

PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Shamseer V.K, at Re Survey Nos. 2/18, 2/20, 2/46, 2/76, 2/11, 2/78 in Raroth Village, Thamarassery Taluk, Kozhikode.
(SIA/KL/MIN/134486/2020, 1790/EC4/2020/SEIAA}**

Sri. Shamseer V.K, Varuvil Kayayil House, Vadikkal, Valiyaparamba P.O, Kozhikode-673572 submitted an Environmental Clearance application through PARIVESH on 01.01.2020 for the Granite Building Stone Quarry Project, for an area of 0.9926 Ha, in Re-Sy. Nos. 2/18, 2/20, 2/46, 2/76, 2/77, 2/78 of Raroth Village, Thamarassery Taluk, Kozhikode, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 5 years. After the due appraisal, the SEAC in its 142nd meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent has to comply OM dated 17-05-2022 of MoEF&CC if the project area falls within 10 km radius of Wild Life Sanctuary as per the directions contained in the Honourable Supreme Court Judgement dated 26.4.2023 in IA 13177 of 2022.***
- 2. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should***

strictly follow the Kerala Minor Mineral Concession Rules 2015 and its amendments thereby.

- 3. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. A copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 4. Development of green belt should be initiated prior to the commencement of mining using indigenous species.*
- 5. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
- 6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).*
- 9. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 10. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites*
- 11. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*
- 12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 13. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 14. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*

15. *Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
16. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
17. *If the abandoned quarries located near to the site belong to project proponent, he/she shall carry out final closure plan within 6 months as per the approved mine closure plan and submit the progress of the closure activities along with the HYCR.*
18. *Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.*
19. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
20. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
21. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
22. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
23. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance*

of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

24. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.2

Environmental Clearance application for the Granite Building Stone Quarry of Sri. Baiju Joseph for an area of 0.9307 Ha. (2.2997 Acres) at Sy Nos. 463/5-4, 468/3-1 & 468/4-1, Thirumarady Village, Muvattupuzha Taluk, Ernakulam, Kerala (SIA/KL/MIN/137919/2020; 2059/EC3/2022/SEIAA)

Sri. Baiju Joseph submitted an application for the mining of Granite Building Stone Quarry over an extent of 0.9307 Ha. (2.2997 Acres) at Sy Nos. 463/5-4, 468/3-1 & 468/4-1, in Thirumarady Village, Muvattupuzha Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 6 years. After the due appraisal, the SEAC in its 142nd meeting, recommended EC with the project life of 6 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noted that as per the Cluster Certificate, there were several permits for the quarry. Hence the Authority decided to direct the project proponent to submit the details of each permit/lease included in both cluster certificates and the copy/copies of corresponding EC if accorded. The project proponent may be informed to submit the same for the perusal of SEIAA and the copy of the letter shall be marked to the District Geologist for information.

Item No.3**Environmental Clearance of the proposed Granite Building Stone Quarry of Sri. Deepak Cheerothy at Sy. Nos: 171/2-2, 171/4 in Karukutty Village Aluva Taluk, Ernakulam, Kerala (SIA/KL/MIN/156655/2020; 1754/EC3/2020/SEIAA)**

Sri. Deepak Cheerothy submitted an Environmental Clearance application for the Granite Building Stone Quarry project at Sy. Nos. 171/2-2, 171/4 in Karukutty Village Aluva Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 5 years. After the due appraisal, the SEAC in its 142nd meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Since there is no bench wise production details in the Mining Plan, the mineable reserve shall be reworked by the District Geologist by limiting the depth to 70m above MSL. Permit / lease shall be issued accordingly*
- 4. The ultimate mine depth should be limited to 70m above MSL instead of 60m above MSL.*
- 5. Development of green belt using indigenous species should be initiated prior to the commencement of mining.*

6. *The impact of vibration due to blasting on the houses and built structures within 200m should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
7. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
8. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration*
9. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).*
10. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
11. *Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites*
12. *CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*
13. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
14. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
15. *Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
16. *As the project site is located in an abandoned quarry the possible and relevant final mine closure activities as per the previous approved mining plan shall be carried out and the activities so carried out shall be mentioned in the half yearly completion report.*
17. *Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.*
18. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*

19. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
20. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.4

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Sudheermon. P.P at Survey No. 217/4, in Pulpatta Village, Eranad Taluk, Malappuram, Kerala
(SIA/KL/MIN/169289/2020, 1843/EC6/2020/SEIAA)**

Sri. Sudheermon. P. P S/o Saidalavi Padikuth (H) Chengara, Iruvetty (P.O) Malappuram, submitted an Environmental Clearance application through PARIVESH on

02.12.2020 for the Granite Building Stone Quarry project, for an area 0.9569 Ha at Survey No. 217/4 in Pulpatta Village, Eranad Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan, the mine life is 5 years. After the due appraisal, the SEAC in its 142nd meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions. The Authority also noted that based on a complaint, the SEAC recommended to issue EC only after the verification of the authenticity of the Mining Plan by the District Office of the Mining & Geology Department, Malappuram.

In the above circumstance, the Authority decided to refer the complaint to the Department of Mining & Geology and the District Geologist for enquiry and report. After receipt of the report, the Project Proponent and the Complainant shall be given an opportunity for hearing.

Item No.5 Environmental Clearance for the Building Stone Minor Mineral Mining (Quarry) project of M/s Rockfield Estates Pvt. Ltd. at Block No. 48 Re-Survey No. 400/1, 400/2, 401/5-2, 406/5 in Chengalam (E) Village, Kottayam Taluk, Kottayam, Kerala. (SIA/KL/MIN/175300/2020; 1987/EC3/2022/SEIAA)

Sri. Shibu Mathew, Managing Director, M/s. Rockfield Estates Pvt. Ltd. submitted an Environmental Clearance application *via* PARIVESH Portal on 29 April 2022, for the Building Stone Quarry project of M/s Rockfield Estates Pvt. Ltd. at Block No. 48, Re-Sy No. 400/1, 400/2, 401/5-2, 406/5 in Chengalam (E) Village, Kottayam Taluk, Kottayam, Kerala.

The Authority noticed that there is an O.A. No. 56/2022 against the Project Proponent and M/s Palathara Constructions Pvt. Ltd, which is pending with Hon^{ble} NGT (SZ). The Hon^{ble} NGT prima facie made out a case against both Respondents - Respondent No.4 (Palathara Construction Pvt. Ltd.) & Respondent No. 5 (Rock Field Estates Pvt. Ltd). The Hon^{ble} NGT also enquired about the present position of EC issued by SEIAA. Hence taking precautions, the Authority decided to defer the proposal for the outcome of the NGT Order to take further decision on M/s. Rockfield Estates Pvt. Ltd.

