

**MINUTES OF THE 119th MEETING OF THE STATE LEVEL
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
KERALA, HELD ON 26th & 27th OCTOBER 2022 THROUGH VIDEO
CONFERENCING**

Present:

- 1. Dr. H. Nagesh Prabhu IFS (Retd), Chairman, SEIAA, Kerala**
- 2. Sri. K. Krishna Panicker, Member, SEIAA**
- 3. Dr. V. Venu IAS, Member Secretary, SEIAA**

The 119th meeting of the SEIAA, Kerala was held on 26th & 27th October 2022. The meeting started at 10.00 AM on 26th October 2022. Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala chaired the meeting. Dr. Venu V. IAS, Member Secretary, SEIAA and Sri. K. Krishna Panicker, Expert Member, SEIAA attended the meeting. The Authority considered the agenda for the 119th meeting and took the following decisions:

Physical Files

Item No.119.01 **Minutes of the 118th meeting of SEIAA held on 30th September & 01st October 2022**

Noted

Item No.119.02 **Action Taken Report on 117th meeting of SEIAA**

The action taken by SEIAA team is appreciated.

Item No.119.03

Environmental Clearance for the Quarry Project of M/s Mavalan Granites Pvt Ltd in Block No. 32, Sy.No.288/1 (Part), Koodal Village, Konni Taluk, Pathanamthitta, Kerala - Judgement dated 11.09.2021 in WP(C) No.16330/2021 - Revalidation of EC (File No.81/SEIAA/KL/183/2013)

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from IRO, MoEF& CC, Bangalore. The SEAC in its 132nd meeting has recommended the revalidation of EC with the project life of 10 years from the date of original EC i.e., 16.08.2017 subject to certain additional specific conditions in addition to the specific conditions in the original EC.

The Authority decided to revalidate the Environmental Clearance for the project life of 10 years from the date of original EC (16.08.2017). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (both sides of the haulage road) and submit geotagged photographs
2. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
3. The Project Proponent should comply with the plan for replacing Acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.
4. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
5. 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).

6. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
7. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
8. Adequate energy conservation measures proposed should be implemented including solar power installations.
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.119.04 Environmental Clearance issued for the Quarry Project of Sri. Tom George, Managing Director, M/s TMT Granites in Sy No. 232 and 411(pt) at Mangalam Dam Village, Alathur Taluk, Palakkad District - Judgment in WP (C) 10860/2020 – Revalidation of EC (File No. 570/SEIAA/EC1/4174/2014)

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee, the CCR received from RO, MoEF& CC, Bangalore and the Judgment in WP(C) No. 3439 of 2022 dated 22.03.2022 regarding the disposal of application for revalidation within a period of 6 weeks from the date of receipt of the judgement. The Authority observed that the Project Proponent has not satisfactorily complied with the following conditions as per the field inspection report of the Sub Committee.

- Green belt along Buffer Zone
- Garland Canal with silt traps
- Cleaning of settling pond and silt traps
- Connectivity of overflow water from the settling pond to nearby natural drain
- Retaining/protective walls for overburden
- Maintaining bench height and width

Under the circumstances, the Authority decided to direct the Project Proponent to comply with the above conditions within a period of 3 months and submit a detailed

compliance report with documentary evidences (including photographs). On receipt of the compliance report, SEAC shall verify the report and submit the proposal with specific recommendation.

The application for revalidation of EC is disposed of as directed by H'ble High Court of Kerala in the Judgment in WP(C) No. 3439 of 2022 dated 22.03.2022, with the above directions and Authority decided to intimate the same to Project Proponent for necessary follow up action.

Item No: 119.05 Environmental Clearance issued for the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) project, M/s LULU International Shopping Mall Pvt. Ltd., Thiruvananthapuram District - Clarification sought regarding CER/CSR commitments (File No.1047/EC1/899/SEIAA/2016)

The Authority perused the item with the letter from the MD, KWIL and the monthly report for September 2022 from the Chief Engineer, KWIL. The Authority observed that the KWIL has initiated the rejuvenation of Parvathy Puthenar between Kovalam and Akkulam using the KIIFB funding. They also requested to utilize the remaining CER funds to be obtained from Lulu for any other suitable purpose in Thiruvananthapuram city. The Authority also noticed that the Project Proponent has submitted an incomplete proposal for the utilization of remaining CER fund in the Thiruvananthapuram Corporation area.

Under the circumstances, the Authority decided to reiterate the following decisions taken in 118th SEIAA meeting in a time bound manner:

1. The Project Proponent should submit a detailed DPR/proposal from the Municipal Corporation, Thiruvananthapuram within a month, for the utilisation of remaining CER fund.
2. After the receipt of the DPR/proposal, the SEAC shall scrutinise the same with suitable recommendations if any and submit the same to SEIAA for record and approval.

Item No.119.06 Environmental Clearance for the Building Stone Quarry of Sri. Paul K. T., Managing Director, M/s K. T. Crusher's & Aggregates Pvt Ltd

**in Re-Survey Nos. 498/2, 498/3, 499/3, 499/4, Chalavara Village,
Ottapalam Taluk, Palakkad, Kerala
(File No. 1260/EC2/2019/SEIAA)**

The Authority perused the item and observed that the proposal was rejected in the 98th meeting of SEIAA as per the recommendation of 103rd SEAC meeting. The rejection order was issued on 30.10.2019. On the request of the Project Proponent, the 118th SEIAA meeting held on 30th September & 01st October 2022 Authority heard the Project Proponent and directed him to submit the hearing note. On verification of the hearing note submitted by the Project Proponent on 03.10.2022, the Authority found that there are no substantial reasons to reconsider the decision of 98th meeting of SEIAA to reject the proposal .

Authority decided to adhere to its earlier decision to reject the proposal for the same reasons and intimate the same to Project Proponent.

**Item No.119.07 O.A No. 155/2020 filed by Sri. Vijeesh Kumar against M/s Covenant
Stones Pvt. Ltd before the Hon'ble NGT
(File No. 1422/EC1/2019/SEIAA)**

The Authority perused the item and noted the Order of the H'ble NGT dated 29.09.2022 and decided to direct the Project Proponent to comply with the direction of H'ble NGT. SEAC may examine para 134 (iii) of NGT judgement and suggest suitable follow up action. Authority also decided to forward the copy of the NGT order once again to all the respondents and all statutory Authorities who have issued respective mining licenses for necessary follow up action under intimation to SEIAA.

**Item No.119.08 Environmental Clearance for the Granite Building Stone Quarry of
Shri. Pradeep. N. S, Managing Partner, M/s. K L Granites in Re-
Survey Block No: 35, Re-Survey Nos. 368/3, 368/4, 374/3 (Patta Land)
& 369/1 (Government land), Pulimath Village, Chirayinkeezhu Taluk,
Thiruvananthapuram, Kerala - Judgment dated 02.09.2022 in WP(C)
No. 13746 of 2021
(SIA/KL/MIN/43756/2019; 1454/EC1/2019/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC meetings and the field inspection report of the Sub-Committee of SEAC and observed that the proposal was rejected in the 106th SEIAA meeting and the Rejection Order was issued on 09.02.2021. The review petition of the Project Proponent was considered in the 109th SEIAA meeting and observed that as per clause 16(i) of National Green Tribunal Act 2010, he may prefer an appeal to National Green Tribunal (NGT) against the order of SEIAA refusing to grant EC. Now the Project Proponent has forwarded a Judgement dated 02.09.2022 in WP(C) No.13746 of 2021, in which, the writ petition is disposed of directing the SEIAA to consider and pass appropriate orders in Ext. P6 in accordance with law, within two months from the date of receipt of copy of judgement.

Under the circumstances, the Authority decided to give an opportunity to the Project Proponent for hearing in the next SEIAA meeting before taking a final decision. Intimation regarding the same shall be given to the Project Proponent well in advance attaching the observations of SEAC.

Item No.119.09 EC issued to the Granite Building Stone quarry of M/s. Delta Aggregates & Sands Pvt Ltd. for an extent of 3.7691 Ha in Survey. Nos. 889/1-15-1 & 889/1-15, Perunad Village, Ranni Taluk, Pathanamthitta, Kerala- EC Revoking regarding (SIA/KL/MIN/163854/2020; 1773/EC1/2020/SEIAA)

The Authority perused the item and noted the contents of the Letter of Chairman, SEAC and the Member Secretary, SEAC dated 15.10.2022 requesting to revoke the Environmental Clearance issued to M/s. Delta Aggregates & Sands Pvt Ltd for an extent of 3.7691 Ha in Survey Nos. 889/1-15-1 & 889/1-15, Perunad Village, Ranni Taluk, Pathanamthitta, Kerala with immediate effect due to the reason that the Project area is located in a ESA village, where mining activities shall not be permitted in ESA villages as per the Directions contained in OM dated 13.11.2013 of MoEF&CC villages, till the issuance of final ESA Notification.

Authority noted that the Project Proponent vide his letter dated 22.10.2022 has requested for reconsideration of decision of SEAC quoting certain reasons and he has also attached certain Annexures to the letter.

Authority perused the representation of Project Proponent along with Annexures and deliberated on the following important aspects relevant to issuing ECs in the ESA villages including that of Project Proponent:

1. The Authority noticed that the MoEF&CC vide its Directions under Section 5 of EPA 1986 dated 13.11.2013, accepted the HLWG Report 'in principle' and prohibited some activities including mining in ESA villages.
2. Authority noted that as per draft notification of MoEF&CC dated 3.10.2018 ESA for Kerala State is 9993.7 square kilometres spread over 123 villages as recommended by High Level Working Group and it was also stated that the details are available on the website of the State Biodiversity Board of Kerala. This position for State of Kerala was again confirmed in the directions of MoEF&CC in its letter dated 3.12.2018.
3. It is brought to the notice of the Authority that the details of ESA areas available in the website of the State Biodiversity Board of Kerala are only the rough indications of probable ESA areas in different villages and subsequently to fine tune the proposed ESA area for the State of Kerala, Government of Kerala have appointed a Panchayat Level Committee consisting of Panchayat President, Secretary to Panchayat, Village Officer, representative from Kerala Forest Department and Agricultural Officer and this committee has prepared the details of ESA after field verification and discussion in the field. It is learnt that the survey no wise details for each village have been handed over to Kerala State Remote Sensing and Environment Centre (KSREC) and KSREC have prepared a digitised Cadastral map.
4. Authority noticed that, after the first ESA draft notification on 10.03.2014, as per GO (Rt) No. 63/2014/Env. dated 08.04.2014 the Government of Kerala have constituted a committee with Chairman, Kerala State Biodiversity Board (KSBB) as convener, Principal Chief Conservator of forests (PCCF), KFD, Thiruvananthapuram, Director, Survey and Land Records and Director, KSREC as members for finalizing of cadastral

maps of ESA villages with clear demarcation of ESA boundary. However, these digitalized cadastral maps are not yet submitted to MoEF&CC. It is also learnt that followed by this Government of Kerala have again started the exercise of verification of ESA details furnished by KSREC and as per this exercise the ESA for the state of Kerala is 8656.46 sq. Km spread over 92 villages. These details are being further verified by the another Committee constituted at district level as per G.O Rev-G1/137/2002-Revenue dated 08.07.2022 for the approval of Government of Kerala and onward submission to MoEF&CC for final notification.

