Agaraelathur Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu.

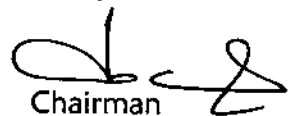
The salient features of the sand quarry are

- Size : 600m × 200m Area : 12.00.0 Hectare
- Theoretical Bed Level: 1,20,000m³
- Details of Shoal Formation : Maximum width - 106.387 m; Average Thickness - 1.651m
- Minimum width - 103.391 m
- Elevation Difference -9.400m
- Quantity: 1,98,175m³ (Shoal above theoretical bed line) + 1,20,000m³(sand below theoretical bed line) = 3,18,175m³
- Lease Period: 11 Months
- Depth: 1m below theoretical bed level
- Mining method: Opencast Semi Mechanized method. The excavated sand is directly loaded in to the tippers to Consumer site.
- No Drilling or blasting is proposed for this type of Sand quarrying.
- There is a TWAD Board Structure at 800m .

This proposal was presented by the consultant during the 204th meeting of the SEAC held on 25.02.2021. The SEAC decided to make site inspection by a subcommittee to assess the present status of the site and environmental conditions prevailing in the project site. As per the decision

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SEAC -TN

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Member Secretary
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Dr. S. MOHAN
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Chennai-15



of the 204th meeting, a sub-committee with the following members was constituted to make an on-the-spot inspection of the above project site to assess the present status of the site.

Accordingly, the site located in Coleroon riverbed over an extent of 12.00.0ha at S.F.No. 495/1(P) in Agaraelathur Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu with the co-ordinates as below was inspected by the sub-committee on 27.02.2021(Saturday).

Point No	Latitude	Longitude
1	11°15'13.27" N	79°38'56.39" E
2	11°15'32.86" N	79°38'56.36" E
3	11°15'32.90" N	79°39'02.96" E
4	11°15'13.28" N	79°39'03.00" E

The Sub-Committee held detailed discussions with the officers' present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information.

- 1) The total mine lease area is 12.00.0ha and the estimated mineable sand is 1,20,000m³ & shoals is 1,98,175m³ for 11Months.
- 2) There is one Infiltration well on the other side of the river which is around 1.2 km distance from the proposed mining area.
- 3) No HT lines were observed within a distance of 500 m around this proposed sand quarry site.
- 4) There was good amount of surface water flow near both the banks of the river. ce water flow in the river bed.
- 5) They are planning to transport the sand through tippers atleast for a distance of about 5km where it is technically possible to create the ramp and to travel atleast about one

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km to the stock yard of the sand.

- 6) Many village people including the President of the Village Panchayat met the committee during the visit and expressed that removal of the shoal would protect them from flooding as the flood would be smoothened and welcome this project.

Based on the observations of the committee, the following recommendations are suggested to the committee for consideration and approval.

1. The proponent needs to protect the river bed during mining and transportation activities following the guidelines provided in the Sand Mining Manual published by the MoEF&CC.
2. The road for the transport should be made of biological materials as per the direction of Hon'ble High court of Madras.
3. The approach road to the river should be maintained properly in such a way that the movement of tippers should not affect the local activities as well as without any disturbance to the local people by way of increasing the fugitive emissions and/or noise levels.
4. The ultimate depth of sand mining should be limited to the theoretical bed level as the shoal formation in this area is particularly good and removal of the same would reduce the probability of flood entering into the neighboring villages.
5. The worked out theoretical bed levels (longitudinal section) need to be submitted to SEIAA before starting the mining operation.

Based on the inspection report, presentation made and the documents furnished by the Proponent, the SEAC held detailed discussions and decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

1. Permitted ultimate depth of mining is restricted to theoretical bed level. Hence the quantity that shall be mined up to theoretical bed level as per the approved mining plan is 1,98,175m³.
2. During mining and transporting, it is necessary to see that there should not be any

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damage for the bunds.

3. Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The proponent shall ensure compliance of the conditions imposed in the Precise Area Communication letter and Mine Plan Approval at all times.
7. The quarrying activity shall be stopped in case 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.
8. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 208-29-TA4

(File No: 7254/2020)

Proposed Sand quarry lease over an extent of 20.00.0 Ha at S.F.Nos.321/1 (Part), Vadarangam Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu by M/s.The Executive Engineer Public Works Department - For Environmental clearance (SIA/TN/MIN/60577/2019 dated 06.02.2021)

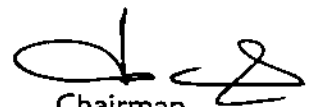
The proposal was placed for appraisal in this 204th meeting of SEAC held on 25.02.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s.The Executive Engineer Public Works Department has applied seeking Environmental Clearance for the Proposed Sand quarry lease over an

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extent of 20.00.0 Ha at S.F.Nos. 321/1 (Part), Vadarangam Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.7254/SEAC/ToR-689/2020 Dated 10.02.2020
4. Public Hearing conducted on 07.01.2021 and the public hearing report submitted.

In the 204th meeting of SEAC held on 25.02.2021, it was minuted that,

"Based on the presentation made and documents furnished by the Project proponent, SEAC decided to make an on-the-spot inspection of the site by the sub-committee constituted by the Committee. Based on the inspection report of the sub-committee the Committee will further deliberate on the project and decide the further course of action."

The sub-committee constituted by the SEAC submitted its inspection report on 24.03.2021. Hence the proposal was placed again for appraisal in this 208th meeting of SEAC held on 24.03.2021.

Observations of the Sub-Committee:

Mining and Monitoring Division of Public Works Department (PWD) of Tamil Nadu had submitted a proposal seeking environmental clearance for a sand quarry in the Coleroonriver bed over an extent of 20.00.0ha at S.F.No. 321/1(P) in Vadarangam Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu.

The salient features of the sand quarry are

- Size :800m × 250m Area : 20.00.0 Hectare
- Theoretical Bed Level: 2,00,000m³
- Details of Shoal Formation :Maximum width - 106.387 m; Average Thickness - 1.396m
- Minimum width - 103.391 m
- Elevation Difference -6.860m
- Quantity: 2,79,364m³ (Shoal above theoretical bed line) +2,00,000m³(sand below theoretical bed line) = 4,79,364m³
- Lease Period: 18 Months

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SEAC - TN
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Member Secretary
SEAC - TN
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- Depth: 1m below theoretical bed level
- Mining method: Opencast Semi Mechanized method. The excavated sand is directly loaded in to the tippers to Consumer site.
- No Drilling or blasting is proposed for this type of Sand quarrying.
- There is a TWAD Board Structure at 1600m.

This proposal was presented by the consultant during the 204th meeting of the SEAC held on 25.02.2021. The SEAC decided to make site inspection by a subcommittee to assess the present status of the site and environmental conditions prevailing in the project site. As per the decision of the 204th meeting, a sub-committee was constituted to make an on-the -spot inspection of the above project site to assess the present status of the site.

Accordingly, the site located in Coleroon riverbed over an extent of 20.00.0ha at S.F.No. 321/1(P) in Vadarangam Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu with the co-ordinates as below was inspected by the sub-committee on 28.02.2021(Sunday).

Point No	Latitude	Longitude
1	11°17'09.71" N	79°38'38.61" E
2	11°17'35.56" N	79°38'38.47" E
3	11°17'35.56" N	79°38'46.70" E
4	11°17'09.70" N	79°38'46.84" E

The Sub-Committee held detailed discussions with the officers' present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information. The photographs of the site taken at the time of site visit are attached in the inspection report.

1. The total mine lease area is 20.00.0ha and the estimated mineable sand is 2,00,000m³& shoals is 2,79,364m³ for 18Months.

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2. There is one Infiltration well on the other side of the river which is around 1.2 km distance from the proposed mining area.
3. No HT lines were observed within a distance of 500 m around this proposed sand quarry site.
4. There was good amount of surface water flow near both the banks of the river.
5. They are planning to transport the sand through tippers at least for a distance of about 5km where it is technically possible to create the ramp and to travel at least about one km to the stock yard of the sand.
6. Many village people including the President of the Village Panchayat met the committee during the visit and expressed that removal of the shoal would protect them from flooding as the flood would be smoothened and welcome this project.

Based on the observations of the committee, the following recommendations are suggested to the committee for consideration and approval.

