

PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCES

Item No.1

Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Ravi Paleri in Re-Sy No. 275/1A pt, in Triprangottur Village, Thalassery Taluk, Kannur, Kerala (SIA/KL/MIN/126728/2019; 1782/EC4/2020/SEIAA)

Sri. Ravi Paleri, Proprietor, M/s Surya Stone Crushers & Hollow Bricks submitted application through PARIVESH on.24.12.2019 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.6844 Ha, in Re-Sy No. 275/1A pt, in Triprangottur Village, Thalassery Taluk, Kannur.

The Authority noted the action taken by SEAC in its 121st, 124th, 127th & 130th meetings held on different dates. The Committee in its 130th meeting examined the proposal, verified the documents and discussed the field inspection report. The Committee assessed that the proposed site is located at the upper slope and ridge portion of a residual hill with a very steep slope. The road leading to the site is very narrow and steep. As such, the environmental fragility of the site is very high and an activity like mining is not desirable in the proposed site. Therefore, the Committee decided to recommend rejection of the proposal.

As per the direction of the Hon'ble Court in its Judgment dated 11.08.2022 in WP(C) No.25320/2022, the Authority in its 117th meeting held on 30th August 2022 heard the Project Proponent and directed him to submit the hearing note. The Authority verified the hearing note submitted on 12.09.2022 and found that there is no substantial reasons to reconsider the decision of SEAC to reject the application.

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

Item No.2

Environmental Clearance for Granite Building Stone Quarry of Sri. N. A Thomas for an extent of 0.9668 Ha in Sy Nos. 372/1A/3/8,

**372/1A/4/9 & 372/1A/4/9 Kottappady Village, Kothamangalam
Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/131683/2019; 1813/EC3/2020/SEIAA)**

Sri. N.A Thomas, submitted an application for Environmental Clearance via PARIVESH Portal on 16/12/2019, for the Granite Building Stone Quarry project, for an extent of 0.9668 Ha in Survey Nos. 372/1A/3/8, 372/1A/4/9 & 372/1A/4/9 Kottappady Village, Kothamangalam Taluk, Ernakulam, Kerala.

The Authority perused the item and noted that SEAC in its 131st meeting decided to reject the application since it is incomplete and many of the information are not furnished. The Committee also noted that the Project Proponent has not submitted the proof regarding the submission of application to NBWL for Wildlife Clearance.

The Project Proponent requested to reconsider his application vide letter dated 13.09.2022. The Authority observed that the Project Proponent has applied for EC in 16.12.2019 and rejecting after almost three years is not fair. Hence the Authority decided to refer back the proposal to SEAC for appraisal. SEAC shall give an opportunity to the Project Proponent to submit the necessary documents / complete the application.

Item No.3 **Environment Clearance for the Granite Building Stone Quarry of Sri. Binoj K Baby for an area of 0.7905 Ha in Re-Sy Nos. 399/1, 399/15 & 399/18 Padichira Village, Sulthan Bathery Taluk, Wayanad, Kerala.
(SIA/KL/MIN/133893/2019; 1788/E2/2020/SEIAA)**

The Authority heard the Project Proponent on 30th September 2022 as per his request dated 03.08.2022 against the rejection of the proposal and gave him an opportunity to submit a detailed hearing note with necessary supporting documents to substantiate his claims, if any within 7 days. The proposal with hearing note shall be placed in the next SEIAA meeting for decision.

Item No.4 **Environment Clearance for the Granite Building Stone Quarry of Sri. Jose John, M/s. St. Augustine's Granites, for an area of 3.6352 Ha. (8.9825 Acres) in Re. Sy. Block No. 28, Re-Sy. Nos. 101/3, 102/4-2, 102/5, 102/5-1, 102/6, 102/7, 102/8, 179/1, 179/1-1, 179/3-1,**

**179/3-2, 179/3-3, Ramapuram Village, Meenachil Taluk,
Kottayam, Kerala
(SIA/KL/MIN/139395/2020, File No: 1703/EC3/2020/SEIAA)**

Sri. Jose John, M/s St. Augustine's Granites submitted an application for Environmental Clearance via PARIVESH Portal on 30/01/2020, for the Granite Building Stone Quarry, for an area of 3.6352 Ha in Re-Sy Block No. 28, Re-Sy Nos. 101/3, 102/4-2, 102/5, 102/5-1, 102/6, 102/7, 102/8, 179/1, 179/1-1, 179/3-1, 179/3-2, 179/3-3, Ramapuram Village, Meenachil Taluk, Kottayam District, 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, the Field Inspection Report. After the due appraisal, the SEAC in its 131st meeting recommended EC for a project life of 13 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 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 13 years, from the date of issuance of original EC, 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 by violating EC conditions.