5. From the above, it can be seen that the details available in the website of the State Biodiversity Board of Kerala are only the rough indication of the ESA in each ESA village in Kerala and exercise is on to finalise the same. Authority is of the opinion that till a final notification issued by MoEF&CC, the direction of MoEF&CC vide letter dated 13.11.2013 under Section 5 of EPA 1986 shall prevail.
6. Authority further noticed that the 48th meeting of EAC of MoEF&CC held on 28th – 30th March 2022 returned few quarrying proposals from the state of Kerala with an observation that “...on examination of the proposal, it was found that the instant mine site is falling inside the ESA of Western Ghats. The mining is prohibited in the ESA of Western Ghats. In view of above, the Committee observed that the area being ecologically sensitive and fragile, grant of Environmental Clearance to stone mines of small mine leases will ultimately lead to the fragmentation of habitat leading to creation of many edges which will over a time act as point of entry of destructive factors resulting in the overall ecological destruction of the area”. The Authority also observed that EAC of MoEF&CC, GOI, has also returned few proposals, even if the projects are located adjacent (within 10km) to the ESA villages quoting ecological reasons as stated above.
7. The Authority noticed that the MoEF&CC vide its Directions under Section 5 of EPA 1986 dated 13.11.2013 accepted the HLWG Report ‘in principle’ and prohibited some activities including mining in ESA. As per HLWG Report Volume 1 (Page No. 57), “the Ecological Sensitive Areas (ESAs) thus identified are at the smallest administrative unit - the village. Village was taken as the unit of ESA. Villages were selected on the

basis of the proportion of ESA to the geographic area of the village. A threshold of 20% proportional ESA was used to mark villages as ESU (Ecological Sensitive Unit)”. This was the criterion adopted at the National level for declaring the particular village as an ESA village.

8. Authority noticed that the final notification regarding the ESA villages is sub-judice and is also under the consideration of MoEF&CC and the respective state governments in the Western Ghat region including Government of Kerala.

In the view of the above facts, the Authority decided the following:

- 1) To request the Department of Environment and Climate Change, Government of Kerala to finalise the proposal for ESA villages and area in each village and forward the same to MoEF&CC, GoI for issuing final notification.
- 2) To seek a clarification from MoEF&CC whether SEIAA Kerala can also process proposals for quarrying in line with the decision of EAC meeting of EAC of MoEF&CC held on 28th – 30th March 2022 in which few such proposals from State of Kerala have been returned without clear recommendation of EC as they are either located in the ESA village or in the vicinity of a ESA village, to prevent the ecological destruction the state. A copy of the Judgement from Hon’ble High Court of Kerala cited by the Project Proponent may also be placed before MoEF&CC for further clarity.
- 3) In the meantime, Authority decided to inform the above position to Project Proponent and provide him an opportunity of hearing in the next meeting to substantiate his averments. The SEIAA Secretariat shall intimate the Project Proponent well in advance.

Item No.119.10

Environment Clearance for the proposed Residential Apartment Project of M/s Favourite Constructions Pvt Ltd in Re-Sy Nos. 351/3-1, 351/3-3, 351/3-2, 351/3-4, Uliyazhathura Village, Thiruvananthapuram Taluk, Thiruvananthapuram (SIA/KL/MIS/210283/2021; 1910/EC1/2021/SEIAA)

The Authority deliberated the item and noted the decision of 132nd SEAC meeting and the request of the Proponent to withdraw the application. The Authority observed that project was accorded Environmental Clearance by the Ministry of Environment, Forest & Climate Change, Government of India vide E.C. Order no. 21-100/2021-IA.III dt. 22-12-2021. Hence the Authority decided to accept the request of the Project Proponent to withdraw the proposal.

Item No.119.11 **Environment Clearance for the Granite Building Stone Quarry of Sri. Robin P.R for an area of 1.9480 ha (4.813 Acres) in Sy Nos. 144/4 & 144/5, Kalpetta Village, Vythiri Taluk, Wayanad, Kerala (SIA/KL/MIN/43182/2019; 1479/EC2/2019/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee of SEAC and the minutes of the 107th meeting of SEIAA, in which the proposal was rejected. The rejection order was issued on 15.03.2021. On request of the Project Proponent, the 118th SEIAA meeting held on 30th September & 01st October 2022, heard the Project Proponent and directed him to submit the hearing note.

On verification of the hearing note submitted by the Project Proponent on 06.10.2022, the Authority observed that as per the distance of the project site to the high hazard zone and to the medium hazard zone are 50m and 650m respectively. But as per the hazard zonation map submitted by the Project Proponent, the distance from the project site to high hazard zone is 650 m southeast and that to the medium hazard zone is 63 m south east. In this situation, the Authority decided to refer back the proposal to SEAC for further verification and revisit their recommendation for rejection considering other valid reasons also if any.

Item No.119.12 **Environmental Clearance issued to Sri. K.V. Abraham, Managing Partner, M/s Thomsun Sands and Metals Pvt. Ltd. for the Quarry Project in Sy No. 120/1-23 at Erumely South Village, Erumely Panchayath, Kanjirapally Taluk, Kottayam - Request for Extension letter (File No: 963/EC4/4473/2015/SEIAA)**

The Authority perused the item and noted the decision of 116th SEIAA meeting and the requests of the Project Proponent to issue an EC extension letter as per the minutes of 116th SEIAA meeting and the extension of the validity as per the O.M dated 12.04.2022. The decision of 116th meeting is as follows: “the Authority verified the item and discussed the request of the Project Proponent to consider the re-constitution of the monitoring committee. On deliberation, the Authority decided to stick on to its earlier decision regarding the constitution of Monitoring Committee. The Authority also observed that the Project Proponent is requested for extension of validity of the Environmental Clearance. The Authority noticed that the EC is valid till 12.10.2024 (after Covid relaxation). In the meantime the Project Proponent can apply for extension through “PARIVESH’ Portal with all necessary documents, if required”.

On deliberation, the Authority noticed that the EC was issued to the Project Proponent on 08.02.2017 vide Order 963/EC4/4473/2015/SEIAA for five years and the validity will expire on 7.02.2023 with COVID relaxation. In this case “the Authority noticed that the EC is valid till 12.10.2024 (after Covid relaxation)” as mentioned in the 116th SEIAA meeting minutes is a typographical error and decided to correct the minutes of 116th SEIAA meeting agenda item 22 as follows:

The Authority verified the item and discussed the request of the Project Proponent to consider the re-constitution of the monitoring committee. On deliberation, the Authority decided to stick on to its earlier decision regarding the constitution of Monitoring Committee. The Authority also observed that the Project Proponent has requested for extension of validity of the Environmental Clearance. The Authority noticed that the EC is valid till 07.02.2023 (after Covid relaxation). In the meantime the Project Proponent can apply for extension through “PARIVESH’ Portal with all necessary documents, if extension is required.

The Authority also noticed that the O.M dated 12.04.2022 does not have any retrospective effect and the existing EC will expire on 07.02.2023. In this circumstances, the request of the Project Proponent cannot be considered.

Item No.119.13

Environmental Clearance for the Building Stone Quarry Project of Mr. Saji Vadakkekara (Proprietor), M/s Planters Aggregates in Re-

**Survey No. 168, Karukutty Village & Karukutty Grama Panchayat,
Alwaye Taluk, Ernakulam, Kerala - Judgment dated 11-09-2021 in
WP (C) 16230 of 2021 filed by M/s Planters Aggregates - Revalidation
of EC
(File No. 1065/SEIAA/EC3/1912/2016)**

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee of SEAC, and observed that the 131st SEAC meeting recommended the project for revalidation with a Project Life of 30 Years from date of original EC (22.12.2017), subject to certain specific conditions. The Committee also suggested that the issuance of EC shall be subject to the receipt of the report from the District Geologist as per the decision of the 91st SEIAA meeting held on 29th April 2019. Even after repeated requests, the report is pending with geologist.

Under the circumstances, the Authority decided the following:

- 1) Send a D.O Letter from Member Secretary, SEIAA, Kerala to the Director, Mining & Geology Department to get the report from the District Geologist, Ernakulam within a month.
- 2) Hear the Project Proponent in the next meeting. The Project Proponent should present for hearing with all documents to substantiate his averments. The SEIAA Secretariat shall intimate the Project Proponent well in advance.

**Item No.119.14 Application for the extension of Environmental Clearance of M/s G.K. Granites for the Building Stone Quarry Project for an area of 7.0802 Ha in Sy Nos. 51/1, 51/3, 51/4, 51/5, 51/6, 51/10, 51/11, 53/2, 53/3, 53/4, 53/5, 53/6, 53/7, 60/4 (p), 60/5 (p), 60/7 & 66/4, Kizhakkambalam Village, Kunnathunadu Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/254154/2022; 522/SEIAA/EC3/3826/2014)**

The Authority deliberated the item and noted the decision of 129th SEAC meeting, 116th SEIAA meeting and the request of the Project Proponent to revalidate the EC for an area of 7.0802 Ha. The Authority observed that as per the revised Mining Plan, the area proposed is

7.2782 Ha whereas in the original EC the area is 7.0802 Ha. There is no substantial reasons to reconsider the decision of 116th meeting of SEIAA.

Authority decided to adhere to its earlier decision to direct the Project Proponent to submit the application for ToR through PARIVESH Portal. Authority also decided to inform the project proponent as the area is more than 5 Ha as per the directions of NGT dated 13.9.2018 in OA no 186/2016 and in 6 other OAs, an EIA study and Public Consultations have to be carried out for consideration of his proposal.

Item No.119.15 Environmental Clearance for Laterite Building Stone Quarry project of Sri. Prince M.P. for an extent of 0.1940 in Re - Survey No-83/2 Edakattuvayal Village, Kanayannur Taluk, Ernakulam, Kerala - Rejection Order issued (SIA/KL/MIN/141091/2020; 1863/EC3/2020/SEIAA)

The Authority deliberated the item with its earlier decision to reject the application and the request of the Project Proponent to provide for hearing. The Authority observed that the rejection order issued on 04.08.2022 due a built structure owned by the land owner within the restricted limit of the project area and the Project Proponent has also confirmed the same.

Authority decided that the request of the Project Proponent shall not be considered as per the existing norms.