The Authority also directed the project proponent, M/s Palathara Construction Pvt Ltd to get a environmental damage assessment report done by a NABET Accredited Agency for verification and evaluation by SEAC.

Item No.6 **Environmental Clearance for the building stone quarry for an Area of 0.7694 Ha at Re-Survey Nos. 10/1- 2, 10/1-3, 10/9, Block No.16 of Mookkannoor Village, Aluva Taluk, Ernakulam, Kerala. (SIA/KL/MIN/189134/2020; 1953/EC3/2022/SEIAA)**

Sri. Amal P. Wilson submitted an Environmental Clearance application for the building stone quarry project for an area of 0.7694 Ha at Block No.16, Re-Survey Nos. 10/1-2, 10/1-3,10/9, in Mookkannoor Village, Aluva Taluk, Ernakulam, Kerala

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 5 years. After the due appraisal, the SEAC in its 142nd meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The mining should be limited to 50m above MSL considering the depth to water table.*
- 4. Compulsory use of muffling arrangements during blasting in addition to NONEL blasting*

5. *Regulate blasting to a time fixed in consultation with the local population in the vicinity of the proposed site*
6. *Road should be widened to 7m width as per the plan submitted prior to the commencement of mining.*
7. *All the mitigation measures provided in the EMP should be implemented on priority.*
8. *Development of green belt using indigenous species should be initiated prior to the commencement of mining.*
9. *The impact of vibration due to blasting on the houses and built structures within 500m should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining to ensure that there is no impact and the result should be displayed in front of the project entry gate.*
10. *The impact of vibration due to blasting on the houses and built structures within 500m should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay should be monitored and the result included in the Half Yearly Compliance Report.*
11. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
12. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration*
13. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).*
14. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
15. *Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites*
16. *CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*

17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
18. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
19. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
20. *Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
21. *A monitoring Committee should be constituted under the Chairmanship of the elected ward member, representative of the proposed mining project and representatives of the complainants.*
22. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
23. *If the abandoned quarry located near to the site belong to project proponent, he/she shall carry out final closure plan within 6 months as per the approved mine closure plan and submit the progress of the closure activities along with the HYCR.*
24. *As the project site is located in an abandoned quarry the possible and relevant final mine closure activities as per the previous approved mining plan shall be carried out and the activities so carried out shall be mentioned in the half yearly completion report.*
25. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
26. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
27. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise.*

The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.

28. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
29. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
30. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.7

Environmental Clearance for the Granite Building Stone Quarry M/s Puthalam Construction Private Limited, for an area of 2.0235 Ha at Block No.64, Re-Survey Nos. 21/149, 21/124, 21/145, 21/148, 21/147, 21/156, 21/144 (Old Sy.No.21/1A1) in Kolayad Village, Thalassery Taluk, Kannur, Kerala
(SIA/KL/MIN/195129/2021; 1893/EC4/2021/SEIAA}

Smt. Sini Joseph, Director, M/s Puthalam Constructions Pvt. Ltd, PP 11 408 A, V. K. Crusher, Vellarvally, Kannur-670673 submitted an Environmental Clearance application through PARIVESH on 27.01.2021 for the proposed Granite Building Stone Quarry Project for an area of 2.0235 Ha at Re-Sy. Block No.64, Re-Sy. Nos. 21/149, 21/124, 21/145, 21/148, 21/147, 21/156, 21/144, (Old Sy.No.21/1A1) in Kolayad Village, Thalassery Taluk, Kannur, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 8 years. After the due appraisal, the SEAC in its 141st meeting recommended EC for a Project Life of 8 years with certain Specific Conditions in addition to the General Conditions.

The proposal was placed in the 127th meeting of SEIAA held on 30th & 31st May 2023. Authority decided to hear the project proponent in the next SEIAA meeting to clarify the details regarding the quantity of topsoil/overburden, management plan, and area proposed for storage, protective measures to be adopted to avoid the seepage of overburden, etc. The Authority heard the Project Proponent and Consultant and considered the details regarding topsoil management proposed.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

The Authority decided to issue Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 8 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the*

Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.

- 3. The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. Development of green belt using indigenous species should be initiated prior to the commencement of mining.*
- 5. The impact of vibration due to blasting on the houses and built structures within 200m should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
- 6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).*
- 9. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 10. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites*
- 11. Maximum height of top soil dump must be limited to 6 m.*
- 12. Ensure that drainage from top soil dump is not polluting nearby water bodies.*
- 13. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*
- 14. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 15. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*

16. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
17. *Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
18. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
19. *If the abandoned quarry located near to the site belong to project proponent, he/she shall carry out final closure plan within 6 months as per the approved mine closure plan and submit the progress of the closure activities along with the HYCR.*
20. *As the project site is located in an abandoned quarry the possible and relevant final mine closure activities as per the previous approved mining plan shall be carried out and the activities so carried out shall be mentioned in the half yearly completion report.*
21. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
22. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
23. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
24. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides,*

formation of cracks in the surrounding buildings and disturbance to human and wildlife.

25. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
26. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.8

Environmental Clearance for the Granite Building Stone Quarry project of Sri. C. K. Abdul Azeez, Managing Director, M/s Grand Stone Metals Pvt. Ltd. for an area of 4.9039 Ha at Survey No. 425 in Kannamangalam Village, Thirurangadi Taluk, Malappuram (SIA/KL/MIN/199564/2021; 1356/EC2/2019/SEIAA)

Sri. C. K. Abdul Azeez, Managing Director, M/s Grand Stone Metals Pvt. Ltd. Malappuram, submitted an Environmental Clearance application through PARIVESH on 20.07.2021 for the Granite Building Stone Quarry project, for an area of 4.9039 Ha at Survey No. 425 in Kannamangalam Village, Thirurangadi Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 25 years. After the due appraisal, the SEAC in its 142nd meeting recommended EC for a Project Life of 25 years with certain Specific Conditions in addition to the General Conditions.

The Authority observed that 76% of the site falls in the Moderate Hazard Zone and as per the Kerala State Disaster Management Plan 2016, quarrying in Moderate hazard zone shall be permitted only after getting the approval of the District Level Crisis Management Group for Mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05- 2014. SEAC has also recommended for the same.

Hence the Authority decided to direct the project proponent to submit the NOC from the District Level Crisis Management Group for Mining.

