

**MINUTES OF THE 153rd MEETING OF THE STATE
LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
KERALA, HELD ON 21st & 22nd FEBRUARY, 2025**

Present:

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

The 153rd meeting of SEIAA, Kerala, was held from 21st to 22nd February 2025. The meeting commenced at 10:30 A.M. and was chaired by Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala, Sri. Mir Mohammed Ali IAS, Member Secretary, SEIAA, and Sri K. Krishna Panicker, Expert Member, SEIAA, attended the meeting. The Authority reviewed the agenda for the 153rd meeting and took the following decisions:

PHYSICAL FILES

Item No. 153.01 **Minutes of the 152nd Meeting of SEIAA held on 30th to 31st January & 1st February, 2025**

Noted

Item No. 153.02 **Action Taken Report on 151th SEIAA Kerala held on 30th & 31st December 2024 Placed for Information**

Noted

Item No. 153.03 **Status of Proposals pending for 365 days placed for information and necessary action**

The follow up action taken is appreciated and the position will be again reviewed physically in next monthly meeting of SEIAA. The statement shall be revised by SEIAA, Secretariat and put up for review.

Item No. 153.04

Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. Maneesh P. Mohanan for an area of 0.8586 Ha at Sy. Nos. 476/1/15, 476/1/15, 477/2, 477/2/2, 477/2/4 in Thirumarady Village, Muvattupuzha Taluk, Ernakulam – Interim Order dated 08.01.2025 in WP(C) No. 45706/2024 filed by Sri. Yacob – FIR Received – Reg

(O. P. No. SIA/KL/MIN/139351/2020, O.F. No. 1714/EC3/2020/SEIAA)

(N. P. No: SIA/KL/MIN/422091/2023, N. F. No.: 2257/EC3/2023/SEIAA)

The Authority deliberated the matter and the field inspection report. It was noted that the matter is sub judice and as per the direction of the Hon'ble High Court, the field inspection report was provided to the Standing Counsel on 15.02.2025 for submission before the Hon'ble High Court.

As per the field inspection report, it was observed that the Project Proponent has not complied with the majority of the specific and general EC conditions. Additionally, the overburden has been stacked in a haphazard manner. Furthermore, the Project Proponent has failed to submit the Half-Yearly Compliance Report.

In the above circumstances, the Authority decided the following:

1. The Environmental Clearance (EC) dated 21.02.2024 is temporarily suspended for six months, considering the gravity of violations of EC conditions. The EC shall be restored only after complying all the conditions of the EC to the satisfaction of SEAC and approval by Authority.
2. The Project Proponent is directed to address all the observations in the field inspection report regarding non-compliance with EC conditions within this period and submit a compliance report with supporting evidences.
3. The District Geologist shall assess any instances of illegal mining and take appropriate action.

Item No.153.05

Complaint against quarrying operations owned by Sri. Ashly John Tharakan, Madaparambil House, South Mazhuvannur P.O., Mazhuvannur Village, Ernakulam – Complaint submitted by Sri. K.M. Mathew – Hearing

(File No. 290/EC3/2021/SEIAA)

The Kerala State Human Rights Commission vide order dated 16.10.2024 (received on 03.01.2025) ordered that SEIAA shall give enough hearing opportunities to the complainant and the project proponent and take appropriate action or decision w.r.t the compensation of the damages caused by the quarry of Sri. Ashly John Tharakan to Sri. K.M Mathew within two months of the receipt of the order. In the 152nd SEIAA meeting held on 30th, 31st January and 1st February it was decided to hear both the parties in the next meeting with prior intimation

As intimated by the Authority, the Complainant, Sri. K. M. Mathew, and the Project Proponents, Sri. Ashly John Tharakan and Sri. John Mathai, along with their consultant, attended the hearing.

The complainant stated that wastewater from the quarry and crusher is discharged into the Periyar Valley Canal and that quarrying activities have damaged his house, well, and pond. He also mentioned that the quarry has not been operational since 18.01.2021. The Petitioner submitted a hearing note and demanded compensation for the damages. The Project Proponent also stated that the quarry is not functional and that all observations from the field inspection report have been complied with. Additionally, the revision of the damage assessment report is in progress. The Project Proponent denied the allegation that damages caused to properties of the petitioner are due to his mining activities and Project Proponent didn't commit anything on the demand for compensation by the petitioner for the alleged damages caused to his properties due to the mining activities as ordered by the Human Rights Commission.