Item No.119.16 Revalidation of Environmental Clearance issued to Smt. Subhaprabha for mining of Laterite Stone in Sy.No.23/2 at Ulliyeri Village, Koyilandy Taluk, Kozhikode District [File No. 690/A1/2019/SEIAA]

The Authority perused the item and noted the decisions of various SEAC meetings and the field inspection report of the Sub-Committee. The SEAC in its 132nd meeting has recommended the revalidation of EC with the project life of 6 years from the date of original EC i.e 02.03.2020 subject to certain additional specific conditions in addition to the General and specific conditions in the original EC.

The Authority decided to revalidate the Environmental Clearance for the project life of 6 years from the date of original EC (02.03.2020). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. Retention wall of the mine waste dump should be strengthened.
2. The excavation activity associated should not involve blasting.
3. The excavation activity should not alter the natural drainage pattern of the area.
4. The excavated pit should be restored by the Project Proponent for useful purpose.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emission by covering of excavated laterite brick during transportation
7. Workers/labourers should be provided with facilities for drinking water and sanitation
8. No water logging should be allowed in the mine pit and appropriate drainage arrangements should be in place from the very beginning of the mining activity.
9. 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.
10. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
11. 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
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).

Item No.119.17

**Environmental Clearance for the Building Stone Quarry Project of Sri. C.G. George in Re-Sy Nos. 86/2, 87, 88/2, 88/3, 88/1, 89/2B, 147/2, 139/1, in Kolavallur Village, Kuthuparamba Grama Panchayat, Thalassery Taluk, Kannur District - Judgment in WP (C) No.28530/2020 - Revalidation of EC.
(File No.623/SEIAA/EC4/4806/2014)**

The Authority deliberated the item and noted the decision of the 117th meeting of SEIAA and the hearing note submitted by the Project Proponent on 03.10.2022. The Authority observed that the original EC issued on 01.06.2016 was for an area of 4 Ha comprised in 86/2, 87, 88/2, 88/3, 88/1, 89/2B, 147/2, 139/1, where the revised Mining Plan submitted for revalidation is for an area of 3.4081 Ha comprised in Sy Nos. 88/1, 89/2B, 147/2, 139/1. Since there is a change in area and change in Sy Nos. in the application for revalidation of EC, the Project Proponent has to apply for a fresh /modification of EC through PARIVESH Portal with revised mine plan and other necessary documents.

Item No.119.18 **Environmental Clearance for the quarry project of Sri. Peter M. Puravath, M/s. B. P. Associates in Sy Nos. 684, 685, 688, 693/2, 692, 690, 691, 687, 688p, 689p, 690p and 700p at Desamangalam Village Thalappilly Taluk, Thrissur District, Kerala – Judgment dated 05.04.2022 in WP(C) No.12328 of 2022 - Revalidation of EC (File No.153/SEIAA/KL/3073/2013)**

The Authority deliberated the item and observed that the SEAC in its 132nd meeting decided that the Project Proposal cannot be appraised for revalidation due to the non-submission of the following documents:

1. Certified production details from Mining and Geology Department.
2. EMP incorporating the above results & CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF&CC, GOI.
3. Recent Survey Map
4. Recent Cluster Certificate
5. Lease details, validity etc.
6. Revised scheme of mining.

Authority decided to direct the Project Proponent to submit the above documents for appraisal within one month and If the proponent fails to submit the details within the time limit, the proposal shall be delisted without further intimation.

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Item No.119.19 **Proposals for Environmental Clearance in which application for withdrawal is received from Project Proponent.**
(File No. 96/A1/2021/SEIAA)

The Authority perused the item and noted the request of the Project Proponent to withdraw the application. The Authority accepted the request of the Project Proponent to withdraw the application and intimate the matter to Mining & Geology Department.

Item No.119.20 **Request from MD, KTDFC for “Consent to Operate” for the KSRTC Bus Terminal Complex, Thampanoor, TVPM**
(File No. 2451/A1/2022/SEIAA)

The Authority verified the request of the MD, KTDFC and observed that the KTDFC has commenced the construction of KSRTC Bus Terminal Complex after the issuance of EIA Notification, 2006. As the total built-up area is more than 20000 m², the project warrants prior Environmental Clearance. Since, the construction was completed without getting prior Environmental Clearance, it is a case of violation of EIA notification 2006 and amendments thereby and violation proceedings shall be initiated as per OM's dated 14.3. 2017 and 8.3.2018 issued by MoEF&CC for issue of EC . Hence, the MD, KTDFC may be informed to submit an application for prior EC as per the latest amended OM, F.No. 22-2112020-IA.III [EI38949] dated 28.01.2022 issued by MoEF&CC, in case if they require EC .

The copies of the above cited OM's may be enclosed along with the letter for ready reference and necessary further action.

Item No.119.21 **Application for EC of M/s Marath Enterprises and Crushers Pvt Ltd in Survey Nos. 197/2(p), 198/8(p), 198/9(p) 198/2(p), 198/10(p) & 205/2(p) Koppam Village, Pattambi Taluk, Palakkad, Kerala - Judgment dated 26.08.2021 in WP (C) No.14476/2021 & Judgment dated 22.08.2022 in WP(C) No.25902 of 2022 filed by M/s Marath Enterprises and Crushers Pvt Ltd)**
(SIA/KL/MIN/273506/2022; 310/SEIAA/KL/1693/2014)

The Authority examined the proposal and noted that the project was issued EC on 11.6.2017 for a period of 5 years which was set aside by the H'ble Court directing it to be considered by the DEIAA. As per the direction of the H'ble High Court on 26.8.2021, the 130th meeting of the SEAC held during July 4 - 6, 2022 considered the proposal, and decided to invite the Project Proponent for a presentation. After the verification of documents, it is observed that the Project Proponent has not submitted the recent Cluster Certificate. As per the available Cluster Certificate, the total project area within the cluster of 500m radius is more than 5 Ha and hence it warrants Environmental Impact Assessment study and Pubic Consultation.

After deliberations, the SEAC decided to direct the Project Proponent to revise and resubmit all the documents uploaded earlier. As per the existing norms and as suggested by SEAC, the Project Proponent has to submit the Terms of Reference (ToR) for carrying out Environmental Impact Assessment (EIA) study, Public consultation and preparation of Environmental Management Plan (EMP). Therefore, the Authority decided to direct the Project Proponent to submit the application for Terms of Reference (ToR) in PARIVESH Portal for carrying out EIA study, Public consultation and preparation of EMP as per the procedure prescribed in the EIA notification 2006.

The Authority also noted the Judgment in WP(C) No. 14476 of 2021 dated 26.08.2022 which directs SEIAA to consider the application of the petitioner for EC within a period of two months from the date of receipt of a copy of the judgment. It is also noted that the observation of the H'ble High court that there is no change of norms as specified in the Judgment is not correct, since there is change of norms incorporating the EIA study, Public consultation and preparation of EMP and Authority decided to bring the same to the notice of Hon'ble High Court through Standing Counsel.

Item No.119.22 **Environmental Clearance issued to M/s. Darkstone Land Developers Pvt Ltd in Sy. No. 1/1 (pt) of Ottappalam Village, Ottappalam Taluk, Palakkad District, Kerala by Sri. Shamsudheen. M.P – CrI. M. C. No. 1232 of 2021- Judgement dated 1.12.2020 in WP (C) No.26042 of 2020 – Revalidation of EC.**
(File No. 705/SEIAA/KL/5657/2014)

The Authority deliberated the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from RO, MoEF& CC, Bangalore. The SEAC in its 129th meeting has recommended the revalidation of EC with a project life of 12 years from the date of issuance of original EC (25.10.2017) subject to the direction of the H'ble High Court in the WP(C) No. 26042/2020.

Authority noted that in the Judgment dated 18.10.2022 in Crl.M.C No. 1232 of 2021, the H'ble High Court ordered that “the order impugned in the Crl.M.C No. 1232 of 2021 shall stand stayed and the said orders will not stand in the way of revalidating the EC of the Petitioner by the competent authorities, and to re-commence, the quarrying operations based on the same, provided the petitioner obtain necessary statutory clearances in this regard from all the Authorities concerned”.

The Authority observed that the Hon'ble Court has directed SEIAA to complete the revalidation process in its judgment in Crl.M.C No. 1232 of 2021. Further, it is also noticed that the Hon'ble High Court in its interim order in Crl.M.C No. 1232 of 2021 dated 08.10.2021, has not considered the prayer of the Project Proponent to lift stop memo issued by Revenue Divisional Officer Ottappalam in the light of the information placed before the court. H'ble High Court has noted the subsequent developments and ordered that the orders impugned in Crl.M.C shall stand stayed and the said orders will not stand in the way of revalidating the EC of the petitioner by the competent Authorities and to recommence the quarrying operations based on the same, provided the petitioner obtains necessary clearances in this regard from all the authorities concerned, subject to final orders in Crl. M.C.

Under the circumstances, the Authority decided to revalidate the Environmental Clearance for the project life of 12 years from the date of the original EC (25.10.2017) subject to final orders in Crl. M. C. 1232/2021 of High Court of Kerala and to the following Additional Specific Conditions in addition to the specific and general conditions stipulated in the original EC order

1. As ordered by Hon'ble High Court the Project Proponent shall obtain necessary clearances in this regard from all the authorities concerned including the permission from RDO Ottapalam who has issued the stop memo.
2. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically by removing the silt deposited such that there should not be any hindrance to overland flow.
3. No blasting should be done during the days of moderate and heavy rains considering the high land fragility of the region.
4. Only short hole blasting should be done by adopting the NONEL technique with a drill hole of 32mm diameter and depth of 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m.
5. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
6. Green belt in the buffer zone should be strengthened with indigenous species and nurtured throughout the project period till the mine closure plan is implemented in total.
7. Geo-tagged photographs of different stages of green belt development, periodic cleaning of garland drain, silt traps, siltation ponds, and outflow channel should be submitted along with half-yearly compliance report.
8. Benches should be formed and maintained as stipulated in the EC.
9. Mined-out benches should be filled with topsoil and planted with local plant species
10. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.119.23

Revalidate the Environmental Clearance for the Laterite Stone Quarry of Mr. Ramachandran P., in Re-Sy. No. 19/245 at Koodathai Village, Thamarassery Taluk, Kozhikode, Kerala. (SIA/KL/MIN/144086/2020; 1597/EC4/2020/SEIAA)

The Authority perused the item and observed that the SEAC has recommended the EC for one year by appraising the online file in PARIVESH Portal. As per the approved mining plan the life of mine is 4 years. Since there is no provision to re-consider the previous online file for

further appraisal, the Authority decided to direct the Project Proponent to submit an application for the extension of EC, with all necessary documents through PARIVESH portal.