1. The proponent needs to protect the river bed during mining and transportation activities following the guidelines provided in the Sand Mining Manual published by the MoEF&CC.
2. The road for the transport should be made of biological materials as per the direction of Hon'ble High court of Madras.
3. The approach road to the river should be maintained properly in such a way that the movement of tippers should not affect the local activities as well as without any disturbance to the local people by way of increasing the fugitive emissions and/or noise levels.
4. The ultimate depth of sand mining should be limited to the theoretical bed level as the shoal formation in this area is particularly good and removal of the same would reduce the probability of flood entering into the neighboring villages.
5. The worked out theoretical bed levels (longitudinal section) need to be submitted to SEIAA before starting the mining operation.

Based on the inspection report, presentation made and the documents furnished by the

Member Secretary
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Dr. S. SELVAN
Member Secretary
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Proponent, the SEAC held detailed discussions and decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

1. Permitted ultimate depth of mining is restricted to theoretical bed level. Hence the quantity that shall be mined up to theoretical bed level as per the approved mining plan is 2,79,364m³.
2. During mining and transporting, it is necessary to see that there should not be any damage for the bunds.
3. Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The proponent shall ensure compliance of the conditions imposed in the Precise Area Communication letter and Mine Plan Approval at all times.
7. The quarrying activity shall be stopped in case 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.
8. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Agenda No: 208-30-TA5

(File No: 7066/2020)

Proposed Sand quarry lease over an extent of 20.00.0 Ha at S.F.Nos.782/1 (Part),Methirivelur Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu by M/s. The Executive Engineer Public Works Department - For Environmental clearance. (SIA/TN/MIN/60855/2019 dated 29.01.2021)

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



The proposal was placed for appraisal in this 204th meeting of SEAC held on 25.02.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, M/s. The Executive Engineer Public Works Department has applied seeking Environmental Clearance for the Proposed Sand quarry lease over an extent of 20.00.0 Ha at S.F.Nos. 782/1 (Part), Methirivelur Village, Sirkazhi Taluk, Nagapattinam District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.7066/SEAC/ToR-659/2020 Dated 06.11.2019
4. Public Hearing conducted on 07.01.2021 and the public hearing report submitted.

In the 204th meeting of SEAC held on 25.02.2021, it was minuted that,

"Based on the presentation made and documents furnished by the Project proponent, SEAC noted that the data furnished in the EIA report are very old and directed the Proponent to furnish the latest data on current river bed levels along with contour map, and rework the sand availability so that the actual picture would be available to the committee. On receipt of the same the Committee decided to make an on- the- spot inspection of the site by the sub-committee constituted by the Committee."

The sub-committee constituted by the SEAC submitted its inspection report on 24.03.2021. Hence the proposal was placed again for appraisal in this 208th meeting of SEAC held on 24.03.2021.

Observations of the Sub-Committee:

Mining and Monitoring Division of Public Works Department (PWD) of Tamil Nadu had submitted a proposal seeking environmental clearance for a sand quarry in the Coleroonriver bed over an extent of 20.00.0ha at S.F.No. 782/1(P) in Mathrivellur Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu.

Member Secretary
SEAC - TN
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Chairman
SEAC - TN
Chennai-15



The salient features of the sand quarry are

- Size : 800m x 250m Area : 20.00.0 Hectare
- Theoretical Bed Level: 2,00,000m³
- Details of Shoal Formation : Maximum width - 106.387 m; Average Thickness - 1.977m
- Minimum width - 103.391 m
- Elevation Difference – 6m
- Quantity: 2,53,991m³ (Shoal above theoretical bed line) +2,00,000m³(sand below theoretical bed line) = 4,53,991m³
- Lease Period: 3 Years
- Depth: 1m below theoretical bed level
- Mining method: Opencast Semi Mechanized method. The excavated sand is directly loaded in to the tippers to Consumer site.
- No Drilling or blasting is proposed for this type of Sand quarrying.

This proposal was presented by the consultant during the 207th meeting of the SEAC held on 17.03.2021. The SEAC decided to make site inspection by a subcommittee to assess the present status of the site and environmental conditions prevailing in the project site. As per the decision of the 207th meeting, a sub-committee was constituted to make an on-the -spot inspection of the above project site to assess the present status of the site.