Item No.9 Environmental Clearance for the Building Stone Quarry of Smt. K. Malathy for an area of 3.9800 Ha at Sy. No. 253/14, 266/1 & 266/2 in Cherukavu village Kondaty Taluk, Malappuram (SIA/KL/MIN/204626/2021, 1351/EC2/2019/SEIAA)

Smt. Malathy. K, Kottarathil House, Kannanvettikavu, Ambalakandi, Cherukavu, Pulikkal, Malappuram submitted an Environmental Clearance application through PARIVESH on 11.07.2021 for the Granite Building Stone Quarry for an area of 3.9800 Ha at Sy. No. 253/14, 266/1 & 266/2 in Cherukavu village Kondaty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, EIA Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 10 years. After the due appraisal, the SEAC in its 139th meeting recommended EC for a Project Life of 10 years with certain Specific Conditions in addition to the General Conditions.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

The Authority decided to issue Environmental Clearance initially for a period of 5 years and then to extend the EC period to cover the project life of 10 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

The EC is subject to General Conditions and the following Additional Specific Conditions.

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
4. *The depth of mining should be limited to 80m above MSL or 10m above the local water table and the quantity of mineral should be reassessed accordingly.*
5. *The mitigation measures committed by the Project Proponent during the public hearing must be fulfilled.*
6. *Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.*
7. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.*
8. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
9. *Impact of vibration due to blasting on the houses and built structures upto 200m from the project boundary should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
10. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented*
11. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
12. *The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.*

13. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
14. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
15. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.
16. As the project site is located in an abandoned quarry the possible and relevant final mine closure activities as per the previous approved mining plan shall be carried out and the activities so carried out shall be mentioned in the half yearly completion report.
17. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.
18. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority
19. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
20. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.
21. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.10

Environmental Clearance for the Granite Building Stone Quarry of Sri. Jayaprakash K for an area of 4.4462 Ha at Sy. No. 253/14 & 266/2 of Cherukavu Village, Kondaty Taluk, Malappuram (SIA/KL/MIN/204850/2021; 1352/EC2/2019/SEIAA)

Sri. Jayaprakash. K, Kottarathil House, Kannanvettikavu, Ambalakandi, Cherukavu, Pulikkal, Malappuram submitted an Environmental Clearance application through PARIVESH on 12.07.2021 for the Granite Building Stone Quarry, for an area of 4.4462 Ha at Sy. No. 253/14 & 266/2 of Cherukavu Village, Kondaty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 10 years. After the due appraisal, the SEAC in its 139th meeting recommended EC for a Project Life of 10 years with certain Specific Conditions in addition to the General Conditions.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

The Authority decided to issue Environmental Clearance initially for a period of

5 years, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 10 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. The mitigation measures committed by the proponent during the public hearing must be complied with.*
- 5. Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.*
- 6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.*
- 7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
- 8. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
- 9. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented*

10. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
11. *The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.*
12. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
13. *Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office.*
14. *The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.*
15. *If the abandoned quarry located near to the site belong to project proponent, he/she shall carry out final closure plan within 6 months as per the approved mine closure plan and submit the progress of the closure activities along with the HYCR.*
16. *As the project site is located in an abandoned quarry the possible and relevant final mine closure activities as per the previous approved mining plan shall be carried out and the activities so carried out shall be mentioned in the half yearly completion report.*
17. *Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.*
18. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
19. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
20. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*

21. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.11

Environmental Clearance for the Granite Building Stone Quarry of Sri. Jimmy Jose, for an area of 0.9950 Ha at Sy. No. 318/2/2, 318/2/3 in Venganellur Village, Thalappilly Taluk Thrissur (SIA/KL/MIN/229494/2021; 2029/EC6/2022/SEIAA)

Sri. Jimmy Jose, Designated Partner, Hilton Stones Aggregates LLP, Thrissur submitted an Environmental Clearance application through PARIVESH on 07.06.2022 for the Granite Building Stone Quarry Project for an area of 0.9950 Ha at Sy. Nos. 318/2/2, 318/2/3 in Venganellur Village, Thalappilly Taluk, Thrissur.

The Authority noted the action taken by SEAC in its 132nd, 134th & 142nd meetings held on different dates. The SEAC in its 142nd meeting examined the proposal and discussed the field inspection report conducted on 29-03-2023. The SEAC observed that the District Collector, Thrissur as per Letter dated.28.04.2023 intimated that the quarrying can't be permitted in the land since the proposed area is assigned for rubber plantation as per the KLR Act 1963.

The SEAC also noted that as per the Circular No. REV-A2/18/2022-REV dated 06.10.2022, the assigned land should be used only for cultivation or house cites beneficial enjoyment of adjoining lands or for other specific and special purposes, under the KLA Act

1960 and the Rules framed there under, such as the KLA rules 1964, the Special Rules for Assignment of Government Lands for Rubber Cultivation 1960 and the Arable Forest Land Assignment Rules 1970. If any of the violations like mining, quarrying, construction activities etc, are noticed on the assigned land, Tahsildar/District Collector should take necessary action to stop such activities and resume the land as per the provisions of the KLA Act 1960 and the rules framed there under. The Circular is issued to uphold the common judgment dated 25.5.2022 in WP(C) Nos. 11249/2010 and connected cases of the Hon'ble High Court of Kerala in letter and spirit. Therefore, the 142nd SEAC recommended rejection of the project proposal.

Authority noticed that the 'Sreekrishna Estate' comes under the Category of assigned land as per the report of Tahsildhar, Thalappilly, Thrissur and hence should not be used for other purpose. The Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to the Project Proponent quoting the reasons for rejection.

**Item No.12 Environmental Clearance for the Mining of Laterite Building Stone project of Babu Joseph, Keezeth, Edakkattuvayal, at Re-Survey No.33/10 in Edakkattuvayal Village, Kanayannoor Taluk, Ernakulam, Kerala
(SIA/KL/MIN/235350/2021; 2061/EC3/2022/SEIAA)**

Sri. Babu Joseph, Keezeth, Chethicode, Edakkattuvayal, Ernakulam, submitted an Environmental Clearance application on 28 July 2022, via PARIVESH for the mining of Laterite Building Stone project at Re-Survey No. 33/10 in Edakkattuvayal Village, Kanayannoor Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 2 year. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 2 (two) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The mining should be done by maintaining a buffer of 50m between the project area and built structure.*
- 4. The excavation activity associated should not involve blasting.*
- 5. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 6. The excavation activity should not alter the natural drainage pattern of the area*
- 7. The excavated pit should be restored by the project proponent for useful purpose*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 9. Measures should be taken to prevent dust emission by covering of excavated earth during transportation*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 11. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 13. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
- 14. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 15. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any*

hindrance.