Item No.119.24 **Environmental Clearance issued to the Building Stone Quarry project of Sri. Nissar Rahim, in Re-Sy Nos 82/2 at Kondoor Village, Meenachil Taluk, Kottayam, Kerala - Request for correction of EC General Condition**
(File No: 1266/EC2/2019/SEIAA)

The Authority perused the item and found that the General Condition No.18 in the EC issued to the Building Stone Quarry project of Sri. Nissar Rahim, in Re-Sy Nos 82/2 at Kondoor Village, Meenachil Taluk, Kottayam, it was mentioned that “a minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided”. In the 87th SEIAA meeting held on 14th January, 2019 and 91st SEIAA meeting held on 29th April, 2019 it was stated that SEIAA consistently follows the KMMCR, 2015 and its amendments. As per KMMC Rules, 2015 and its amendments a minimum distance of 50m should be left from built-up structures. Under the circumstances, the Authority decided to issue the Erratum to General Condition No. 18 as follows:

“A minimum buffer distance of 50m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided”.

Item No.119.25 **Environmental Clearance for the Building stone Quarry Project of Sri. Sumith Goyal, Managing Director, M/s RDS Project Ltd., in Re-Sy No. 74/1D of Kuttoor Village, Payyannur Taluk, Kannur District.**
(SIA/KL/MIN/45999/2019; 1504/EC3/2019/SEIAA)

The Authority perused the item and noted the decisions of various SEIAA/SEAC meetings, the H’ble NGT final order dated 25.01.2022 in O.A.No.75/2021 and the Order dated 14.09.2022 in M.A. No. 4 of 2022 of the Hon’ble NGT.

The 113th SEIAA decided to issue a show cause notice to the Project Proponent as to why the EC given to him should not be cancelled quoting the observations of SEAC, Joint committee

report and directions of NGT. SEIAA allowed 3 weeks' time from the date of receipt of show cause notice to submit his explanation. The Authority also directed the Project Proponent to remit the penalty amount in the Department of Mining and Geology to comply with the NGT directions.

As per the order dated 14.09.2022 in M.A.No.4 of 2022 the Hon'ble NGT has dismissed the prayer of the Project Proponent to set aside the order of the NGT in OA No.75/2021 with a direction to SEIAA to take appropriate action on M/s RDS Project for the violation of EC conditions and to file compliance report in respect of operations and utilization of Environment Benefit Fund and recovery of Environmental Compensation. Since, no reply has been received from the Project Proponent to the show cause notice and the direction issued as per the decision of the 113th, **Authority decided to cancel the EC issued to M/s. RDS Project Ltd without further notice with immediate effect, explaining the circumstances in detail under which EC is cancelled and inform the same to NGT.**

Item No.119.26 Environmental Clearance for the Building Stone Quarry Project of Mr. Arun Varghese, Managing Partner, M/s Tasna Mines in Re Survey Nos. 76/8, 77/1, 77/2, 78/6, 97/1, 97/2 at Mancode Village, Kottarakkara Taluk, Kollam, Kerala (File.No.1201/EC2/ 2018/ SEIAA)

The Authority perused the item with the decisions of various SEIAA/SEAC meetings, Judgment in WP(C) No. 26513/2020 for revalidation, Judgment regarding the appeal No. 20/2020 and 21/2020 of H'ble NGT. Authority noticed that the H'ble NGT disposed the appeals with following directions: -

1. We reject the contention that the appeals filed by barred by limitation and it is liable to be dismissed in limine.
2. We don't find any reason to set-aside the environmental clearance for any of the reasons stated by the appellants. But for short question to be considered regarding the period of environmental clearance as has been directed by the H'ble High Court of Kerala also, we feel that till that the decision is taken by the State Expert Appraisal Committee and State

Environment Impact Assessment Authority, Kerala, the environmental clearance can be suspended for that purpose till that period especially the 7th respondent had mined excess quantity and penalty was imposed by the Mining Department.

3. The State Environment Impact Assessment Authority, Kerala can also consider the question as to whether any action to be taken against the 7th respondent for the violations noted by the Joint Committee in the report which was extracted above after following the procedure provided under the EIA Notification 2006 by giving an opportunity to the 7th respondent and take appropriate action against them in accordance with law.
4. The State Environment Impact Assessment Authority, Kerala is directed to refer the matter to State Expert Appraisal Committee to consider the question of validity of the environmental clearance period, the quantum of mining that can be carried out applying the “Precautionary Principle” the terrain of the area and the availability of mining articles and impact of mining on environment and then take appropriate decision in this regard and make appropriate recommendation to State Environment Impact Assessment Authority, Kerala and on that basis, State Environment Impact Assessment Authority, Kerala is directed to pass appropriate directions in accordance with law. The entire exercise of quantifying the validity period of the environmental clearance and quantum of building stone can be quarried and further conditions, if any, to be issued had to be completed by State Environment Impact Assessment Authority, Kerala and State Expert Appraisal Committee within the period of four (4) months from the date of receipt of this Judgment.
5. The Mining Department is directed to assess the environmental compensation for excess mining on the basis of the directions issued by the H’ble Apex Court in Common Cause Vs. Union of India (2017) 9 SCC 499 and also the directions issued by the Principal Bench of National Green Tribunal in O.A. No. 360 of 2015 and other connected cases by order dated 26.02.2021 besides the royalty, fine and value already collected as per the mining law.

In the above circumstances, the Authority decided the following:

1. The Mining Department is directed to assess the environmental compensation for excess mining on the basis of the directions issued by the H’ble Apex Court in Common Cause

Vs. Union of India (2017) 9 SCC 499 and also the directions issued by the Principal Bench of National Green Tribunal in O.A. No. 360 of 2015 and other connected cases by order dated 26.02.2021 besides the royalty, fine and value already collected as per the mining law, within a period of 3 months under intimation to SEIAA.

2. Refer back the proposal to the State Expert Appraisal Committee to consider the question of validity of the environmental clearance period, the quantum of mining that can be carried out applying the “Precautionary Principle” the terrain of the area and the availability of mining articles and impact of mining on environment and then take appropriate decision in this regard and make appropriate recommendation to State Environment Impact Assessment Authority, Kerala within 3 months considering the recommendation of Joint Committee.
3. Suspend EC for four months to enable SEAC to complete appraisal and to complete the action by Mining department as ordered by NGT.

Item No.119.27

**Environmental Clearance issued for the Quarry Project of M/s Metarock Pvt. Ltd in Sy.No.339/5, 339/6, 339/7, 339/7-2, 339/7-3, 339/7-4, 339/7-5, 339/7-6, 339/7-7, 339/14, 339/15, 339/16, 339/17, 339/18, 339/19, 339/20, 339/24, 339/25, 339/26, 340/9, 340/10, 340/11, 340/20, 340/20-1, 341/4, 341/5, 341/6, 341/7, 341/9-1, 341/9-2, 341/9-3, 341/9-4, 341/9-5, 341/10, 341/11, 341/12, 341/13, 342/2, 342/3, 343/9, 345/1, 345/1-3, 345/1-2, 345/1-16, 345/1-22, 345/1-6-1, 355/26, 341/2-1, 341/2-2 & 342/4, Aruvikkara Village and Panchayat, Nedumangad Taluk, Thiruvananthapuram, Kerala - Judgment dated 03.08.2021 in WP(C) No.15172/2021 - Revalidation of EC.
(File No. 235/SEIAA/KL/851/2013)**

As intimated by SEIAA, the Project Proponent along with his Consultant M/s Environmental Engineers and Consultants Pvt Ltd attended the hearing and the Consultant made a brief presentation. The Authority heard the averments, verified the hearing note with all documents that have already submitted, and observed that since, the project area, survey numbers and the minable reserves differs from the original EC, the application cannot be considered for revalidation unless the changes are effected as made out during personal hearing. Further, as

project area is more than 5 Ha as per the directions of NGT dated 13.9.2018 in OA no 186/2016 and in 6 other OAs, an EIA study and Public Consultations have to be carried out for consideration of his proposal.

Authority decided to adhere to its earlier decision and decided to inform the Project Proponent to apply for ToR for the EIA study and Public Consultations. The Authority also noted that the EC expires on 30.12.2022 (after Covid relaxation) and decided to extend the validity of the existing EC for a period of one year from the date of expiry (30.10.2022 (after covid relaxation)) to complete the Public Consultations.

**Item No.119.28 Environmental Clearance for the Quarry Project of Sri. Shibu Pynadath John, Managing Director, M/s Pynadath Granite Pvt Ltd. in Sy Nos. 2066/1, 2067/2, 2063, 2057, 2056/2, 3 and 2067/1 at Kuttichira Village, Kodassery Panchayath, Chalakkudy Taluk, Thrissur, Kerala – Judgment dated 18.11.2020 in WP(C) No. 24278 of 2020 - Revalidation of EC.
(File No. 606/SEIAA/ EC1/4633/2014)**

As intimated by SEIAA, Sri. Sunil Karappadam and Adv. Ijlal, on behalf of Sri. Rappayi have attended for hearing and explained their averments. The Authority after hearing directed them to submit the hearing note within 7 days for further decision to be taken in the next SEIAA meeting.

**Item No: 119.29 Environmental Clearance for the Building Stone Quarry Project of Sri. George Joseph, Managing Partner, M/s G.M Granites in Survey No. 254/2(P) and 254/3(P) Ayyampuzha Village & Ayyampuzha Panchayat, Aluva Taluk Ernakulam Kerala -Revalidation of EC
(File No. 1068/SEIAA/EC3/1723/2016)**

The Authority perused the item and noticed that prohibitory orders had been issued to M/s. G.M Granites vide order no. C1-4361/20 dated 16.2.2022 of Tehsildar, Aluva as per the direction of the District Collector. The District Geologist, Ernakulam had been ordered to take immediate actions to book case against M/s. G.M. Granites and charge seniorage and fine as per

the provisions of the law for over extraction of 11,99,422.32 MT of hard rock. The SEAC in its 125th meeting decided not to proceed with the revalidation process of M/s. G.M. Granites, Ayyampuzha further and reported the matter to the SEIAA.

The 113th SEIAA meeting held on 19th & 20th April 2022 decided to suspend EC with immediate effect and issue a Show Cause notice to the Project Proponent to submit his explanation with 3 months for not cancellation of EC for violation of the EC condition. The show Cause notice and Suspension Order were issued on 09-06-2022. But no reply has been received so far.

Under these circumstances, the Authority decided the following:

1. To issue EC Cancellation order with immediate effect, explaining in detail the irregularities committed by violating EC conditions
2. SEAC shall assess the environmental damages caused due to the violation of EC conditions and inform the same to Department of mining and Geology to recover the same along with other penalties.
3. To take actions for registering a case against Sri. George Joseph, Managing Partner, G.M. Granites as per section 15(1) of the EP Act 1986 for violation of EC conditions.

Item No.119.30 **Complaint against the quarrying operations owned by Shri. K.M. Jalal at Kottappady village, Kothamangalam Taluk, Ernakulam from Shri. Anish M.S., Muttupara veedu, Plamudy P.O., Kottapady, Ernakulam- Report received from District Geologist dated 21-03-2022 (File No. 1263/EC2/2019/SEIAA)**

The Authority perused the item and noticed that 43524.2 MT of ordinary earth has been illegally mined and 178359.75 MT of building stone was extracted from outside the permit area. Thus total mineable reserves in the area have been exhausted and action has been initiated against the quarry owner as per KMMC Rules, 2015.