Accordingly, the site located in Coleroon riverbed over an extent of 20.00.0ha at S.F.No. 782/1(P) in Mathrivellur Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu with the co-ordinates as below was inspected by the sub-committee on 21.03.2021(Sunday).

Point No	Latitude	Longitude
1	11°18'12.81" N	79°39'19.01" E
2	11°18'20.73" N	79°39'17.50" E
3	11°18'25.55" N	79°39'43.40" E

Member Secretary
SEAC - TN
Dr. S. SELVAN
Member Secretary
SEAC - TN
Chennai-15

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

4	11°18'17.59" N	79°39'44.96" E
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The Sub-Committee held detailed discussions with the officers present and assessed the prevailing site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information.

1. The total mine lease area is 20.00.0ha and the estimated mineable sand is 2,00,000m³ & shoals is 2,53,991m³ for 3 Years.
2. No HT line was observed within a distance of 500 m around this proposed sand quarry site.
3. There was good amount of surface water flow near both the banks of the river.
4. They are planning to transport the sand through tippers atleast for a distance of about 5km where it is technically possible to create the ramp and to travel atleast about one km to the stock yard of the sand.
5. Many village people including the President of the Village Panchayat met the committee during the visit and expressed that removal of the shoal would protect them from flooding as the flood would be smoothened and welcome this project.

Based on the observations of the committee, the following recommendations are suggested to the committee for consideration and approval.

1. The proponent needs to protect the riverbed during mining and transportation activities following the guidelines provided in the Sand Mining Manual published by the MoEF&CC.
2. The road for the transport should be made of biological materials as per the direction of Hon'ble High court of Madras.
3. The approach road to the river should be maintained properly in such a way that the movement of tippers should not affect the local activities as well as without any disturbance to the local people by way of increasing the fugitive emissions and/or noise levels.

Member Secretary
SEAC -TN

Dr. S. SELVAN
Member Secretary
SEAC - TN
Chennai-15




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SEAC - TN

Dr. S. MOHAN
Chairman
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Chennai-15

4. The ultimate depth of sand mining should be limited to the theoretical bed level as the shoal formation in this area is particularly good and removal of the same would reduce the probability of flood entering into the neighboring villages.
5. The worked out theoretical bed levels (longitudinal section) need to be submitted to SEIAA before starting the mining operation.

Based on the inspection report, presentation made and the documents furnished by the Proponent, the SEAC held detailed discussions and decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

1. Permitted ultimate depth of mining is restricted to theoretical bed level. Hence the quantity that shall be mined up to theoretical bed level as per the approved mining plan is 2,53,991m³.
2. During mining and transporting, it is necessary to see that there should not be any damage for the bunds.
3. Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
6. The proponent shall ensure compliance of the conditions imposed in the Precise Area Communication letter and Mine Plan Approval at all times.
7. The quarrying activity shall be stopped in case 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.
8. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall furnish the detailed EMP mentioning all the activities as directed by SEAC in the CER and furnish the same.

Member Secretary
SEAC - TN
Dr. S. SELVAN
Member Secretary
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Dr. S. MOHAN
Chairman
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Agenda No: 208-31-TA6

(File No: 8239/2020)

Proposed Rough stone quarry lease over an extent of 1.05.0ha at S.F.Nos. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukottai District, Tamil Nadu by M/s. Veeram Stone Pvt Ltd- For Environmental Clearance. (SIA/TN/MIN/192704/2021, dt: 12.01.2021)

The proposal was placed in this 205th SEAC Meeting held on 03.03.2021. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Veeram Stone Pvt Ltd has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.05.0ha at S.F.Nos. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to make a site-visit by the sub-committee of SEAC so as to assess the present status of the project site and asses the ecological damages.

The sub-committee constituted by the SEAC submitted its inspection report on 24.03.2021. Hence the proposal was placed again for appraisal in this 208th meeting of SEAC held on 24.03.2021.