In these circumstances, the Authority decided the following

1. The Project Proponent shall submit the hearing note within seven days, along with all necessary documents to substantiate his claims. The Project Proponent's decision on the compensation to the petitioner as ordered by the State Human Rights Commission must be clearly detailed in the hearing note.

2. The Project Proponent must submit the revised damage assessment report as per SEAC's direction within one month.
3. Since the Authority has no jurisdiction to address personal compensation Authority decide to inform the same to Human Rights Commission with a brief of the hearing.

Item No. 153.06 **Rejection order issued to the Granite Building Stone Quarry project of Sri. Kuttiamu Haji P. M. for an area of 0.6425 Ha at Survey Nos: 28/1, 28/2-1, 28/2-2 in Pulikkal Village, Kondotty Taluk, Malappuram – Hearing**
(SIA/KL/MIN/400899/2022, 2333/EC6/2023/SEIAA)

In compliance with the orders of the Hon'ble High Court, and as intimated by the Authority, Sri. Abdul Kareem attended the hearing on behalf of the Petitioner, Sri. Kuttiamu Haji, with due authorization. The authorized representative informed that the mine closure plan for one of the quarries within 500 meters was approved by the District Geologist and that mine closure activities are currently in progress. He assured that the mine closure certificate would be produced at the earliest to facilitate a reconsideration of the Authority's decision regarding the submission of the Terms of Reference (ToR) application for the EIA study.

After detailed deliberation, the Authority directed the Project Proponent to submit the hearing note along with the mine closure certificate from the District Geologist, as assured during the hearing.

Item No. 153.07 **Complaint received against the quarry project of Silver Star Granites in Kanikode Village, Thodupuzha Taluk, Idukki.**
(File No. 147/EC2/2025/SEIAA)

The Authority deliberated on the matter and noted the complaint from the Kallanickal Residents Association, forwarded by the Kerala State Commission for Protection of Child Rights, dated 04.02.2025. The Authority observed that neither the SEIAA has issued an

Environmental Clearance (EC), nor any application for the project currently under consideration.

Authority decided to depute the SEIAA Technical Team for a field inspection and report and after the field inspection an appropriate reply shall be given to the Kerala State Commission for Protection of Child Rights.

Item No. 153.08 Clarification sought from Mining & Geology Department with regard to the issuance of quarrying lease to M/s Mallelil Industries Pvt. Ltd., Pathanamthitta
(File No. 364/EC2/2025/SEIAA)

The Director, Mining & Geology Department had sought clarification with regard to the issuance of quarrying lease to M/s Mallelil Industries Pvt. Ltd in Iravon Village, Konni Taluk, Pathanamthitta. EC was issued by the MoEF&CC dated 12.03.2015 to the quarry project of M/s Mallelil Industries Pvt. Ltd.

The Authority deliberated on the matter and noted the letter received from the Director of the Mining and Geology Department, dated 05.02.2025, and the request from the Project Proponent, dated 10.02.2025. The Authority observed that the Environmental Clearance (EC) for the granite building stone quarry project, covering an area of 3 ha, was issued by the MoEF&CC on 12.03.2015. As per the EC, the life of mine was four years. The Project Proponent has now submitted a revised mining plan for an area of 2.9050 ha, which was approved on 01.11.2024. According to the revised mining plan, production is proposed for the next five years.

The Authority further noted that the EC issued by the MoEF&CC had expired on 11.03.2019. The Project Proponent did not apply for extension of the EC's validity within the stipulated time, as per the S.O. dated 29.04.2015 and the subsequent O.M. dated 12.04.2016. Since there is no valid EC, the issuance of a lease based on an expired EC is ultra vires to existing norms. Further the project area, mineable reserve etc are different in the new mining plan approved on 1st November 2024. As per the existing guidelines of MoEF&CC, the Project Proponent has to obtain a fresh EC. Hence the Project Proponent is advised to apply for fresh environmental clearance in the PARIVESH Portal.