The Authority as decided in the 113th meeting issued a suspension order dated 07-06-2022, and a Show Cause notice dated 08-06-2022 was also issued , to submit the explanation

within 3 weeks as to why the EC given shouldn't be cancelled for violation of EC conditions. But no reply has been received so far.

Under these circumstances the Authority decided the following:

1. To Cancel the EC with immediate effect explaining in detail the irregularities committed due to violation of EC conditions.
2. SEAC shall assess the Environmental Damages caused due to the violation of EC conditions and inform the same to Department of mining and Geology to recover the same along with other penalties.
3. To take action for registering a case against Shri. K.M. Jalal at Kottappady village, Kothamangalam Taluk, Ernakulam as per as per section 15(i) of the EP Act 1986 for violation of EC conditions. Panicker please discuss

PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1 **Environmental Clearance for the Building Stone Quarry project of Sri. Tijo Lalu in Block No.12, Re-Sy Nos. 104/8-1pt, 110/7pt, of Vengoor Village, Kunnathunad Taluk, Ernakulam, Kerala (SIA/KL/MIN/126475/2019; 1724/EC3/2020/SEIAA)**

Sri. Tijo Lalu, submitted an application for Environmental Clearance *via* PARIVESH Portal on 22/11/2019, for the mining of Granite Building Stone Quarry, for an area of 0.6046 Ha in Block No.12, Re-Sy Nos. 104/8-1pt, 110/7pt, of Vengoor Village, Kunnathunad 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 Filed Inspection Report. After the due appraisal, the SEAC in its 132nd 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 for 101895 MT, 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 total minable reserve is 101895MT and the lowest bench should be limited to 40m above MSL. Hence the production of the last two benches should be avoided.***
4. *Compensatory afforestation should be done at the proposed site with local plants as mentioned in the biodiversity assessment and also climbers and herbs prior to commencement of mining and the progress should be documented as geotagged photographs and submitted along with HYCR.*
5. *Environment Management Cell (EMC) shall include one Environment Science qualified subject expert.*
6. *The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
7. *Development of green belt to be initiated in the demarcated buffer zones prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
8. *Drainage system incorporating garland canal, silt traps at every 50m, 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. *Overburden dumping site should be protected with retention wall of appropriate height.*
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 10.30am) 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. ***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.2

**Environmental Clearance for Granite Building Stone Quarry of Sri. Jalaludeen K for an extent of 0.7161 Ha in Sy Nos. 30/3-2, 30/3-3, 30/3-4, 30/14, 37/5-1, 37/5-2 & 37/5-3 Veliam Village, Kottarakara Taluk, Kollam, Kerala.
(SIA/KL/MIN/129766/2019; 1616/EC2/2020/SEIAA)**

Sri. Jalaludeen K, Charuvila Puthen Veedu, Veliyam West PO, Kollam, Kerala – 691 540, submitted an application for Environmental Clearance via PARIVESH Portal on 16.03.2020, for the Granite Building Stone Quarry project, for an extent of 0.9668 Ha in Survey Nos. 30/3-2, 30/3-3, 30/3-4, 30/14, 37/5-1, 37/5-2 & 37/5-3 Veliyam Village, Kottarakara 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 132nd 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 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. Haulage road should be developed with a width of at least 7m prior to the commencement of mining.*
- 4. The haulage road passes very close to two residential houses and their concurrence should be obtained prior to commencement of mining.*
- 5. The depth mining should be limited up to 20m above MSL so as to prevent interference with groundwater table as the depth to water table is 15m bgl.*
- 6. Development of green belt should be initiated prior to the commencement of mining operation.*
- 7. Compensatory afforestation should be initiated prior to the commencement of mining.*

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 compliance report*
10. *Retaining 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 10.30am) and afternoon (3.30pm to 5 pm).*
13. *The haulage road should be 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. ***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.3

**Environment Clearance for Building Stone Quarry of Sri. Ashok Mathai Alexander, Managing Partner, M/s. Highrange Granite Industries, for an area of 4.5000 Ha in Sy No: 431 (Part) & 442 Part (Patta land) at Kokkayar village, Peerumade Taluk, Idukki.
(SIA/KL/MIN/132273/2019; 2060/EC3/2022/SEIAA)**

Sri. Ashok Mathai Alexander, Managing Partner, M/s. Highrange Granite Industries submitted an application for Environmental Clearance via PARIVESH Portal on 21/12/2019, for the mining of Granite Building Stone Quarry, for an area of 4.5000 Ha in Sy Nos. 431 (Part) & 442 Part (Patta land) at Kokkayar village, Peerumade Taluk, Idukki.

The Authority perused the proposal and noted that SEAC in its 132nd meeting examined the proposal and found the project site is located in ESA and hence rejected the proposal.

The 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.4

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)

Sri. Binoj K. Baby, Managing Partner, Pulpally Stone Crushers, Sasimal P.O, Pulpally, Wayanad District, Kerala vide application received on 19.09.2020, sought Environmental Clearance for the proposed Granite Building Stone Quarry in Re-Sy. Nos. 399/1, 399/15 & 399/18 of Padichira Village, Sulthan Bathery Taluk, Wayanad, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 123rd, 126th, 127th, 130th meetings held on different dates. The Committee in its 130th meeting examined the proposal and discussed the field inspection report. It is found that a residential building occupied by the proponent is situated at a distance of 31m which is certified as Site Office by the Village Officer. There are also other buildings within 50m. As per the decision of SEIAA, and as per the existing norms, EC cannot be issued if a built structure is within 50 m from the project boundary. Therefore the Committee decided to recommend rejection of the proposal.

On the request of the proponent on 03.08.2022 and as per the Judgment dated 12.08.2022 in WP(C) No.26010/2022, the 118th SEIAA meeting held on 30th September & 01st October 2022 Authority heard the proponent and directed to submit the hearing note. The Authority verified the hearing note submitted by the proponent on 07.10.2022, 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.5

Environmental Clearance for the Building Stone Quarry project of Sri Vinoi Kurian M/s. Four Star Granites, for an area of 1.6479 Ha in Sy. 503/1, 503/2, 498/3-B/8- 6, & 493/1/14-8 of Varappetty Village, Kothamangalam Taluk, Ernakulam, Kerala. (SIA/KL/MIN/134527/2020; 1637/EC3/2020/SEIAA)

Sri. Vinoi Kurian, M/s. Four Star Granites, submitted an application for Environmental Clearance via PARIVESH Portal on 03/01/2020, for the mining of Granite Building Stone Quarry, for an area of 1.6479 Ha in Sy. 503/1, 503/2, 498/3-B/8-6 & 493/1/14-8 of Varappetty Village, Kothamangalam Taluk, Ernakulam, 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 proponent during appraisal, and the Field Inspection Report. After the due appraisal, the SEAC in its 132nd meeting recommended EC for a project life of 7 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 7 years as recommended by SEAC, 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 proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The 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 filed verification to ensure that mining is carried out sustainably as per the EC conditions.*

4. *The depth of mining should be limited to **40m** above MSL to prevent intersecting of water table.*
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. *The garland canal, silt traps and outflow channel should be maintained periodically by cleaning and desilting and geo-tagged photographs of the process should be included in the half yearly compliance report*
7. *Development of green belt should be done in the first six months in the demarcated buffer zones prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
8. *Compensatory afforestation should be done at the proposed site with local plants as mentioned in the biodiversity assessment and also climbers and herbs prior to commencement of mining and the progress should be documented as geotagged photographs and submitted along with HYCR.*
9. *The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
10. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
11. *The boundary pillars should be fixed permanently and submit photos along with HYCR.*
12. *The approach road leading to the quarry should be widened before the commencement of quarrying*
13. *The haulage road should be developed and maintained well with frequent sprinkling.*
14. *Environment Management Cell (EMC) shall include one Environment Science qualified subject expert.*
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 10.30am) and afternoon (3.30pm to 5 pm).*
17. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*

18. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
19. *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.*
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 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.*
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.6

**Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Raju K. Thomas in Block No. 26, Re-Sy No. 217pt (Govt. Land) at Pallickal Village, Varkala Taluk, Thiruvananthapuram, Kerala
(SIA/KL/MIN/134791/2020; 1625/EC1/2020/SEIAA)**

Shri. Raju K. Thomas, Kalloth River View, Vadasserikkara, Ranni, Pathanamthitta District - 689 662 submitted an application for Environmental Clearance via PARIVESH on 04.01.2020 for the proposed Granite Building Stone Quarry for an area of 2.9824 Ha in Block No. 26, Re-Sy No. 217pt (Govt. Land) at Pallickal 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 Filed Inspection Report. After the due appraisal, the SEAC in its 132nd 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 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 shall be issued subject to the condition that the Project Proponent shall produce valid NoC or clarification regarding the validity of NOC from the District Authorities.*
- 4. The government lease area shall be used for the mining activities only.*
- 5. The depth of mining should be limited to 58m above MSL to prevent intersecting the water table as the depth to water table is 55m above MSL.*
- 6. The 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.*
- 7. 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.*
- 8. A retaining wall of appropriate height should be provided for the overburden dumping site.*
- 9. OB Dump site should be in the open land available at lower elevation, for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine.*
- 10. Compensatory afforestation should be done prior to the commencement of mining with indigenous species of trees and the geocoordinates of the afforested place with photographs should be provided along with half-yearly compliance report.*
- 11. The approach road leading to the quarry should be widened to a minimum width of 7 m before the commencement of quarrying.*
- 12. The boundary pillars should be changed with concrete pillars with a minimum size of 10 cm x10 cm, marked with geo coordinates and provide proof (photo) along with HYCR.*
- 13. 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.*

14. *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.*
15. *An additional settling pond should be established at the lower part of leased land, for ensuring clear water discharge, into nearby river / lower part of land, as Pallichal River is flowing nearby. The natural course or flow of Pallikkal River shall not be disturbed.*
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.7 **Environmental Clearance for the Removal of Ordinary Earth of Sri. Binu K. Alias, in Block No. 49, Re-Sy Nos. 132/5, 132/6, 132/14, 132/22, Aikarand South Village, Kunnathunad Taluk, Ernakulam, Kerala.**
(SIA/KL/MIN/135339/2020; 2027/EC3/2022/SEIAA)

Sri. Binu K. Alias, submitted an application for Environmental Clearance via PARIVESH Portal on 06/01/2020, for the mining of Ordinary Earth, for an area of 0.6200 Ha in Block No. 49, Re-Sy. Nos. 132/5, 132/6, 132/14, 132/22, Aikarand South Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority perused the item and noted the SEAC in its 132nd meeting recommended EC with a certain Specific Condition that the borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site. Authority observed that as there is an approved Mining Plan the 2m depth is not practical in the case of mining of ordinary earth.