- 16. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
- 17. Measures incorporated in the CER should be implemented as per norms*
- 18. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 19. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.13

**Granite Building Stone Quarry of Sri. Adeshkumar C.S in Survey No. 208/1-62,208-1-28 in Alanallur-III Village, Mannarkkad Taluk, Palakkad District, Kerala
(SIA/KL/MIN/239186/2021; 2056/EC1/2022/SEIAA)**

The Authority perused the item and noted that Committee in its 143rd meeting decided to bring to the notice of the SEIAA that the operation of the two quarries of Mannarkkad Taluk Karinkal Quarry Operators Vyavasaya Sahakarana Sangham, functional adjacent to the proposed site, prima-facie is not in compliance to the conditions stipulated in the Mining Plan

and EC.

The Authority decided to forward the observation of SEAC to the District Collector, Palakkad and the District Geologist, Palakkad to take necessary action against the two quarries. The Authority also noted that the SEAC in its 143rd meeting directed the project proponent to submit certain documents. The Authority decided to direct the project proponent to submit all the documents sought by the SEAC.

Item No.14

**Environment Clearance for mining of M/s Perumannoor Granites Private Limited for an extent of 3.5238 Ha. at Sy No. 611/1A/19W/17, 611/1A/19W/19, 611/1A/83/13/16, 611/1A/84/14/23 & 611/1A/196/73/2 in Keerampara Village, Kothamangalam Taluk, Ernakulam, Kerala
(SIA/KL/MIN/267357/2022; 2034/EC3/2022/SEIAA)**

The Authority perused the item and noted that the project proponent has submitted the recent Cluster Certificate from the Department of Mining and Geology. Hence the Authority decided to refer the case back to SEAC to reconsider the decision in the light of new Cluster Certificate. The Project Proponent has to comply the OM dated 17/05/2022 of MoEF & CC as per the directions contained in the Honourable Supreme Court Judgement dated 26.4.2023 in IA 13177 of 2022.

Item No.15

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Saburaj E.G. for an extent of 0.0971 Ha, at Survey No-246/1PT401 in Kinanur Village, Vellarikkund Taluk, Kasaragod, Kerala
(SIA/KL/MIN/273789/2022; 2117/EC2/2022/SEIAA)**

Sri. Saburaj E. G. submitted an Environmental Clearance application for the mining of Laterite building stone quarry project for an extent of 0.0971 Ha at Survey No-246/1PT401 in Kinanur Village, Vellarikkund Taluk, Kasaragod, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine

life is 1 year. After the due appraisal, the SEAC in its 142nd meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*

13. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
14. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
15. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
16. *Measures incorporated in the CER should be implemented as per norms*
17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
19. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
20. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.16

Granite Building Stone Quarry of Sri. James Joseph, Managing Partner, M/S J&P Constructions at Survey Nos. 322, 323/1, 323/2 in Ongallur- I Village, Pattambi Taluk, Palakkad, Kerala (SIA/KL/MIN/274693/2022; 2055/EC1/2022/SEIAA)

Sri. James Joseph, Managing Partner, M/S J&P Constructions, Kizhakkambalam P.O, Aluva, Ernakulam- 683562, submitted an Environmental Clearance application via PARIVESH for the Granite Building Stone Quarry at Survey Nos. 322, 323/1, 323/2 in Ongallur- I Village, Pattambi Taluk, Palakkad.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 12 years. After the due appraisal, the SEAC in its 143rd meeting recommended EC for a Project Life of 12 years with certain Specific Conditions in addition to the General Conditions.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

The Authority decided to issue Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 12 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should*

strictly follow the Kerala Minor Mineral Concession Rules 2015 and its amendments thereby.

- 2. The EC shall be valid from the date of execution of the permit/lease from the Department of Mining and Geology. A copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. Topsoil dump should be protected with gabion walls.*
- 5. The turbulent water should not get mixed with nearby water bodies.*
- 6. An abandoned quarry is found adjacent to the proposed project area. This land is understood to be owned by the proponent. This abandoned quarry should be protected with fencing to avoid danger to humans and animals and rehabilitated as water storage or for cultivation prior to the commencement of mining.*
- 7. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
- 9. Drainage water should be monitored at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 10. Development of green belt should be initiated prior to the commencement of mining operation*
- 11. CER proposed should be implemented during the first two years and it should be operated and maintained during the rest of the project period till the closure plan is implemented.*
- 12. The impact of vibration due to blasting on the houses and built structures within 500m should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining to ensure that there is no impact and the result should be displayed in front of the project entry gate.*
- 13. The impact of vibration due to blasting on the houses and built structures within 500m should be monitored in terms of Peak Particle Velocity and amplitude for maximum*

charge per delay should be monitored and the result included in the Half Yearly Compliance Report.

- 14. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites*
- 15. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*
- 16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 17. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 18. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
- 19. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
- 20. If the abandoned quarries located near to the site belong to project proponent, he/she shall carry out final closure plan within 6 months as per the approved mine closure plan and submit the progress of the closure activities along with the HYCR.*
- 21. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.*
- 22. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
- 23. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 24. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*

25. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
26. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
27. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.17

**Environmental Clearance for the Laterite building stone quarry project of Sri. Pratheep K. C for an extent of 0.0971 Ha at Survey No- 628/1A1pt12 in Munnad Village, Kasaragod Taluk, Kasaragod, Kerala
(SIA/KL/MIN/279609/2022, 2119/EC2/2022/SEIAA)**

Sri. Pratheep K. C, Ottamavungal House, P. O Shankarampadi, Kasaragod-671541, vide application received on 07.10.2022, sought Environmental Clearance for the proposed Laterite Building Stone Quarry at Survey No. 628/1A1pt12 in Munnad Village, Kasaragod Taluk, Kasaragod District of Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area*
- 6. The excavated pit should be restored by the project proponent for useful purpose*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated earth during transportation*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
- 13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 14. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*

15. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
16. *Measures incorporated in the CER should be implemented as per norms*
17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
19. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
20. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.18

**Environment Clearance for the Granite Building Stone Quarry of Sri. Tom George for an extent of 2.0508 Ha at Sy No. 80/5/B, 80/6 & 82/2/B, in Palakuzha Village, Muvattupuzha Taluk, Ernakulam, Kerala
(SIA/KL/MIN/280530/2022; 2088/EC3/2022/SEIAA)**

Sri. Tom George, S/o K J kuruvila, Keeparayil House, Veliyannoor - Post, Kottayam, Kerala - 686 634 submitted an Environmental Clearance application on 17 Aug 2022, via

PARIVESH, for the Granite Building Stone Quarry for an extent of 2.0508 Ha at Sy No. 80/5/B, 80/6 & 82/2/B in Palakuzha Village, Muvattupuzha Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 8 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC with the project life of 8 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that the depth to water table is mentioned as 9.68 m below ground level in FIR and elevation is 55-100m and the ultimate depth is 25 m. Then the mine pit depth is 30m. As per Mining Plan water level is 4m below ground level. The Authority decided to refer the case back to SEAC to seek clarification in this matter.