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 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. Depth of mining should be restricted considering the depth to groundwater table, i.e., 72m above MSL.*
- 4. 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 (HYCR).*
- 5. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 6. Buffer zones should be demarcated and green belt development initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 7. Compensatory afforestation with indigenous plants, climbers and herbs, as mentioned in the biodiversity assessment report should be initiated prior to the commencement of mining. The survey numbers of the plot and geo-tagged photographs of the site where afforestation is done should be submitted.*
- 8. 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.*
- 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 HYCR.*
- 10. Gabion wall of appropriate height should be provided at the overburden dumping site.*
- 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. The haulage road should be developed and maintained well with frequent sprinkling.*
- 14. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 15. Adequate energy conservation measures proposed should be implemented including solar power installations.*

16. *Environment Management Cell (EMC) should include an Environmental Science Subject Expert.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
19. *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.*
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.5

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Kunhimuhamed for an area of 0.1536 Ha in Sy No. 8/1 in Kuruva Village, Perinthalmanna Taluk, Malappuram District
(SIA/KL/MIN/141299/2020; 1854/EC6/2020/SEIAA)**

Sri. Kunhi Mohammed, S/o. Moidu, Mankarathodi House, Padapparambu, Vattalur Post, Malappuram submitted an application through PARIVESH on 11.12.2020 for Environmental Clearance for the Laterite Building Stone Quarry Project, for an area of 0.1536 Ha in Sy No. 8/1 in Kuruva Village, Perinthalmanna Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period 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 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 activity associated with borrowing/excavation of 'brick earth' and 'ordinary earth' for the purpose of brick manufacturing, construction of roads, embankments etc. should not involve blasting.*
- 4. The borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The borrowing/excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The borrowing/excavation activity should not alter the natural drainage pattern of the area.*

7. *The borrowed/excavated pit should be restored by the Project proponent for useful purposes.*
8. *Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emission by covering of borrowed/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 borrowing/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 15m from any civil structure should be kept from the periphery of any excavation area.*
14. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
15. *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.*
16. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.6

**Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Anil Kumar. P.S, for an area of 0.1943 Ha. in Re-Survey No. 812/10-2 of Koothattukulam Village, Muvattupuzha Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/142553/2020; 1686/EC3/2020/SEIAA)**

Sri. Anil Kumar. P.S submitted an application for Environmental Clearance via PARIVESH Portal on 12/02/2020, for the Laterite Building Stone project, for an area of 0.1943 Ha in Re-Sy No. 812/10-2 of Koothattukulam Village, Muvattupuzha Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period 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 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 activity associated with borrowing/excavation of “brick earth” and “ordinary earth” for the purpose of brick manufacturing, construction of roads, embankments etc. should not involve blasting.*
- 4. The borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The borrowing/excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The borrowing/excavation activity should not alter the natural drainage pattern of the area.*

7. *The borrowed/excavated pit should be restored by the Project proponent for useful purposes.*
8. *Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emission by covering of borrowed/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 borrowing/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 15m from any civil structure should be kept from the periphery of any excavation area.*
14. *Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.*
15. *Garland drainage system covering the entire project area along with silt traps and siltation pond should be provided and it should be connected to a natural drain.*
16. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
17. *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.*

18. 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 Project of Sri. Unnikrishnan for an area of 0.6340 Ha in Sy.Nos. 453/1, Arakkuparamba Village, Perinthalmanna Taluk, Malappuram District

(SIA/KL/MIN/142917/2020; 1659/EC6/2020/SEIAA)

Sri. Unnikrishnan, Katturayil (H), Mattarakkal (PO), Thazhekkode, Perinthalmanna, Malappuram submitted an application for Environmental Clearance through PARIVESH on 12.05.2020 for the Granite Building Stone Quarry Project for an area of 0.6340 Ha in Sy No. 453/1 Arakkuparamba Village, Perinthalmanna Taluk, Malappuram District.

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 Filed Inspection Report. After the due appraisal, the SEAC in its 131st 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 shall carry out quarrying as per the approved Mining Plan and 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. Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*

4. *Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.*
5. *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.*
6. *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 compliance report.*
7. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
8. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
9. *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).*
10. *The haulage road should be maintained well with frequent sprinkling.*
11. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
12. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
13. *Adequate slope stabilization measures should be undertaken in areas with steep slopes.*
14. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
15. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for*

CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

- 16. 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.*
- 17. 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.*
- 18. 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 proposed Granite Building Stone Quarry Project of Sri. Shaji N. M in Re-Sy Nos. 533/2, 3 in Thiruvallloor Village, Vadakara Taluk, Kozhikode, Kerala (SIA/KL/MIN/145053/2020; 1370/EC2/2019/SEIAA)

Sri. Shaji N. M, S/o Chandhu, Nampoorikandi Meethal House, Thiruvallur P.O, Vadakara, Kozhikode submitted an application via PARIVESH on 24.02.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.3339 Ha, in Re-Sy Nos. 533/2, 3 Thiruvallloor Village, Vadakara 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 Filed Inspection Report. After the due appraisal, the SEAC in its 131st 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 shall carry out quarrying as per the approved Mining Plan and 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. Boundary pillars marked with number and geo-coordinates should be fixed permanently and the geo-tagged photographs of each boundary pillar should be submitted prior to the commencement of mining.*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 6. Compensatory afforestation should be done with indigenous fruit trees and the geo-coordinates of the afforested place with photographs should be provided along with HYCR.*
- 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. 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 compliance report.*

9. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
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 maintained well with frequent sprinkling.*
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.*
15. *If the abandoned quarry adjacent to the proposed project area is owned by the Project Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
16. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
17. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made*

available to the concerned Panchayat for information and implementation support.