Authority also noticed that the slope is towards north - south direction, at the northern end the depth of excavation is upto 18 m and there are houses within 10m at the southern side. Since benches are not practical for mining ordinary earth, Authority decided to refer back the proposal to SEAC for reconsideration by assessing the impact of removing this much volume of earth and give recommendations by suggesting protective measures to avoid landslides/slips, etc, in case the proposal can be reconsidered with additional protective measures.

Item No.8 **Environmental Clearance for the Granite building Stone Quarry project of Sri. Saju George for an area of 0.5921 Ha in Survey Nos. 590/11 (1,2,3,4), 590/18(1,2,3,4), 590/12(2,3), Vengoor west Village, Kunnathunadu Taluk, Ernakulam, Kerala.**
(SIA/KL/MIN/150744/2020; 1824/EC3/2020/SEIAA)

Sri. Saju George, submitted an application for Environmental Clearance via PARIVESH Portal on 26/08/2020, for the mining of Granite Building Stone Quarry, for an area of 0.5921 Ha. in Survey Nos. 590/11 (1,2,3,4), 590/18(1,2,3,4), 590/12(2,3), Vengoor west Village, Kunnathunadu 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 Filed Inspection Report. After the due appraisal, the SEAC in its 132nd 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 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. Development of green belt should be done in the first six months in the demarcated buffer zones prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 4. The buffer zone at the north side should be filled with overburden and green belt developed.*
- 5. Garland drains along with silt traps at 20m interval, siltation pond of appropriate volume and outflow channel should be provided covering the entire project area. The siltation pond should be provided at the lowest portion of the project area with the outflow channel connected to natural drain.*

6. *Garland drain, silt-traps, siltation ponds, and outflow channel should be desilted periodically to prevent any obstruction to the drainage system. Geo-tagged photographs of periodic cleaning of garland canal, silt traps, siltation pond and outflow channel should be included in the half-yearly compliance report.*
7. *Compensatory afforestation should be done prior to the commencement of mining with indigenous species of trees and the geo-coordinates of the afforested place with photographs should be provided along with half-yearly compliance report.*
8. *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.*
9. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00 am) and afternoon (3.30pm to 5 pm).*
10. *The haulage road should be developed and maintained well with frequent sprinkling.*
11. *Top soil dump site should be at the North-west side and it should be protected with gabion wall*
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.*
14. *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.*
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.9

**Environmental Clearance for the Building Stone Quarry Project of Sri. M. V. Antoo in Block No. 50, Re-Sy Nos. 24/1, 25/4, Mangalam Dam Village, Alathur Taluk, Palakkad District
(SIA/KL/MIN/152787/2020; 1716/EC1/2020/SEIAA)**

Mr. M V Antoo, S/o Vareed M M, Manickathan House, Chandrapura, Manjapra P O, Ernakulam District submitted an application for EC via PARIVESH on 08.05.2020 for the

Building Stone Quarry Project for an area of 1.96 Ha in Block No. 50, Re-Sy Nos. 24/1, 25/4 of Mangalam Dam Village, Alathur Taluk, Palakkad District.

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 proponent during appraisal, and the Field Inspection Report. After the due appraisal, the SEAC in its 132nd meeting recommended EC for a project life of 7 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 7 years as recommended by SEAC , 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 proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The 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 filed verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. Since the quarry site is located within a distance of 10 km from Peechi- Vazhani Wild*

Life Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for mining activity. Hence the Project Proponent is directed to obtain Clearance from Standing Committee of the National Board for Wildlife before starting any activity at the site.

5. *Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.*
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. *The garland canal, silt traps and outflow channel should be maintained periodically by cleaning and desilting and geo-tagged photographs of the process should be included in the half yearly compliance report*
8. *Development of green belt with indigenous species should be done in the first six months in the demarcated buffer zones prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
9. *Compensatory afforestation is required as portion of the buffer is not conducive to thick vegetation growth. Compensatory afforestation should be done at the proposed site with indigenous species as mentioned in the biodiversity assessment report prior to commencement of mining and the progress should be documented as geotagged photographs and submitted along with HYCR.*
10. *OB dumping area should be protected with retaining wall/ gabion structure.*
11. *The haulage road should be developed and maintained well with frequent sprinkling.*
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 10.30am) and afternoon (3.30pm to 5 pm).*
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. *Consent from the neighbor land owners regarding water usage and passing of drainage should be submitted along with the HYCR.*
17. *A copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District Collector, Palakkad and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.*
18. ***Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.***
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. 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.*
20. *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.

21. 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.

22. 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 Building Stone Quarry project of Sri. Stephen Joseph, Managing Director, M/s Crystal Aggregates Pvt. Ltd., for an area of 0.9108 Ha in Sy Nos. 508/3/2, 510/3B/2, Thirumarady Village, Muvattupuzha Taluk, Ernakulam, Kerala. (SIA/KL/MIN/153262/2020; 1825/EC3/2020/SEIAA)

Sri. Stephen Joseph, Managing Director, M/s Crystal Aggregates Pvt Ltd submitted an application for Environmental Clearance via PARIVESH Portal on 22/05/2020, for the mining of Granite Building Stone Quarry, for an area of 0.9108 Ha in Sy Nos. 508/3/2, 510/3B/2, Thirumarady Village, Muvattupuzha Taluk, Ernakulam, Kerala.

The Authority noted the action taken by SEAC in its 123rd, 124th, 126th, 130th & 132nd meetings held on different dates. The Committee in its 132nd meeting examined the proposal, verified the documents and discussed the field inspection report. There are three built structures in the form of chicken farm sheds within 50m, the first one within 10m from the boundary pillar No. 3. Therefore the Committee decided not to recommend the proposal for environmental clearance due to the presence of built structures within 50m of the project site.

The 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.11

**Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. C. Mukundan in Re-Sy Nos. 89/111, 107/143, 107/144, 107/140, 107/141, 107/138 Kolavallloor Village, Thalassery Taluk, Kannur District, Kerala
(SIA/KL/MIN/168033/2020; 1822/EC4/2020/SEIAA)**

Sri. C. Mukundan, S/o Govindan, Chirakarandiyil House, Cheruparamba P.O, Kannur - 670693 submitted an application for Environmental Clearance through PARIVESH on 29.08.2020 for the proposed Granite Building Stone Quarry Project for an area of 0.8977 Ha, in Re-Sy Nos. 89/111, 107/143, 107/144, 107/140, 107/141, 107/138, Kolavallloor 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 132nd 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 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 haulage road should be widened and developed prior to the commencement of mining.*
- 4. Garland drains along with silt traps at 20m interval, siltation pond of appropriate volume and outflow channel should be provided covering the entire project area. The*

siltation pond should be provided at the lowest portion of the project area with the outflow channel connected to natural drain.

- 5. Garland drain, silt-traps, siltation ponds, and outflow channel should be desilted periodically to prevent any obstruction to the drainage system. Geo-tagged photographs of periodic cleaning of garland canal, silt-traps, siltation pond and outflow channel should be included in the half-yearly compliance report.*
- 6. Development of green belt should be done in the first six months in the demarcated buffer zones prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 7. Compensatory afforestation should be done prior to the commencement of mining with indigenous species of trees and the geo-coordinates of the afforested place with photographs should be provided along with half-yearly compliance report.*
- 8. 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.*
- 9. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00 am) and afternoon (3.30pm to 5 pm).*
- 10. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 11. Adequate energy conservation measures proposed should be implemented including solar power installations.*
- 12. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.***
- 13. 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.

14. 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.

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.12

**Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. Anish S. in Re. Sy. No. 136/pt, 137/pt, Kozhipathy Village, Chittur Taluk, Palakkad District
(SIA/KL/MIN/170197/2020; 1776/EC1/2020/SEIAA)**

Mr. Anish S., Punarvasu House, Ambattupalayam, Chittur College Post, Palakkad-678104 submitted an application for EC via PARIVESH on 28.08.2020 for the proposed Granite Building Stone Quarry for an area of 0.5940 Ha in Re-Sy Nos. 136/pt, 137/pt, Kozhipathy Village, Chittur 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 132nd meeting, recommended EC with the project 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. 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.*
- 4. 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.*
- 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 species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.*
- 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. An abandoned quarry with horizontal phase of below 10m distance is found of the proposed project area. This land is understood to be owned by the proponent. It is desirable that this abandoned quarry is protected with fencing after leaving a buffer zone so as to avoid danger to man and animal.*
- 11. 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.*
- 12. The compensatory afforestation should take into consideration the buffer area where green belt development is not possible due to exposed rock*
- 13. Recommendations of Biodiversity Assessment team, (Haul Road Avenue planting, Miyavaki forest and Assisted Natural Regeneration etc.) should be followed while implementing compensatory afforestation.*
- 14. The 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.*
- 15. 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.*
- 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.13

Environment Clearance for the Granite Building Stone Quarry project of Sri. Anish Abraham for an area of 1.0 Ha in Sy No. 730, Vagamon Village, Peerumedu Taluk, Idukki, Kerala

Sri. Anish Abraham, submitted an application for Environmental Clearance via PARIVESH Portal on 01/10/2020, for the mining of Granite Building Stone Quarry, for an area 1.0 Ha in Sy No. 730, Vagamon Village, Peerumedu Taluk, Idukki, 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 proponent during appraisal, and the Field Inspection Report. After the due appraisal, the SEAC in its 132nd meeting recommended EC for a project life of 8 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 8 years as recommended by SEAC, 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 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 filed verification to ensure that mining is carried out sustainably as per the EC conditions.*
4. *Since the quarry site is located within a distance of 10 km from Idukki Wild Life Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for mining activity. Hence the Project Proponent is directed to obtain Clearance from Standing Committee of the National Board for Wildlife before starting any activity at the site.*
5. *Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.*
6. *The boundary pillars should be fixed with concrete and geo-tagged photographs of the same should be submitted prior to commencement of mining.*
7. *The 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 first Half Yearly Compliance Report.*
8. *A temporary wall should be provided all along the stretch of the private road in addition to the green belt to avoid any adverse impact to traffic.*
9. *Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained.*
10. *Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.*
11. *The overburden dump should be protected with gabion wall.*

12. *Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 20m, siltation pond and outflow channel and it should be connected to the nearest natural drain.*
13. *Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.*
14. *The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.*
15. *The haulage road should be maintained well before the commencement of the mining activity.*
16. *The Environment Management Cell (EMC) should include one subject expert qualified in environment science.*
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 proposed should be implemented including solar power installations.*
20. *A copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, SEAC, District Collector, Idukki and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.*
21. *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.*

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 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.*
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.14

Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Chandran V in Sy Nos. 32/100B, 32/100C, 32/95A, Kolathur Village, Kasaragod Taluk, Kasaragod, Kerala (SIA/KL/MIN/208605/2022; 2053/EC2/2022/SEIAA)

Sri. Chandran V, Arayalikal House, Paramb P O, Thekkil, Kasaragod, Kerala-671541 submitted an application for Environmental Clearance through PARIVESH on 22.06.2022 for the proposed Laterite Building Stone Quarry Project, for an area of 0.0971 Ha, in Sy Nos. 32/100B, 32/100C, 32/95A Kolathur Village, Kasaragod Taluk, Kasaragod, 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 132nd 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 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 15m 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 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.*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.30am) 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.15

Environmental Clearance for the mining of Ordinary Clay by Sri. Sebastian Thomas from an area of 0.2509 Ha in Sy Nos. 528/Pt 1, Analloor Village, Chalakkudy Taluk, Thrissur District (SIA/KL/MIN/251981/2022; 2048/EC6/2022/SEIAA)

Sri. Sebastian Thomas, Director, Thomas Tiles (P) Ltd., Analloor, Chalakkudy, Thrissur submitted an application for Environmental Clearance through PARIVESH on 16.06.2022 for the mining of ordinary clay from an area of 0.2509 Ha in Sy. Nos. 528/Pt1, Analloor Village, Chalakkudy Taluk, Thrissur 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 132nd meeting recommended to issue EC for the period of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that the project site is located in a paddy field as per land tax receipt and as per the Kerala Conservation of Paddy Land and Wetland Act, 2008, the conversion of paddy field needs NOC from designated authorities. Hence the Authority decided to direct the proponent to submit the NOC from the concerned Authority.