Item No.19 Environmental Clearance for the Building Stone Quarry project of P J Jose for an area of 2.7057 Ha. at Pindimana Village, Kothamangalam Taluk, Ernakulam, Kerala (SIA/KL/MIN/288699/2022, 2136/EC3/2022/SEIAA)

The Authority deliberated the item with the observations of all the SEAC meetings and the documents submitted by the project proponent including the Cluster Certificate. As per the Cluster Certificate, the total area of mines in the cluster is 5.9322 Ha. Authority observed that in the 140th SEAC meeting, the Committee observed that the Thattekad bird sanctuary is at a distance of 3.35km and based on the Cluster Certificate dated 12.08.2022, the SEAC directed the PP to submit application for ToR. Then, the Project Proponent submitted another Cluster Certificate dated 14.2.2023 based on the report of the Village Officer and claimed that there is no cluster situation. The SEAC observed that the Cluster Certificate dated 14.02.2023 indicated that the quarries that were reported as working in the cluster certificate dated 12.08.2022 is found not working. It is not clear whether the quarries are closed permanently after the expiry of lease period or EC or not. Therefore, the project proponent should submit clarification from Mining & Geology Department whether the quarries which are stated as “not working” are permanently closed after implementing mine closure plan and if so proof of the implementation of mine closure plan.

After getting the clarification the 143rd SEAC meeting observed that Cluster Certificate condition received from Mining and Geology Department indicates that there is a cluster situation. Therefore, Committee decided to direct the project proponent to submit an application for ToR for conducting EIA study & EMP.

The Authority agreed to the decision of the SEAC and decided to direct the project proponent to submit application for ToR for approval. The project proponent also has to submit an application before the SCNBWL for Wildlife Clearance.

Item No.20 Environment Clearance for the Proposed Granite Building Stone Quarry of M/s Johnson Rocks at Sy. No. 138/4 (Pt) & 140/4 (Pt), Patta Land in Iravon Village, Konni Taluk, Pathanamthitta
(SIA/KL/MIN/290613/2022; 2128/EC1/2022/SEIAA)

Smt. Susamma John, Managing Partner, M/s Johnson Rocks, Payyanamon, Perinjottackal PO, Konni, Pathanamthitta submitted an Environment Clearance application via PARIVESH for the proposed Granite Building Stone Quarry of M/s Johnson Rocks for an extent of 0.8949 Hectares at Sy. No. 138/4 (Pt) & 140/4 (Pt), Patta Land in Iravon Village, Konni Taluk, Pathanamthitta.

The Authority noted the action taken by SEAC in its 141st & 143rd meetings held on different dates. The Committee in its 143rd meeting discussed the field inspection report conducted on 06.05.2023 and observed the following:

1. Panchayat road is 50.3 m away from the BP 11 and is passing parallel to the southern boundary of the project site for a total distance of 190m.
2. The outflow water from the siltation pond will directly reach to the Panchayat road
3. The proposed siltation pond and silt traps are on the steep side and will not get enough settling time and depth for properly settling the drain water. Also may require concrete structures for the siltation tanks and silt traps, otherwise the ponds may prove disastrous during high intensity rainfall.
4. No proper OB dump plan given
5. The area shown for the afforestation program is unsuitable as it is a rocky terrain. Hence an alternate area for compensatory afforestation along with the geo-coordinates of the demarcated area for compensatory afforestation, geo-tagged

photographs of the location, ownership details and number and the type and species of trees, shrubs, herbs and climbers included in the afforestation program.

6. Nearby quarry is owned by the same proponent and is not followed scientific mining

Further, the Committee also observed that the environmental quality data is more than 4 years old. Based on detailed discussions, the Committee decided to recommend rejection of the proposal invoking precautionary principles and based on the following grounds.

- a. The southern portion of the site is very steep where a Panchayat road is located which will be affected due to the outflow discharges, accidental spillages and breaches, if any from the quarry from the quarry.
- b. The higher steepness of the southern portion of the proposed site does not provide feasibility to construct a drainage channel with suitable siltation ponds and silt traps.
- c. The built-structures located in the southern portion of the proposed site, having significant downward slope, will always be on threat of accidental spillages or breaches from the quarry.
- d. The proposed site requires precaution to preserve the natural equilibrium around the areas which is likely to get altered due to the proposed operations.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to the Project Proponent quoting the reasons for rejection.

Item No.21

**Environmental Clearance for Laterite Building Stone Quarry Project of Sri. Mohammed Shafi. E for an area of 0.8593 Ha at Re-Survey No- 449/2 in Vazhakkad Village, Kondotty Taluk, Malappuram
(SIA/KL/MIN/400725/2022; 2128/EC6/2022/SEIAA)**

Sri. Muhammed Shafi.E S/o. Kunjali.E Unniyalungal House Srambya bazar Kuminipparambu- P.O, Malappuram, submitted an Environmental Clearance application through PARIVESH on 22.10.2022 for the Laterite Building Stone Quarry project, for an area of 0.8593 Ha at Re-Survey No- 449/2 in Vazhakkad Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 4 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 4 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 4 (four) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The excavation activity should not alter the natural drainage pattern of the area.*
- 7. The excavated pit should be restored by the project proponent for useful purpose.*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 9. Measures should be taken to prevent dust emission by covering of excavated earth during transportation.*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
- 11. Workers/labourers should be provided with facilities for drinking water and sanitation.*
- 12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*

13. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
14. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented as per norms*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.22

Environmental Clearance for the Granite Building Stone Quarry, of Sri. Saji K. Elias for an area of 0.9586 Ha. at Re Survey No. 300/1, 300/2-1 Block No.41, in Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam, Kerala

(SIA/KL/MIN/403066/2022; 2163/EC3/2022/SEIAA)

Sri. Saji K. Elias submitted an Environmental Clearance application for the building stone quarry project for an area of 0.9586 Ha. at Block no.41, Re Survey No. 300/1,300/2-1 in Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam, Kerala.