- 18. 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.*
- 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.9

Environmental Clearance for the Granite Building Stone Quarry of Sri. Sajan Mani for an area of 0.9709 Ha in Sy No. 2398 of Peechi Village, Thrissur Taluk, Thrissur, Kerala (SIA/KL/MIN/149363/2020; 1769/EC6/ 2020/SEIAA)

Sri. Sajan Mani, Kaniyarkuzhiyil House, Karimkunam PO, Thodupuzha, Idukki, Kerala submitted an application through PARIVESH on 22.08.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an extent of 0.9709 Ha in Sy. No. 2398 of Peechi Village, Thrissur Taluk, Thrissur, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 124th, 129th & 131st meetings held on different dates. Based on detailed discussion, the Committee in its 131st meeting decided to reject the proposal due to the following reasons.

1. The portion of the proposed project site on the southern side of BP7, BP8 and BP9, BP1 and BP2 shows a vertical phase of height of above 50m with slope around 75°. The bottom portion of the slope is a road. Therefore, the land is very fragile in the area connecting BP7 - BP8 - BP9 - BP1 - BP2.
2. The source of water for the purpose of quarry is not found feasible.
3. There is an Ayurvedic Medicine Factory, reported to be owned by M/s. Vaidyaratnam Thaikkaat Mooss, is located at around 62m off BP3 which will be adversely affected by the blasting and other mining related activities.
4. It is certified by the Village Officer in the demarcation certificate that there are no houses within 50m of the project site. However, a building used as residence and proposed as camp office is seen at around 30m from the Project site.

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

Item No.10

Environmental Clearance for the Granite Stone Mining Project, M/s K Lekshmanan Infrastructure and Industries Pvt Ltd for an area of 0.9812 in Survey Nos. 222/4, 222/5, 222/28, 222/14, 229/1- 2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt Land) and 222/13, 222/21, 222/23, 222/24 (Govt Land), Chadayamangalam Village, Kottarakkara, Taluk, Kollam , Kerala (SIA/KL/MIN/154110/2020; 1730/EC2/2020/SEIAA)

M/s K Lekshmanan Infrastructures and Industries Pvt Ltd Akkavila, Sreesarvana Nagar-200, Eravipuram P.O., Kollam submitted application for Environmental Clearance on 01.06.2020 for the mining of Granite Building Stone for an area of 0.9812 Ha in Survey Nos. 222/4, 222/5, 222/28, 222/14, 229/1- 2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt. Land) and 222/13, 222/21, 222/23, 222/24 (Govt. Land) Chadayamangalam Village, Kottarakkara Taluk, Kollam, 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 Filed Inspection Report. After the due

appraisal, the SEAC in its 127th meeting, recommended EC with the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority in its 116th meeting noticed that NOC is valid only for about 0.23 Ha excluding buffer area and hence directed the Project Proponent to submit NOC for 0.409 Ha including the buffer area before the issuance of EC. The Authority decided to issue EC subject to the production of valid NOC. The Project Proponent submitted the revised NOC on 29.08.2022. The Authority also observed that the Mining Plan is approved only for 1 (one) year.

The Authority decided to issue Environmental Clearance for the period 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 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 lease/permit 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. 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 (HYCR).*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain*
- 6. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the HYCR.*

7. *Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
8. *The access road should be developed to ensure hindrance-free road transportation.*
9. *167 trees are proposed to be cut for quarrying operation. The area mostly has exposed rock, so compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos should be submitted in HYCR.*
10. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
11. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
12. *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.*
13. *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.

14. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.

15. 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. V. J. Chacko, M/s. Amala Granite Products for an area of 2.4929 Ha in Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur SIA/KL/MIN/155091/2020, 1816/EC6/2020/SEIAA (EC Proposal) & SIA/KL/MIN/38577/2019, 1402/EC2/2019/SEIAA (ToR proposal)

Sri. V. J. Chacko, M/s. Amala Granite Products, Vadakkethala, Pindani House, Chettupuzha P.O., Thrissur District submitted an application for Environmental Clearance through PARIVESH on 21.12.2019 for the Granite Building Stone Quarry, for an area of 2.4929 Ha, in Survey No: 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur.

The Authority perused the item and noticed that there is a KSEB transformer within 20m from BP1 and a Crusher unit within 15 m from BP10. Authority also noticed that there is no valid Mining Plan to proceed with EC. In this circumstance, the Authority decided the following:

1. Direct the Project Proponent to relocate the KSEB transformer and submit the documentary evidence.
2. Direct the Project Proponent to submit a valid Mining Plan as the Mining Plan is the basic fundamental document of an EC for a mining project.