Item No.16

Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Prasanan in Re Survey No- 490/6, 490/7, 490/8, in Chunakara Village, Mavelikara Taluk, Alappuzha, Kerala (SIA/KL/MIN/262942/2022; 2031/EC2/2022/SEIAA)

Sri. Prasanan, Pournami Bhavan, Chathiyara, Thamarakulam P.O, Alappuzha (Dist.) submitted an application for Environmental Clearance through PARIVESH on 08.06.2022 for the proposed Granite Building Stone Quarry Project for an area of 0.1335 Ha, in Re-Sy Nos. 490/6, 490/7, 490/8, Chunakara Village, Mavelikara Taluk, Alappuzha, 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 132nd 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 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 lowest bench must be 2 m above the lithomargic clay bed.*
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 earth 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. *Measures incorporated in the CER should be implemented as per norms*
 19. *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).*
 20. *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.*
 21. *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.*
 22. *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. Vipin Sivadas for an area of 0.1943 Ha in Block No. 26, Re-Sy No. 35/8, Edakattuvayal Village, Kanayannur Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/263360/2022; 2064/EC3/2022/SEIAA)**

Sri. Vipin Sivadas, submitted an application for Environmental Clearance via PARIVESH Portal on 24/03/2022, for the mining of Laterite Building Stone Quarry, for an area of 0.1943 Ha in Block No. 26, Re-Sy No. 35/8, Edakattuvayal Village, Kanayannur 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 132nd 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 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 lowest bench must be 2 m above the lithomargic clay bed.*
- 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 earth 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. *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.*
19. *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).*
20. *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.*
21. *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.

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

Item No.18

**Environmental Clearance for Ordinary Clay Mining Project of Mr. Prashobh. K. S, in Re-Sy Nos. 94/24, 25, 95/9/1, Tarur-1 Village of Alathur Taluk, Palakkad, Kerala
(SIA/KL/MIN/266125/2022; 1971/EC1/2022/SEIAA)**

Mr. Prashobh K. S, S/o. Sasi, Kollamparambil House, Madathumpadi Post, Thrissur submitted application for EC via PARIVESH on 06.04.2022 for Ordinary Clay Mining over an extent of 0.2564 Ha, in Re-Sy Nos. 94/24, 25, 95/9/1, Tarur-1 Village of Alathur Taluk, Palakkad, 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 132nd meeting recommended to issue EC for the period of 3 year, 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 activity associated with borrowing/excavation 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 the 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. *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. Measures incorporated in the CER should be implemented as per norms*
- 19. 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).*
- 20. 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.*
- 21. 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.*
- 22. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.19

Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Narayanan E. V in Survey No- 690/2D, in Madikai Village, Hosdurg Taluk, Kasaragod, Kerala (SIA/KL/MIN/266625/2022; 2052/EC2/2022/SEIAA)

Sri. Narayanan E. V S/o. Ambunhi Panikker Idayil Veedu, Thekkan Bangalam, Bangalam Post, Kasaragod submitted an application for Environmental Clearance through PARIVESH on 13.07.2022 for the proposed Laterite Building Stone Quarry Project for an area of 0.0971 Ha, in Survey No- 690/2D, Madikai Village, Hosdurg Taluk, Kasaragod, 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 132nd 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 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 15m 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 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*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.30am) 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.20

Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Eramu K M in Survey No. 31/1PT168, Kolathur Village, Kasaragod Taluk, Kasaragod, Kerala (SIA/KL/MIN/267208/2022, 2080/EC2/2022/SEIAA)

Sri. Eramu K.M S/o Moosa Varikkulam House Kolathur P.O Kasaragod 671541 submitted an application for Environmental Clearance through PARIVESH on 24.08.2022 for the proposed Laterite Building Stone Quarry Project for an area of 0.0971 Ha, in Survey No. 31/1PT168, Kolathur Village, Kasaragod Taluk, Kasaragod, 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 132nd 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 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 15m 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 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*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.30am) 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 proposed Granite Building Stone Quarry Project of M/s Megha Engineering & Infrastructures Ltd. in Re-Sy Nos. 74/772, 74/151, 74/154, 74/152, 74/1D Kuttur Village, Payyannur Taluk, Kannur, Kerala
(SIA/KL/MIN/269091/2022; 1975/EC4/2022/SEIAA)**

Sri. Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Industrial Estate, Balanagar, Hyderabad, Telengana-500037 submitted an application for Environmental Clearance through PARIVESH on 22.04.2022 for the proposed Granite Building Stone Quarry Project, for an area of 2.1854 Ha, in Re-Sy Nos. 74/772, 74/151, 74/154, 74/152, 74/1D Kuttur Village, Payyannur Taluk, Kannur District, Kerala.

The Authority noticed that there are two other quarries within 500m radius, of which M/s. RDS Project Ltd is under violation process as per the order of the H'ble NGT. It is also noted that the survey no. 74/1D is common to all these projects. As per the judgment of the H'ble National Green Tribunal in Original Application No. 75 of 2021, it is directed that the Director of Mining and Geology, State of Kerala to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for carrying out ~~doing~~ mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area.

Under the circumstance, the Authority is of the opinion that during the appraisal of adjacent projects, the present circumstances and directions of H'ble Courts shall be taken into consideration before final recommendation. Hence Authority decided to defer the proposal for seeking clarification from Legal Officer, SEIAA on the above issues.

Item No.22

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Krishnan for an area of 0.1259 Ha in Re-Sy Nos. 473/1-1, 473/1-2 Vazhakkad Village, Kondotty Taluk, Malappuram (SIA/KL/MIN/272428/2022; 2070/EC6/2022/SEIAA)

Sri. Krishnan, S/o. Ayyappunni, Kuttiparambath Malaparambu House, Olakara post, Malappuram submitted an application for Environmental Clearance through PARIVESH on 27.08.2022 for the Laterite Building Stone Quarry Project for an area of 0.1259 Ha in Re-Sy Nos. 473/1-1, 473/1-2, Vazhakkad Village, Kondotty Taluk, Malappuram.

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 due appraisal, the SEAC in its 132nd 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 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 15m 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 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*
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. *An offset distance of 15m should be kept between the main road and the proposed site.*
20. *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.

21. 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.

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

Item No.23

Environment Clearance for the Granite Building Stone quarry project of Sri. Abdul Azeez Kottakkaran in Sy No. 1/1A in Pulamanthole Village, Perinthalmanna Taluk, Malappuram (SIA/KL/MIN/276701/2022; 1309/EC2/2019/SEIAA)

Sri. Abdul Azeez Kottakkaran, Kottakkaran House, Pang Chendi Post, Malappuram submitted an application for Environmental Clearance on 17/06/2019 through PARIVESH portal for the Building Stone Quarry Project, for an area of 0.8004 Ha in Sy No. 1/1A in Pulamanthole Village, Perinthalmanna 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 Filed Inspection Report. After due appraisal, the SEAC in its 132nd 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 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 proponent should submit a sworn affidavit that he will comply with the traffic plan submitted by him.*
4. *The proponent should implement safeguard plan for protecting the lower contours of the project area by adopting vegetative measures.*
5. *The overburden dump should be protected with proper gabion wall.*
6. *The garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area.*
7. *The garland canal along with silt traps, collection tanks and outflow channel should be desilted periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.*
8. *Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
9. *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.*
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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

The Authority noticed that there is an illegal quarry working within 200m which is not mentioned in the Cluster Certificate also and hence decided to inform the Mining & Geology Department to take suitable actions.

Item No.24

**Environmental Clearance for the removal of Ordinary Earth of Ms. Sanija Willson, for an area of 0.5666 Ha in Block No. 24, Re-Sy Nos. 385/2-4, 385/3-4, Mulanthuruthy Village, Kanayannoor Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/279012/2022; 2086/EC3/2022/SEIAA)**

Ms. Sanija Willson, submitted an application for Environmental Clearance via PARIVESH Portal on 21/06/2022, for the removal of Ordinary earth, for an area of 0.5666 Ha in Block No. 24, Re-Sy Nos. 385/2-4, 385/3-4, at Mulanthuruthy Village of Kanayannoor Taluk, Ernakulam, Kerala.

The Authority perused the item and noted that the SEAC in its 132nd meeting examined the proposal in detail, and observed that there is contradiction in the information provided in the Mine Plan and Project Feasibility Report. The Project Proponent has not submitted demand letter from end user for the excavated earth and the survey map uploaded is not legible. Since there is contradiction in the documents submitted for appraisal, the Committee is unable to appraise the proposal and hence 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.25 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Musthafa for an area of 0.3844 Ha in Re-Sy No. 1/1-2, Cheekode Village, Kondotty Taluk, Malappuram.
(SIA/KL/MIN/284493/2022; 2092/EC6/2022/SEIAA)**

Sri. Musthafa, S/o Abdurahiman, Devankulangara House, Pallikkal post, Malappuram submitted an application for Environmental Clearance through PARIVESH on 31.08.2022 for the Laterite Building Stone Quarry Project for an area of 0.3844 Ha in Re-Sy No. 1/1-2, Cheekode Village, Kondotty Taluk, Malappuram.

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 132nd meeting recommended to issue EC for the period of 2 year, 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 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 15m 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 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*
- 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.26

**Environment Clearance for the Granite Building Stone Quarry Project of Sri. T.C. Johnson, Managing Partner, M/s Star Rock Products Pvt Ltd for an Area of 0.9995 Ha in Re-Sy Nos. 50/4, 52/2/2, at Ayyampuzha Village, Aluva Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/40283/2019, File No: 1457/EC3/2019/SEIAA)**

Sri. T.C. Johnson, submitted an application for Environmental Clearance *via* PARIVESH Portal on 03/01/2020, for the Granite Building Stone Quarry project, for an area 0.9995 Ha in Re-Sy Nos. 50/4, 52/2/2, at Ayyampuzha Village, Aluva Taluk, Ernakulam, Kerala.