Observations of the Sub-Committee:

The salient features of the sand quarry are

- Existing pit dimension Size : 177m x 39m x 9.7m,
- The proponent (lessee) has excavated 68,850m³ of Rough Stone up to 24.08.2020.

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- The proponent has applied for EC modification for remaining leases period One Year Seven Months (14.08.2020 to 13.03.2021) over an extent of 1.05.0ha at S.F.Nos. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukottai District, Tamil Nadu.
- Now applied for EC modification production for 92626cu.m of Rough stone and ultimate depth of mining is 25m.
- The Modification mining plan approved by Deputy Director, Geology and Mining Department, Pudukottai District vide letter Rc.No.279/2020 (G&M) dated: 30.09.2020.
- Mining method: Opencast Semi Mechanized method.
- The ground water table is 38m below ground level

This proposal was presented by the consultant during the 205th meeting of the SEAC held on 03.03.2021. The SEAC decided to make site inspection by a subcommittee to assess the present status of the site and environmental conditions prevailing in the project site. As per the decision of the 205th meeting, a sub-committee was constituted to make an on-the -spot inspection of the above project site to assess the present status of the site.

Accordingly, the site located in Rough stone quarry lease over an extent of 1.05.0ha at S.F.Nos. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukottai District, Tamil Nadu with the co-ordinates as below was inspected by the sub-committee on 20.03.2021(Saturday).

Point No	Latitude	Longitude
1	10°28'08.96" N	78°46'00.37" E
2	10°28'03.58" N	78°45'57.39" E
3	10°28'09.64" N	78°45'58.79" E
4	10°28'04.52" N	78°45'55.27" E

The Sub-Committee held detailed discussions with the proponent and assessed the prevailing

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site conditions to collect the factual information and took photographs of the salient features of the site to get the first-hand information.

- 1) There is no quarrying operation during the visit.
- 2) The fencing posts are there without the warped wires.
- 3) There are eucalyptuses and Casorina trees are planted around two sides of the mine.
- 4) Proponent informed that they had stopped mining after the prescribed quantity of allowable minerals achieved 68850m³ as directed by Assistant Director (Mines). Proponent also applied for modified Environmental Clearance for quantity increase from 68850m³ to 92626m³ the ultimate depth of mining is 25m. The proponent informed that the lease period is getting over on 13.03.2022

Sub-committee Recommendations:

1. Barbed wire fencing around the mining should be done with immediate effect.
2. Miyawaki scheme of plantation needs to be made surrounding the mine for a width of 7.5m

Since the other project with the same proponent (File No.7962) is only around 3km away, the subcommittee visited the same and it was observed that there is no mining activity in that mine. The proponent informed that earlier lessee has mined up to a maximum depth of 5m.

Based on the inspection report, presentation made and the documents furnished by the Proponent, the SEAC held detailed discussions and decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions:

1. The proponent shall develop green belt following Miyawaki scheme all along the periphery of the proposed site for a width of 7.5m.
2. The proponent shall develop barbed wire fencing around the mining should be done with immediate effect.
3. A bench height of 5m needs to be maintained as per the approved mining plan considering the hydro-geological regime of the surrounding area as well as for safe mining.

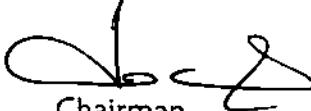
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4. The project proponent should install cautionary boards at the entry and at strategic locations of the mining site displaying caution notice to the public about the danger of entering the mining area.
5. The proponent shall form the proper benches as per the approved mine plan during the operation of the quarry.
6. Fugitive emission measurements should be carried out during the mining operation and the report on the same may be submitted to SEIAA once in six months.
7. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
8. 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 of the same before obtaining the CTO from TNPCB.
9. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
10. Ground water quality monitoring should be conducted once every six months and the report shall be submitted to TNPCB.
11. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
12. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
13. 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.
14. The operation of the quarry should not affect the agriculture activities & water bodies

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near the project site and a safety distance of 50m from the water body should be left vacant without any mining activity.

15. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
16. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
17. 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.
18. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the concerned District Authorities.
19. 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.
20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
22. 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.

Thanking the Chairman, Member Secretary and the Members of SEAC-TN, the 208th meeting of SEAC came to an end at 9.45 PM.

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