Item No.12

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Muhammed Shareef for an area of 0.8786 Ha, in Re-Sy No. 82/1-20, Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram

(SIA/KL/MIN/158114/2020, 1801/EC6/2020/SEIAA)

Sri. Mohammed Shareef, Kuttikkadan House, P.O, Athavanad, Malappuram submitted an application through PARIVESH on 09.10.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.8786 Ha in Re-Sy No. 82/1-20, Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram.

The Authority noted the action taken by SEAC in its 121st, 123rd, 127th & 131st meetings held on different dates. The Committee in its 131st meeting observed that the existing old quarry cut across the drainage line of a milli-watershed. The upper slope region of the site is very steep and the slope above the proposed site is also very steep. The land stability within and upper slope region of the terrain is very fragile. Considering the land vulnerability of the upper slope region located in continuity of the project site and the obstruction to the first order drainage through the proposed project area, the Committee observed that it is not desirable to consider the project for environmental clearance from the point of view of Precautionary Principle. The Committee, therefore, decided to recommend the rejection of the proposal.

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

Item No.13

Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Ravi Paleri in Re-Sy No. 138/2, Kolavalloor Village, Thalassery Taluk, Kannur District, Kerala (SIA/KL/MIN/158149/2020; 1786/EC4/2020/SEIAA)

Sri. Ravi Paleri, Proprietor, M/s Surya Stone Crushers & Hollow Bricks, Kalluvalappu P.O, Cheruparamba Kannur-670693 submitted an application for Environmental Clearance through PARIVESH on 17.06.2020 for the Granite Building Stone

Quarry Project, for an area of 0.5710 Ha in Re-Sy No. 138/2 in Kolavallur Village, Thalassery 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, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st 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 shall carry out quarrying as per the approved Mining Plan and 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. Depth of mining should be limited to a maximum of 460 m above MSL considering the depth to groundwater table and vulnerability of the terrain.*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Development of green belt to be initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 6. Compensatory afforestation to be initiated 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.*
- 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. *OB dumping site should be provided at the lower portion of the site and it should be protected with gabion wall of appropriate height.*
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. *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 (HYCR)*
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. *The haulage road should be developed and maintained well with frequent sprinkling.*
14. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
15. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
16. *If the abandoned quarry adjacent to the proposed project area is owned by the Project Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature*

of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

19. 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.

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.14

Environment Clearance to Sri. Prabhat Menon for the Laterite Building Stone Quarry project for an area of 0.0972 Ha in Survey No. 676/pt Madikkai Village, Hosdurg Taluk, Kasargod, Kerala (SIA/KL/MIN/159159/2020, 1852/EC2/2020/SEIAA)

Sri. Prabhat Menon, B/7, Pearl Apartment, Agashi Road, Sundar Nagar, Virat West, Bolinj, Thane, Maharashtra, vide application received on 16.12.2020, sought Environmental Clearance for the proposed Laterite Building Stone Quarry in Sy No. 676/pt Madikkai Village, Hosdurg Taluk, Kasargod, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project 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 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. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. The CER should be implemented as per rules.*
- 6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8. 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.

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

Item No.15

**Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Sukumaran, President, Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Limited in Block No.19, Re-Sy No. 492/3, Thiruvegappura Village, Pattambi Taluk, Palakkad District
(SIA/KL/MIN/159168/2020; 1752/EC1/2020/SEIAA)**

Sri. Sukumaran, President, Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Limited submitted an application for Environmental Clearance via PARIVESH on 20.06.2020 for the proposed Granite Building Stone Quarry for an area of 0.4177 Ha in Block No.19, Re-Sy No. 492/3, of Thiruvegappura Village, Pattambi Taluk, Palakkad.

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 Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project 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 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. *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 (HYCR)*
4. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
5. *Development of green belt to be initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
6. *Compensatory afforestation to be initiated 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.*
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. *OB dumping area should be located in the lower area (near to BP6) with retaining wall of appropriate height.*
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 and maintained well with frequent sprinkling.*
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.*
15. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
16. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during*

appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

17. 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.

18. 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.

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

Item No.16 **Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Smt. Deepa N.K in Sy. Nos. 23/798, 23/912, Kalliad Village, Iritty Taluk, Kannur, Kerala**
(SIA/KL/MIN/162481/2020; 1742/EC4/2020/SEIAA)

Smt. Deepa N.K, Proprietor, W/o Rajesh M.M, Neeliyath Kannothe House, Chelora, Mouvanchery P.O, Kannur - 670613 submitted an application for Environmental Clearance

through PARIVESH on 07.07.2020 for the Laterite Building Stone Quarry Project, for an area of 0.5567 Ha in Sy Nos. 23/798, 23/912 in Kalliad Village, Iritty Taluk, Kannur, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 126th, 128th & 131st meetings held on different dates. The Committee in its 131st meeting noticed that the area is located on top of a lateritic plateau and the over burden is nil or sparse. Abandoned laterite excavated pits are seen outside the project area. It is observed at the site that the top soil and 3 to 4 layers of laterite bricks are already extracted. The boundary pillars were removed and kept in a nearby shed. Only small iron rod was fixed to identify the project boundary. Though the date and time of field visit was intimated to the PP and the RQP, they were absent. Efforts to contact them over phone also failed. In the circumstance, the Committee decided to recommend the rejection of the proposal and inform the Authority to notify the matter to the M&G Department, Kannur District.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection and notify the matter to the M&G Department, Kannur District.