The Authority noted that the Committee in its 143rd SEAC meeting examined the documents submitted by the project proponent and found that as per the Cluster Certificate dated 03.12.2012, there are 6 adjacent quarries of which 2 are working and 4 are not working. Letter from Mining and Geology Dated 19.04.23 informed that the 4 non-working quarries were not closed as per the approved mine closure plan. Therefore there is a cluster condition and the committee decided to direct the project proponent to submit application for ToR for conducting EIA/EMP.

The Authority agreed to the recommendation of SEAC and directed the project proponent to submit application for ToR for conducting EIA/EMP. The project proponent may be informed the same.

Item No.23

Environmental Clearance for Laterite building stone quarry of Sri. George Joseph, for an extent of 0.1936 Ha, at Re-Survey No.143/61, 63(143/1) in Perumanna Village, Kozhikode Taluk, Kozhikode, Kerala

(SIA/KL/MIN/403254/2022; 2172/EC4/SEIAA/2022)

Sri. George Joseph, S/o Joseph, Chirayil House, Vadapuram P.O, Malappuram-676542 submitted an Environmental Clearance application through PARIVESH on 02.10.2022 for the Laterite Building Stone Quarry Project for an area of 0.1936 Ha, at Re-Sy. Nos. 143/61, 63(143/1) in Perumanna Village, Kozhikode Taluk, Kozhikode, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 2 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for

the mine life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 2 (two) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
- 13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 14. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
- 15. The drainage system should be cleaned and desilted periodically to facilitate*

unhindered drainage.

- 16. Measures incorporated in the CER should be implemented as per norms*
- 17. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 18. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 19. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 20. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.24

**Environmental Clearance for the Granite Building Stone Quarry of Sri. K. M. Stephen for an extent of 4.9003 Ha. at Block No. 27 (Re-Sy. Block no. 37) Re-Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1, in Karimannur Village, Thodupuzha Taluk, Idukki, Kerala.
(Earlier rejected proposal No. SIA/KL/MIN/126172/2019; 1527/EC1/2019/SEIAA)
(SIA/KL/MIN/405925/2022, File: No. 1527/EC1/2019/SEIAA)**

Sri. K. M. Stephen, Kaniyarkuzhiyil, Karimkunnamp.O, Idukki, Kerala – 685 586 submitted an Environmental Clearance application via PARIVESH on 20/11/2019 for the Granite Building Stone Quarry over an extent of 4.9003 Ha. (12.1086 Acres) at Block No. 27,

(Re-Sy. Block no. 37) Re-Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1, in Karimannur Village, Thodupuzha Taluk, Idukki, Kerala. As directed by the Hon'ble High Court in WP(C) No. 36171 of 2022 filed by Sri. Vincent K. George with a prayer to give an opportunity of being heard, the SEAC heard the project proponent Sri. K M Stephen, his partner, Sri. K J Paul & RQP, Sri. Tambu Cheriyan and the Complainants Sri. Vincent K George and Sri. Joy Varghese in the 140th SEAC meeting.

The project proponent has submitted a detailed hearing note on 11.04.2023 answering the allegation of the complainants. The complainants have not submitted a hearing note even after the prescribed time period. In these circumstances the SEAC in its 143rd meeting appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. After the due appraisal, the Committee, recommended EC for a period of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that, Sri. Vincent K. George again filed a Writ petition before the Hon'ble Court in WP(C) No. 20030 of 2023, to pass an interim order staying all further proceedings pursuant to Ext. P7, pending disposal of the writ petition, in the interest of justice. Since the matter is subjudice, the Authority decided to defer the item. The Standing Counsel is requested to defend the case and the Legal officer to submit a Statement of Facts on priority.

Item No.25

**Environmental Clearance for Laterite building stone quarry of Sri. Muhammed at Survey No. 385/3 in Kappur Village, Pattambi Taluk, Palakkad, Kerala
(SIA/KL/MIN/406956/2022; 2155/EC1/2022/SEIAA)**

Sri. Muhammed, S/o. Enamu, Kanjullynhilil House, Kappur P.O., Mannarkkad, Palakkad submitted Environmental Clearance application via PARIVESH for the Laterite building stone quarry for an extent of 0.0809 Ha at Survey No. 385/3 in Kappur Village, Pattambi Taluk, Palakkad District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal

based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Mineable reserve shall be recalculated at the time of issuance of permit by M&G Department.*
- 4. The excavation activity associated should not involve blasting.*
- 5. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 6. The excavation activity should not alter the natural drainage pattern of the area*
- 7. The excavated pit should be restored by the project proponent for useful purpose*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 9. Measures should be taken to prevent dust emission by covering excavated earth during transportation*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 11. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 13. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*

14. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
15. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
16. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
17. Measures incorporated in the CER should be implemented as per norms
18. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
19. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.
20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.26

**Environmental Clearance for the Proposed Laterite Building Stone Quarry project of Sri. Shijil P.P, for an area of 0.0972 Ha, at Block No. 107, Re-Survey No: 86/2503 in Maniyoore Village, Thaliparamba Taluk, Kannur, Kerala.
(SIA/KL/MIN/407320/2022; 2171/EC4/2022/SEIAA)**

Sri. Shijil P.P, Puthiya Purayil, Kuttiyattoor P.O, Kannur-670602 submitted an Environmental Clearance application through PARIVESH on 21.11.2022 for the Laterite Building Stone Quarry Project for an area of 0.0972 Ha at Re-Sy. Block No.107, Re-Sy.No. 86/2503 in Maniyoor Village, Taliparamba Taluk, Kannur, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 1 year. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*

10. *Workers/labourers should be provided with facilities for drinking water and sanitation*
11. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
12. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
13. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
14. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
15. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
16. *Measures incorporated in the CER should be implemented as per norms.*
17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
19. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
20. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.27

Granite Building Stone Quarry in Re-Survey Nos. 98/2-1, 98/1, 98/1-1 in Nellanad Village, Nedumangad Taluk, Thiruvananthapuram, Kerala by Sri. Abdul Nazar A (Re-uploaded the previous proposal No. SIA/KL/MIN/161967/2020) (SIA/KL/MIN/407637/2022; 1747/EC1/2022/SEIAA)

Sri. Abdul Nazar. A submitted an Environmental Clearance application via PARIVESH for the Granite Building Stone Quarry at Re-Survey Nos. 98/2-1, 98/1, 98/1-1 in Nellanad Village, Nedumangad Taluk, Thiruvananthapuram, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 126th, 128th, 131st, 137th & 143rd meeting held on different dates. Invoking the Precautionary Principle the Committee in its 143rd meeting recommended rejection of the proposal. The Authority observed that the project proponent vide email dated 14.06.2023 requested to give an opportunity of hearing before taking further decision.