The Authority noted that the SEAC in its 132nd meeting recommended to issue EC for a period of 3 years subject to certain Specific Conditions in addition to the General Condition. On deliberation, the Authority noticed that the Project Proponent had seriously violated the EC conditions in his nearby quarry.

Under the circumstances, Authority decided to refer the case back to SEAC to study the gravity of violation and punitive measures taken if any by the Department of Mining and Geology and forward specific recommendation.

Item No.27

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Haridasan for an area of 7.7085 Ha in Sy No. 488, Vettathur Village, Perinthalmanna Taluk, Malappuram
(SIA/KL/MIN/50013/2019; 1318/EC2/2019/SEIAA)**

Sri. Haridasan, Proprietor, Tharol House, Ekarool P.O, Kozhikkode submitted an application for Environmental Clearance through PARIVESH on 27.10.2020 for the Granite Building Stone Quarry Project for an area of 7.7085 Ha in Sy No. 488, Vettathur Village, Perinthalmanna Taluk, Malappuram.

The Authority perused the item and noted that, SEAC in its 132nd meeting recommended rejection of the proposal due to certain reasons. The proponent vide email dated 30.09.2022 submitted a request letter for reconsideration of application for EC. The proponent also filed WP(C) No.32498 of 2022 before the Hon'ble High Court with a prayer to give an opportunity of

hearing and also to stay the Exbt P7 i.e., the Minutes of 132nd SEAC meeting.

The Authority decided to refer the case back to SEAC to give an opportunity to the Project Proponent for presenting his case before SEAC with all the supporting documents and decided to inform the same to Project Proponent for necessary follow up action.

Item No.28

**Environmental Clearance for the Expansion of Caritas Hospital, Thellakom, Kottayam in Sy Nos. 188/10, 200/1, 200/2, 200/3, 200/4, 201/8, 201/8-1, 201/9, 201/9-1, 201/10, 201/15, 201/15-1, 201/24, 201/26, 201/26-1, 201/26-2, 202/3, 202/4-2 at Peroor village, Kottayam Taluk, Kottayam District, Kerala
(SIA/KL/MIS/290926/2022; 1184/A2/2018/SEIAA)**

The Authority observed that in the 116th meeting, the Authority decided to issue EC for a period of 7 years for the Expansion of Caritas Hospital subject to the certain Specific Conditions in addition to the General Conditions. Now the proponent submitted an application for EC through PARIVESH portal as per the existing norms. Authority decided to adhere to its earlier decision taken in item no. 116.32 in the 116th meeting held on 29th & 30th July 2022.

Item No.29

**Environmental Clearance of the Residential Building Project “Jains Marine Bay” in Re. Survey No. 281/7-2, 280/5-2, 280/4, 281/8-2, 281/5-2, 281/73, 280/83, 281/13, 280/32, 280/2, 281/3, 281/4, 281/22, 281/114, 281/93, 281/152, 281/162, 280/7, 281/1, 281/18, 281/12, 281/19, 281/6-2, 280/6 Mulavukad Village, Kanayannur Taluk, Ernakulam District
(SIA/KL/MIS/142842/2020, 1741/EC3/2020/SEIAA)**

An application for EC for the Residential Building Project “Jains Marine Bay” was submitted through PARIVESH portal in Re. Survey Nos. 281/7-2, 280/5-2, 280/4, 281/8-2, 281/5-2, 281/73, 280/83, 281/13, 280/32, 280/2, 281/3, 281/4, 281/22, 281/114, 281/93, 281/152, 281/162, 280/7, 281/1, 281/18, 281/12, 281/19, 281/6-2, 280/6 at Mulavukad Village, Kanayannur Taluk, Ernakulam District.

The Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Conceptual Plan and the Field Inspection Report. After due appraisal, the SEAC in its 128th meeting recommended EC for a period of 7 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority in its 115th meeting directed the proponent to submit the CRZ Clearance and the proof of application submitted to NBWL for Wildlife Clearance. The Proponent submitted Letter No.756/A2/2022/KCZMA dated.26.03.2022 from KCZMA stating that the proposed land falls outside CRZ and he has also produced the proof of application submitted for Wildlife Clearance.

Authority decided to issue Environmental Clearance for a period of 7 years for the Residential Building Project “Jains Marine Bay” subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Tertiary Treatment Unit proposed with pre-treatment facilities such as, PSF and PCF (in continuation to the primary and secondary type of treatment of sewage with a modified type of ASP) should be used for establishing 98 KLD STP. This is to ensure that the quality of treated water will be fit for re-use /recycle and for flushing/gardening/ firefighting / HVAC make up water/recharge of local ground water.*
- 2. Adequate built-in composting facility should be set up for the treatment of biodegradable waste as the capacity or the number of BIOBIN proposed is inadequate.*
- 3. Adequate and covered storage area should be provided for the storage of non-degradable waste generated for at least 30 days. Additional space should also be provided for the storage of Hazardous Waste and E- waste. The non-degradable solid waste (dry waste) so stored should be handed over to Recyclers/ Local body/ Vendors on a regular basis.*
- 4. Fruit Bearing Trees of indigenous species should be planted in the Green Belt area / open space, compensatory afforestation area/ children play area, including avenue plantations. Vegetation should also be provided over built structure such as roofs, basements, podiums etc to the maximum extent possible.*

5. *Pumping from the bore wells should be limited to the safe yield determined through pumping test conducted.*
6. *Provide safe and healthy basic facilities for construction workers as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996*
7. *Appropriate storm water drainage plan should be implemented covering the entire project area and considering the soil cover and levels of the project area and adjoining areas.*
8. *Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area and if necessary, carrying capacity of the natural drain should be enhanced to contain the peak flow.*
9. *Usage of energy saving 5 star rating equipment such as Solar Geyser and LED lamps should be promoted as part of energy conservation.*
10. *The CRZ restrictions, if applicable, should be complied with.*
11. *Two line plumbing system should be established for ensuring reuse of treated waste water for flushing and such other uses.*
12. *Climate responsive and Green Building Guidelines should be adopted and the roof area and covered parking should be covered with material having high solar reflective index.*
13. *The building design should ensure that it will cater to the differently-abled citizens.*
14. *The design of the building should be in compliance with Energy Conservation Building Code as applicable.*
15. *CER Plan should be implemented as proposed.*
16. *The Construction should be commenced only after the receipt of Wildlife Clearance from the NBWL*
17. ***Since the project is located within a distance of 10 km from Mangalavanam Bird Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for the construction activity. Hence the Project Proponent is directed to obtain Clearance from Standing***

Committee of the National Board for Wildlife before starting any activity at the site .If it is located within 5 KMs from interstate boundary the EC can be issued at central level.

18. *Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.*
19. ***Authority makes it clear that as per clause 8 (vi) of EIA notification 2006,deliberate concealment and/or submission of false or misleading information or data which is material to screening or scoping or appraisal or decision on the application shall make the application liable for rejection and cancellation of prior EC granted on that basis.***
20. *Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District collector, Ernakulam and Department of Industries GOK, besides others for information and necessary further action.*
21. *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.*
22. **The Project Proponent shall obtain all necessary clearances/licenses/permissions from all the statutory authorities issuing clearances/ licenses/ permission for the construction projects of this nature**

23. *Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).*
24. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

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

Item No. 1

**Judgment in the NGT O.A.No.76/2021 (SZ) dated 06-12-2021/
Judgment of Hon'ble High Court of Kerala in WP(C) No. 21767/2021
dated 11-03-2022**

&

**Judgment dated 4.10.2019 in WP(C) No.31684/2016 filed by Tomy
Thomas (File No.1255/EC4/2016/SEIAA) (Common Judgment in WP
(C) 31684/2016, WP (C).15505/2016 &WP (C) 25529/2019) –Request
for extension**

**Contempt of court case against Judgment dated 11-03-2022 in WP(C)
No. 21767/2021, Contempt Case No. CoC No. 839/2022 filed by Tomy
Thomas**

(Court case and complaint File No. 1255/EC4/2016/SEIAA)

**(SIA/KL/MIN/278020/2022; 806/SEIAA/EC4/2237/2015 - Extension of
Environmental Clearance)**

The Authority observed that in the 118th meeting, decided to extend 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 8.2 years as approved in the Scheme of Mining Plan, 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. This is subject to the production of satisfactory Certified Compliance Report from the Regional Office, Bangalore and subject to the certain Specific Conditions in addition to General Conditions. Hence, the Authority decided to adhere to its earlier decision taken in Item no. 118.30 in the 118th meeting of SEIAA held on 30th September & 01st October 2022.

PART - 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

**Item No.1. Environmental Clearance for the Proposed Granite Building Stone Quarry Project of Sri. Sreelath T. in Block No.7, Re-Sy. No. 93/27, Raroth Village, Thamarassery Taluk, Kozhikode, Kerala
(SIA/KL/MIN/271936/2022; 1995/EC4/2022/SEIAA)**

Sri. Sreelath. T, S/o Sreedharan Nair, Thottathil House, Thrikkuttissery, Vakayad P.O, Kozhikode submitted an application for Environmental Clearance through PARIVESH on 10.05.2022 for the proposed Granite Building Stone Quarry Project for an area of 1.7613 Ha in Re-Sy. Block No.7, Re-Sy. No. 93/27, Raroth Village, Thamarassery Taluk, Kozhikode, 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 proponent during appraisal, and the Field Inspection Report. After the due appraisal, the SEAC in its 133rd meeting recommended EC for a Project Life of 7 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.

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 7 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 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 filed verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. Since the quarry site is located within a distance of 10 km from Malabar Wildlife Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for mining activity. Hence the Project Proponent is directed to obtain Clearance from Standing Committee of the National Board for Wildlife before starting any activity at the site***
- 5. Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project*

Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.

- 6. Proof of application submitted for Wildlife Clearance from NBWL should be uploaded in PARIVESH Portal prior to the issuance of EC.*
- 7. Development of green belt should be initiated prior to the commencement of mining operation.*
- 8. Compensatory afforestation should be initiated prior to the commencement of mining and the coordinates and geo-tagged photographs of the site should be incorporated in the HYCR.*
- 9. 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.*
- 10. 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.*
- 11. Gabion wall of should be provided at the overburden dumping site.*
- 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. The haulage road should be developed prior to the commencement of mining and it should be maintained well with frequent sprinkling.*
- 15. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 16. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office.*
- 17. The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should*

be submitted along with the HYCR.

- 18. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.***
- 19. 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.*
- 20. A copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District collector, Kozhikkode and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.*
- 21. 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.*
- 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.*

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

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

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