Item No.17

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Khaja Hussain K.K for an area of 4.8127 Ha, in Re-Sy. No. 26/9-277, 26/9-278, 26/9-102, 26/9-103 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District
(SIA/KL/MIN/166718/2020; 1866/EC6/2020/SEIAA)

Sri. Khaja Hussain K.K, Kuthukallan House, Amminikkad P.O, Perinthalmanna, Malappuram submitted an application for Environmental Clearance through PARIVESH on 26.12.2020 for the Granite Building Stone Quarry Project for an area of 4.8127 Ha in Re-Sy. Nos. 26/9-277, 26/9-278, 26/9-102, 26/9-103 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District.

The Authority noted the action taken by SEAC in its 123rd, 124th, 127th, 128th & 131st meetings held on different dates. The Committee in its 131st meeting observed the following aspects.

1. The site is located on the upper slope region of the southwest side slope of a ridge connecting Kodikuthu mala (455m above MSL), Mannarmala (540m above MSL) and Panambi hills (495m above MSL). The side slope is steep to very steep and the project is located at a distance of about 180m downslope from the ridge top (420m above MSL).
2. The slope is very steep south of BP1-BP2-BP4.
3. The mining activity in the proposed site, located dominantly in the medium hazard zone, may convert the site to a high hazard zone
4. The road is very narrow and rugged with sharp turns and cut across many first, second and third order drains.
5. The maximum depth of mine proposed is 25m bgl which generates a large waterbody with a maximum depth of 25m in the upper slope region of a ridge with high relative relief which will be serious implications to the lower slope region as well as the habitation in the lower slope and valley portion of the area.
6. There may be possible impact of appreciable to significant level on the hydrological and hydrogeological aspects as well as on land stability including landslide proneness.
7. The hill complex in which the project site falls seems to be fragile.

Considering the land vulnerability of the lower slope region located in continuity of the project site located in the moderate hazard zone, it is not desirable to consider the project for environmental clearance from the point of view of Precautionary Principle. Accordingly, the Committee decided to recommend rejection of the proposal for environmental clearance.

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

Item No.18

**Environmental Clearance for the Mining of Ordinary Earth proposal of Sri. Naushad T M., Chemmalakkudy Thachayil House, Vengola P. O., Ernakulam for an area of 0.4553 Ha in Block No. 22, Re-Sy Nos. 441/7-3, 441/7-4, 441/7-5-2, in Arakkappady Village, Kunnathunad Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/172346/2020; 1826/EC3/2020/SEIAA)**

Sri. Naushad T. M. submitted an application for Environmental Clearance via PARIVESH Portal on 10/09/2020, for the mining of Ordinary Earth from an area of 0.4553 Ha in Block No. 22, Re-Sy Nos. 441/7-3, 441/7-4, 441/7-5-2, Arakkappady Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

On examination, the Authority noticed that the project is proposed to excavate about 60000 MT of ordinary earth from 0.4553 Ha land, the depth of mining is around 50 feet and there are three buildings extremely close to the proposed site, in which one building is 4.1m close to the boundary. In addition, about 43 buildings are located within 100m distance from the project site. All the wells in the upper reaches may get dried up due to the excavation and only a reasonable depth can be allowed without affecting the local livelihood. Authority also noticed that if adequate measures have not taken for the protection of benches, during monsoon it may lead to landslides etc. Hence Authority decided to refer the case back to SEAC for reappraisal.

Item No.19 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Sakkier Hussain, for an area of 0.6656 Ha in Block No. 2, Re-Sy No. 281/1-9, in Mundakkayam Village, Kanjirappally Taluk, Kottayam, Kerala.**
(SIA/KL/MIN/204998/2021; 1923/EC3/2021/SEIAA)

Sri. Sakkier Hussain, submitted an application for Environmental Clearance via PARIVESH Portal on 21/03/2021, for the Granite Building Stone Quarry project, for an area of 0.6656 Ha in Block No. 2, Re-Sy No. 281/1-9, Mundakkayam Village, Kanjirappally Taluk, Kottayam, Kerala.

The Authority noted the action taken by SEAC in its 130th & 131st meetings held on different dates. The Committee in its 131st meeting observed that the site is characterized by steep slope region especially on the northern part of the proposed area. The project site is a middle portion of a steep hill and the region above the project site is steeper. A first-order

stream (may not be a perennial one) is flowing through the buffer region near BP 3. Considering the severe land fragility status of the project site, the Committee decided to recommend rejection of the proposal.