The Authority decided to refer back the case to SEAC to give a final recommendation after giving a hearing opportunity to the project proponent.

Item No.28

Environmental Clearance for Laterite building stone quarry of Sri. Muhammed Afsal.T for an area of 0.5579 Ha at Re-Survey No-134/2-9, 134/2-23, 137/3, 137/4 in Pulikkal Village, Kondotty Taluk, Malappuram (SIA/KL/MIN/408064/2022 , 2182/EC6/2023/SEIAA)

Sri. Muhammed Afsal.T, S/o. Kunhali. E Thanari House Melmuri Post Malappuram, submitted an Environmental Clearance application through PARIVESH on 26.12.2022 for the Laterite Building Stone Quarry project for an area of 0.5579 Ha at Re-Survey Nos 134/2-9, 134/2-23, 137/3, 137/4 in Pulikkal Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 3 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for

the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 2 (two) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
- 13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 14. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
- 15. The drainage system should be cleaned and desilted periodically to facilitate*

unhindered drainage.

- 16. Measures incorporated in the CER should be implemented as per norms*
- 17. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 18. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 19. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 20. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.29

Environmental Clearance for the Granite Building Stone Quarry of Sri. K. M. Salim for an area of 0.3840 Ha at Re-Sy. Nos. 178/4, 178/5, 178/6, 178/7 and 178/8 in Killimangalam Village, Thalappilly Taluk, Thrissur

SIA/KL/MIN/40868/2019 , 1447/EC2/2019/SEIAA

Sri. K. M. Salim, Kalapurakkal House, Killimangalam Post, Thrissur, submitted an Environmental Clearance application through PARIVESH on 09.08.2019 for the Granite Building Stone Quarry Project for an area of 0.3840 Ha at Re-Sy. Nos. 178/4, 178/5, 178/6, 178/7 and 178/8 in Killimangalam Village, Thalappilly Taluk, Thrissur.

The Authority perused the proposal and noted the decisions of various SEAC

meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for a period of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

Authority noted that as the project is located within 10 KMs of Peechi Vazhani WLS the Project Proponent has to comply the OM dated 17/05/2022 of MoEF & CC as per the directions contained in the Honourable Supreme Court Judgement dated 26.4.2023 in IA 13177 of 2022.

The Authority noticed that after leaving the buffer distance quarrying is possible only in 0.23 Ha. No scientific mining is possible in this area. The Authority observed that the SEAC has constituted a Sub-Committee to study the feasibility of scientific mining in smaller areas.

The Authority decided to defer the proposal till the receipt of the report from the SEAC and inform SEAC to speed up the process. The Authority also decided to inform the Department of Mining & Geology to take steps to give approval only for mining having minimum area where scientific mining is possible with buffer, benches, drainage plan etc.

Item No.30 Environmental Clearance for Laterite Building Stone Quarry of Sri. Abu Thahir. P. K for an area of 0.9496 Ha at Re-Survey Nos. 339/8, 338/1-1, 477/1-1 in Vazhakkad Village, Kondotty Taluk, Malappuram (SIA/KL/MIN/408697/2022, 2183/EC6/2023/SEIAA

Sri. Abu Thahir. P. K, Pandikadavath (H), Oorakam Melmuri (P O), Karathode, Malappuram submitted an Environmental Clearance application through PARIVESH on 22.12.2022 for the Laterite Building Stone Quarry project for an area of 0.9496 Ha at Re-Survey Nos. 339/8, 338/1-1, 477/1-1 in Vazhakkad Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents

obtained from the Project Proponent during appraisal. As per the approved mining plan mine life is 3 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 3 (three) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The excavation activity associated should not involve blasting.*
- 4. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 5. The excavation activity should not alter the natural drainage pattern of the area.*
- 6. The excavated pit should be restored by the project proponent for useful purpose.*
- 7. Appropriate fencing all around the excavated pit should be made to prevent any mishap*
- 8. Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
- 9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth*
- 10. Workers/labourers should be provided with facilities for drinking water and sanitation*
- 11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation*
- 12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area*
- 13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 14. The drain should be provided with silt traps and siltation pond and the overflow water*

- should be clarified and drained to the nearest natural drain without any hindrance.*
- 15. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
 - 16. Measures incorporated in the CER should be implemented as per norms*
 - 17. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
 - 18. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
 - 19. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
 - 20. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.31

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Vijayan R. at Re-Sy No. 339/4 in Pallikkal Village, Varkala Taluk, Thiruvananthapuram (Re uploading of the proposal No. SIA/KL/MIN/164458/2020)
(SIA/KL/MIN/411101/2022; 1847/EC1/2020/SEIAA**

Sri. Vijayan. R submitted an Environmental Clearance application via PARIVESH for the Granite Building Stone Quarry for an area of 0.3900 Ha at Re-Survey No. 339/4 in Pallikkal Village, Varkala Taluk, Thiruvananthapuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 5 years. After the due appraisal, the SEAC in its 143rd meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that after leaving the buffer distance quarrying is possible only in 0.24 Ha. No scientific mining is possible in this area. The Authority observed that the SEAC has constituted a Sub-Committee to study the feasibility of scientific mining in smaller areas.

The Authority decided to defer the proposal till the receipt of the report from the SEAC and inform SEAC to speed up the process. The Authority also decided to inform the Department of Mining & Geology to take steps to give approval only for mining having minimum area where scientific mining is possible with buffer, benches, drainage plan etc.

Item No.32

Environmental Clearance for the Building Stone Quarry Project of M/s Metarock Private Limited at Block No. 41, Sy. Nos. 340/8, 340/19, 340/22, 341/2-1, 341/2-2, 341/2-3, 341/3, 341/8, 341/8-1, 356/2, 356/4, 356/5, 356/5-1, 356/5-2pt, 356/5-3, 356/5- 5, 356/6pt, 356/10, 356/10-1pt, 356/10-1-1pt, 357/7-1pt, 357/26pt, 341/1pt, 356/3pt, in Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram, Kerala (SIA/KL/MIN/59482/2020; 1871/EC1/2021/SEIAA)

Sri. N. Vinodlal, Managing Director, M/s Metarock Private Limited submitted an Environmental Clearance application via PARIVESH for the Building Stone Quarry Project of M/s Metarock Private Limited at Block No. 41, Sy. Nos. 340/8, 340/19, 340/22, 341/2-1, 341/2-2, 341/2-3, 341/3, 341/8, 341/8-1, 356/2, 356/4, 356/5, 356/5-1, 356/5-2pt, 356/5-3, 356/5- 5, 356/6pt, 356/10, 356/10-1pt, 356/10-1-1pt, 357/7-1pt, 357/26pt, 341/1pt, 356/3pt, in Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal

based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 10 years. After the due appraisal, the SEAC in its 142nd meeting recommended EC for a Project Life of 10 years with certain Specific Conditions in addition to the General Conditions.