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

Item No.20 Environmental Clearance for the Laterite Building Stone Project of Sri. Manoj E S. for an area of 0.1975 Ha in Re-Sy Nos. 280/4, 280/13 in Aikaranad South Village, Kunnathunad Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/234007/2021; 2019/EC3/2022/SEIAA)

Sri. Manoj E S. submitted an application for Environmental Clearance via PARIVESH Portal on 18/10/2021, for the Laterite Building Stone project for an area of 0.1975 hectares, in Re-Sy Nos. 280/4, 280/13 in Aikaranad South Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period 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 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 Project Proponent should submit an affidavit, prior to issuance of EC, stating that CER proposal as per rules will be implemented.*
- 4. The excavation activity associated should not involve blasting.*

5. *The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
6. *The excavation activity should be restricted to 2m above the ground water table at the site.*
7. *The excavation activity should not alter the natural drainage pattern of the area.*
8. *The excavated pit should be restored by the Project Proponent for useful purpose.*
9. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
10. *Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
11. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
12. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
13. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
14. *A minimum distance of 15m from any civil structure should be kept from the periphery of the project area.*
15. *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.*
16. *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.*
17. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
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 shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

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.21

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Hussain Babu, for an area of 0.8058 Ha, in Re-Sy No. 249/2-4, in Edayur Village, Tirur Taluk, Malappuram, Kerala.
(SIA/KL/MIN/268811/2022, 1998/EC6/2022/SEIAA)**

Sri. Hussain Babu, S/o Mohammed, Parakkundil House, Vadakkumburam post, Malappuram submitted an application for Environmental Clearance through PARIVESH on 16.05.2022 for the Laterite Building Stone Quarry Project for an area of 0.8058 Ha in Re-Sy No. 249/2-4 in Edayur Village, Tirur Taluk, Malappuram.

The Authority noted the action taken by SEAC in its 129th & 131st meetings held on different dates. The Committee in its 131st meeting observed that there is a road adjacent to the BP-1 and a building adjacent to BP-2 at a distance of less than 10m. Therefore, the Committee decided to recommend rejection of the proposal.

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

Item No.22

**Application for Environmental Clearance for Removal of Ordinary Earth - Smt. Serin Scaria, Vellor Village, Kottayam District
(SIA/KL/MIN/271891/2022; 2687/A2/2019/SEIAA)**

Smt. Serin Scaria has submitted an application for Environmental Clearance on 30.07.2019 for the removal of ordinary earth for commercial purpose from an area of 01.04.41 Ha at Survey No.473/1 in Velloor Village, Vaikkam Taluk, Kottayam District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

On examination, the Authority noticed that the project is proposed to excavate about 59200 MT of ordinary earth from 0.4947 Ha land, the depth of mining is around 50 feet (16m) and there is a building extremely close to the proposed site. In addition, there are other buildings located within 100m distance from the project site. Due to this only a reasonable depth can be allowed without affecting the local livelihood. Further the Village Officer, Vellor Village and the Secretary of Vellor Grama Panchayat intimated that the elevated land portion may slide down and such a land slip may cause hindrance to traffic. The photographs of the proposed area also indicate such a possibility. Authority also noticed that if adequate measures have not taken for the protection of benches, during monsoon it may lead to landslides etc. Hence Authority decided to refer the case back to SEAC for reappraisal.

Item No.23 **Environmental clearance for the proposed Granite Building Stone quarry project of Mr. Ajayyan. P. V. in Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram, Kerala (SIA/KL/MIN/272047/2022; 1216/EC2/ 2019/SEIAA)**

Sri. Ajayyan.P.V., Padinhareveettil House, Chirayil Post, Malappuram vide the hardcopy of application received on 13.02.2019, has sought Environmental Clearance under EIA Notification, 2006 for the Granite Building Stone quarry project for an area of 0.5996 Ha in Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram, 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 Filed Inspection Report. After the due appraisal, the SEAC in its 131st 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 shall carry out quarrying as per the approved Mining Plan and 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 OB dumping site should be located at the lowest contour level*
- 4. Only medium-capacity vehicle should be used for the transportation of mined material.*
- 5. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total*
- 6. The impact of vibration due to blasting should be monitored for peak particle velocity and amplitude and included in the Half Yearly Compliance Report.*
- 7. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 8. The drainage channel, silt traps and collection tank should be maintained on a regular basis by removing silt deposited to prevent obstruction to overland flow.*
- 9. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 10. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular*

intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

- 11. 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.*
- 12. 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.*
- 13. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.24

**Application of Sri. P.A. Paul for Environmental Clearance for removal of Ordinary Earth in Re. Survey No. 400/4 at Arakkapadi Village, Kunnathnad Taluk, Ernakulam, Kerala
(SIA/KL/MIN/283714/2022; 2203/EC2/2019/SEIAA)**

Sri. P. A. Paul, Srambikkal Puthenpurayil Veedu, West Vengola P.O, Ernakulam-683556 submitted an application for Environmental Clearance in SEIAA on 26.06.2019 for the removal of Ordinary Earth from an area of 01.4280 Ha in Re. Sy. No.400/4 in Arakkappadi Village, Kunnathunad Taluk, Ernakulam District.

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 Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project 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 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. *Benches should be maintained with a height and width of 2 meters each respectively.*
4. *The Project Proponent should take utmost care and adopt adequate precautionary measures while removing the ordinary earth to protect the Anganwadi and other adjacent houses.*
5. *Planting should be done in the elevated area after excavation.*
6. *Appropriate drainage should be maintained from the Project site and surrounding area to ensure unhindered overland flow.*
7. *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.*
8. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

The Authority decided that the Environmental Clearance shall be issued to Dr. Salu Paul, the legal heirship of the Project Proponent Sri. P.A. Paul, since, the latter had expired and the legal heirship and other documents were submitted in SEIAA office were found satisfactory.

Item No.25

Environment Clearance to Sri. Biju Khan for the Granite Building Stone Quarry for an area of 0.9037 Ha in Re-Survey No.-214/1-1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.-214/1pt (Govt. Land) Pooyapally Village, Kottarakara Taluk, Kollam, Kerala (SIA/KL/MIN/43903/2019, 1548/EC2/2019/SEIAA)

Sri. Biju Khan, Biju Manzil, Mylakadu (PO), Kollam 691 571, vide application received on 13.12.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry for an area of 0.9037 Ha in Re-Sy Nos. 214/1-1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.-214/1pt (Govt. Land) of Pooyapally Village, Kottarakara Taluk, Kollam, Kerala.

The Authority in its 117th meeting found that the government land included in both projects (SIA/KL/MIN/43903/2019) is contiguous with same survey number. If both projects are combined as a single project, the environment mitigation measures will be more effective. The Authority decided to obtain an explanation from the Project Proponent for proposing two different projects adjacent to each, even though the government land included in these projects is contiguous.

The Authority noticed that the Project Proponent has submitted the documents with an explanation note and decided to refer back the proposal to SEAC to examine the document/report and forward a definite recommendation SEIAA.

Item No.26

Environment Clearance to Sri. Biju Khan for the Granite Building Stone Quarry for an area of 0.5456 Ha in Re-Survey No. 217/17pt (Patta land) & Re-Survey No. 214/1pt (Govt. Land) Pooyapally Village, Kottarakara Taluk, Kollam, Kerala. (SIA/KL/MIN/43937/2019, 1547/EC2/2019/SEIAA)

Sri. Biju Khan, Biju Manzil, Mylakadu (PO), Kollam 691 571, vide application received on 13.12.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry in Re-Survey No. 217/17pt (Patta land) & Re-Survey No.214/1pt (Govt. Land) of Pooyapally Village, Kottarakara Taluk, Kollam, Kerala.

The Authority in its 117th meeting found that the government land included in both projects (SIA/KL/MIN/43903/2019) is contiguous with same survey number. If both projects are combined as a single project, the environment mitigation measures will be more effective.

The Authority decided to obtain an explanation from the Project Proponent for proposing two different projects adjacent to each, even though the government land included in these projects is contiguous.

The Authority noticed that the Project Proponent has submitted the documents with an explanation note and decided to refer back the proposal to SEAC to examine the document/report and forward a definite recommendation SEIAA.

CONSIDERATION OF TOR PROPOSALS

Item No.1 ToR Application for the Project ‘Valley View Apartment’, Ambalamedu, Ambalamugal, Kochi, Kerala of M/s NBCC at Puthencruz Village, Kunnathunad Taluk, Ernakulam, Kerala. (SIA/KL/MIS/72908/2022; 1993/EC3/2022/SEIAA)

Sri. Shakthiguru Pandey, DGM, NBCC submitted an application for ToR *via* PARIVESH Portal on 01.02.2022, for the construction of Valley View Apartments, in Sy No. 93/9, Puthencruz Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority noted that the Project Proponent and his Consultant presented the proposal before SEAC in its 131st meeting and the Committee decided to approve the ToR submitted by the Project Proponent for conducting environmental impact assessment studies and for submitting the EIA report and EMP along with damage assessment and Remedial and Natural and Community Resources Augmentation Plan.

The Authority deliberated the item with the recommendation of 131st SEAC and decided to issue the ToR to conduct the EIA and EMP study along with following aspects:

- i) Damage Assessment,**
- ii) Remedial Plan and**
- iii) Community Augmentation Plan (to restore environmental damage caused including its social aspects).**

In addition to the above, the Project Proponent should conduct to study the following specific aspects and submit the report along with the EIA.

- i) The overland flow management and the drainage arrangements**
- ii) The feasibility of CER for the comprehensive development of the poor.**

Item No.2 ToR Application for the Expansion of Hospital Project of Al-Azhar Medical College and Super Speciality Hospital, at Kumaramangalam Village, Thodupuzha Taluk, Idukki, Kerala (SIA/KL/MIS/77012/2022; 2014/EC3/2022/SEIAA)

Sri. Pradeepkumar, CEO, Al-Azhar Medical College and Super Speciality Hospital submitted an application for ToR via PARIVESH Portal on 18/05/2022 for the Expansion of Hospital Project of Al-Azhar Medical College and Super Speciality, in Re Survey No. at 99/5, 100/1, 84/1, 84/3/4, 84/4/2, 84/3/5, 84/3/1, 84/1/1, 406/5, 406/1, 84/3/1, 84/4/1, 84/3/2, 404/1, 404/3, 88/3, 88/2, 88/1, 406/3, 406/6, 89/7, 82/2, 89/6, 398/3, 398/9, 405/1 at Kumaramangalam Village, Thodupuzha Taluk, Idukki, Kerala.