The Authority noticed that there are four other quarries nearby and there are several complaints regarding the functioning of these quarries. The water level in this area get lowered as a result of total functioning of these quarries as per the complaints. It is also noticed that the data depending on is pre-monsoon data and the rainfall data of 2007 & 2008. The recent data is not taken for the study.

The Authority decided to refer the case to SEAC to give a hearing to the project proponent and to the petitioners, Sri. Ajay K., Sri. Rajendran, and the representative of the CheriyaKonni residents and representative of Kootayma ‘Swasikkan Sudhavayu Nammuda Avakasam’ and give a definite recommendation. Hearing notices shall be issued well in advance through courier or registered post.

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL
CLEARANCE (Extension/Amendment/Corrigendum)**

Item No.1 **Revalidate the Environmental Clearance for the Laterite Stone Quarry of Sri. Ramachandran.P, at Re.Sy. No. 19/245 in Koodathai Village, Thamarassery Taluk, Kozhikode, Kerala.
(SIA/KL/MIN/296253/2023; 1597/EC4/2020/SEIAA)**

Environmental Clearance was issued to Sri. Ramachandran. P, Kozhikode as per order No. 1597/EC4/2020/SEIAA Dt.13.09.2021 for the period of 1 year from 13.09.2021 for the Laterite mining project at Re-Sy. No.19/245 in Koodathai Village, Thamarassery Taluk, Kozhikode, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. After the due appraisal, the SEAC in its 143rd meeting, recommended extension of EC for remaining period of 3 years subject to certain Specific Conditions in addition to the General Conditions.

The Authority also noted that Legal Notice was received from Kozhikkode District Legal Services Authority on 08.03.2023 and 17.05.2023 and the Chairman, District Legal Services Authority, Kozhikode issued Letter on 26.05.2023.

The Authority decided to give a reply to the Legal Services Authority informing that SEAC had given the recommendation for the extension of the EC for the project and the Authority have to make a decision and hence the decision on the Legal Notice may be informed to SEIAA within one month time from the date of the letter otherwise SEIAA will proceed as per the recommendation of SEAC.

Item No.2 **Environmental Clearance for the building stone quarry for an Area of 2.4169 Ha at Sy No.217/2- 2, 217/2-3, 217/2-1, 218/3 of Parakkadavu Village, Aluva Taluk, Ernakulam District, Kerala WP(C) No. 6024/2023, filed by Sri. K.M. Joy (Project Proponent), M/s JB Granites, Kachappily House, Puliyanam P.O., Angamaly, Ernakulam
(SIA/KL/MIN/293383/2022, File No: 843/SEIAA/EC3/2805/2015)**

Extension of Environmental Clearance for the building stone quarry at Survey No. 217/2-2, 217/2-3, 217/2-1, 218/3 of Parakkadavu Village, Aluva Taluk, Ernakulam, Kerala for an area of 2.4169 Ha.

The Authority noticed that the Project Proponent Sri. K.M. Joy filed a WP(C) No. 6024/2023 before the Hon'ble High court seeking to consider and pass orders on Ext. P3 application for revalidation of Ext. P1 EC in tune with Ext. P4 Notification [S.O., 1807 (E), dated 12-04-2022]. The Committee in its 142nd SEAC meeting held on 11th to 12th May 2023 observed that the Environmental Clearance issued on 15.02.2017, was set aside by the Hon'ble High Court of Kerala vide judgment dated 24.01.2018. Therefore, the project does not have a valid EC and therefore, the Committee cannot consider the application for extension of EC.

The Authority agreed to the recommendation of SEAC and decided not to consider the application for extension of EC since the original EC was set aside by the Hon'ble High Court of Kerala vide judgment dated 24.01.2018

CONSIDERATION OF TOR PROPOSALS

Item No.1

Application for ToR for the Granite Building Stone Quarry Project of M/s Ellora Stones, at Block No. 45, Sy Nos. 291/2, 293/101, 293/103, 293/104, 293/105, 293/106, 293/107, 293/108, 293/110, 293/112, 293/3, 299/103, 299/109, 299/4, 348/1 in Vayakkara Village and at Block No. 42, Sy Nos. 135/1, 135/101, 135/116, 135/118, 135/119, in Peringome Village, Payannur Taluk, Kannur. (SIA/KL/MIN/426310/2023, 2257/EC4/2023/SEIAA)

Sri. Shanker T Ganesh, Partner, M/s Ellora Stones, Room No.239/S, Ward No.3, South Marady P.O, Muvattupuzha Taluk, Ernakulam-686673 submitted an ToR application through PARIVESH on 21.04.2023 for the Proposed Granite Building Stone Quarry Project for an area of 3.9001 Ha, at Block No.45, Sy Nos. 291/2, 299/101, 293/103, 293/104, 293/105, 293/106, 293/107, 293/108, 293/110, 293/112, 293/3, 299/103, 299/109, 299/4,

348/1 in Vayakara Village and at Block No. 42, Sy Nos. 135/1, 135/101/ 135/116, 135/118, 135/119, in Peringome Village, Payannur Taluk, Kannur.

The Authority noted that SEAC in its 143rd meeting examined the proposal and decided to recommend Standard ToR with certain additional studies.

The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study as recommended by SEAC

1. Vibration studies to evaluate the zone of influence and impact of blasting on the neighbourhood as suggested in para (e) of OM No Z -11013/57/2014-IA.II (M) dated 29-10-2014 of MOEF&CC
2. A comprehensive EMP considering the adjacent quarry.

The Authority also noted there is a compliant forwarded by the District Collector vide Letter No. DCKNR/7623/2023-DM6 dated 16.06.2023. The Authority decided to refer the complaint to the District Collector to examine the same during public hearing. The SEAC shall also consider the application during the appraisal of the proposal.

Sd/-
Dr. H. Nagesh Prabhu IFS (Retd)
Chairman, SEIAA

Sd/-
Dr. V. Venu IAS
Member Secretary, SEIAA

Sd/-
Sri. K.Krishna Panicker
Member, SEIAA