The Authority noted that the Project Proponent and his Consultant presented the proposal before SEAC in its 131st meeting and the Committee decided to approve the ToR submitted by the Project Proponent for conducting environmental impact assessment studies and for submitting the EIA report and EMP along with damage assessment and Remedial and Natural and Community Resources Augmentation Plan.

The Authority deliberated the item with the recommendation of 131st SEAC and found that the proponent had applied for ToR for expansion. Earlier they had applied and rejected since window period for regularizing violation was over. Regularization of violation and expansion are to be considered separately. Hence proponent has to apply for regularization of violation committed vide EIA 2006. The proponent has to submit an undertaking that he will not undertake any construction before getting environmental clearance. On completing the process and after obtaining EC for existing BUA, he may apply for expansion. Authority decided to direct the proponent to apply for regularization of existing violation only as per OM F.No. 22-2112020-IA.III [EI38949] dated 28.01.2022. Authority also decided to inform the above position to SEAC for necessary follow up action.

Item No.3

**ToR for the Proposed Granite Building Stone Quarry of A.M Chackochan for an extent of 8.0563Ha at Elamad Village, Kottarakara Taluk, Kollam, Kerala
(SIA/KL/MIN/75523/2022; 2001/EC2/2022/SEIAA)**

Sri. A.M Chackochan, submitted a ToR application on 31.05.2022 through PARIVESH Portal for the proposed Granite Building Stone Quarry for an area of 8.0563 Ha at Elamad Village, Kottarakara Taluk, Kollam, Kerala.

The Authority noted that SEAC in its 131st meeting recommended the Standard ToR with certain additional studies. **The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study.**

1. DEM based slope stability analysis.
2. The utilization of existing quarry pits.
3. Watershed based comprehensive drainage plan.
4. Community needs assessment of the nearby habitations, specifically considering the vulnerable community.
5. Authority noticed that the NOC issued by the District Collector, Kollam is not for entire 7.8103 Ha and excluded the buffer zone. So proponent has to submit revised NOC for entire government land of 7.8103 Ha included in the mining plan.

Item No.4

**ToR for Granite Building Stone Quarry Project of Sri. Abdulla T.T in Re-Sy Nos. 186/290, 186/288, 186/289, 186/291, 186/580, 186/585 & 186/558 in Kodyathur Village, Kozhikode Taluk, Kozhikode, Kerala
(SIA/KL/MIN/70441/2021; 1936/EC4/2022/SEIAA)**

Sri. Abdulla T.T, S/o Alikutty, Thenginthottattil Kalanthode, Kalanthode Poolacode, NIT Campus P.O, Kozhikode-673601 submitted an application for the approval of Standard ToR through PARIVESH on 19.01.2022, for the Granite Building Stone Quarry Project, for an area of 2.9688 Ha, in Re-Sy Nos.186/290, 186/288, 186/289, 186/291, 186/580, 186/585 & 186/558, Kodyathur Village, Kozhikode Taluk, Kozhikode, Kerala.

The Authority noted that SEAC in its 131st SEAC meeting recommended the Standard ToR with certain additional studies. **The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study.**

- 1. Land slide susceptibility of the impact zone in general & 500m vicinity in particular.*
- 2. Traffic management study specifically considering the large number of quarries within the impact zone.*
- 3. Community need assessment in the immediate vicinity giving special focus on vulnerable community.*

Item No.5

**ToR for the Granite Building Stone Quarry of Sri. V. J. Chacko, M/s. Amala Granite Products for an area of 2.4929 Ha in Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur
SIA/KL/MIN/155091/2020; 1816/EC6/2020/SEIAA (EC Proposal)
&
SIA/KL/MIN/38577/2019; 1402/EC2/2019/SEIAA (ToR proposal)**

Decision taken in the EC proposal, Item No.11

General Decisions

(1) Training & interactive session on various aspects of environmental clearance to development projects

SEIAA in its 113rd meeting has suggested that a training shall be arranged for QCI/NABET agencies working in the state, RQP's, representatives of quarry owners' associations in the state and staff working in SEIAA Secretariat and entrusted Chairman, SEAC to prepare a detailed proposal for the same. Now the Chairman, SEAC has submitted a detailed proposal for conducting the said training. Authority considered the proposal and decided to entrust the responsibility for conducting the programme to the Director of Environment and Climate Change, Govt. of Kerala.

(2) Review of pending EC cases

Authority decided to have a regular review meeting of Chairman SEIAA and SEAC once in 3 months to clear the pending cases and to speed up the process of issuing EC by addressing the bottlenecks if any. Administrator SEIAA will put up the details of pending cases in the format used by MoEF&CC. The first such review meeting will be held in the last week of November.

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

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

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