The Authority decided to inform the above position to the Director, Mining & Geology Department

Item No. 153.09

Environmental Clearance issued to the Quarry project of Sri. Thankachan M. S. at Sy. No. 2442 (pt), in Koodaranhi village, Kozhikode - O. A. No. 93 of 2024 (SZ) (Earlier O. A No. 770/2023 (PB)) filed by Sri. Sajimon Joseph against the quarry activities of Sri. Thankachan Mathalikunnel before the Hon'ble NGT – Interim Order dated 28.01.2025 in WP(C) No. 39873/2024 filed by Sri. Thankachan M. S.

(File No. 1068/EC4/2024/SEIAA)

The Authority deliberated on the matter and noted the hearing note submitted by the Project Proponent on 07.02.2025, the email from Sri. Sajimon Joseph dated 11.02.2025, and the interim order dated 20.02.2025 in WP(C) No. 39873 of 2024. The Authority observed that, as per the interim order, the Hon'ble High Court directed that the implementation of any order adverse to the Petitioner shall only proceed after obtaining permission from the Court. The Authority also reviewed the hearing note and noted that the SEAC, in its field inspection report, identified multiple instances of noncompliance with EC conditions.

Considering these findings, the Authority decided as follows:

1. The Project Proponent shall rectify all non-compliances of EC conditions as observed during the field inspection and submit a compliance report **within three months.** A copy of the field inspection report shall be provided to the Project Proponent.
2. On receipt of the compliance report, the SEAC shall inspect the site and verify the compliance status.
3. If the Project Proponent fails to comply the directions within the time limit, the Environmental Clearance will be cancelled without further notice.
4. The decision of the Authority shall be communicated to the Standing Counsel for submission before the Hon'ble High Court.
5. The legal officer to ascertain the position of O.A before the Hon'ble NGT.

Item No. 153.10 **Complaint regarding illegal mining operations in Purameri and Kuttayadi Grama Panchayath, Vadakara Taluk, Kozhikode**
(File No.2228/EC2/2024/SEIAA)

As intimated by the Authority, on behalf of the Project Proponent, Sri. Biju O. attended the hearing with authorization. He stated that he had paid the penalty for excess mining conducted under previous permits. Currently, as part of the mining initiation, the topsoil and overburden have been removed and are temporarily stacked within the project area. He stated that there is no violation of EC conditions and that mining activities will comply with all EC conditions. He has also obtained an NOC from DCMG.

In these circumstances, the Authority decided as follows:

1. The Project Proponent shall submit the hearing note along with all supporting documents within seven days.
2. A report shall be obtained from the District Geologist regarding the details of the penalty, the location of mining, the period of violation and the present working status of the quarry.

Item No. 153.11 **Complaint filed by Sr. Vijesh K. against the illegal quarrying activities of Sri. Sanfeer Kupparayil, Managing Partner, M/s Sedeer Granites at Re-Sy No. 175 in Kavilumpara Vilage, Vadakkara Taluk, Kozhikode – Hearing**
(File No.2742/EC4/2020/SEIAA)

As intimated by the Authority, on behalf of the Project Proponent, the Consultant, Sri. Mohanan, and Sri. Sunny, attended the hearing with authorization from the Project Proponent. The Consultant stated that mining was conducted until 07.07.2020 with all valid licenses, except for Environmental Clearance. It was also stated that while renewing permits, leases, licenses, or consents, no stakeholder departments or agencies insisted Environmental Clearance.

The Authority noted that the project area is located in an ESA village, and as per the directions dated 13.11.2013, all mining activities are prohibited in ESA villages. The

explanation of the Project Proponent on operating the quarry without a valid EC is not acceptable to the authority.

Upon deliberation, the Authority directed the Project Proponent to submit the hearing note along with all supporting documents within seven days.

Item No. 153.12 EC issued from DEIAA, Kozhikode for the quarry project of Sri. Shaji Mathew, Managing Partner, M/s Matha Industries for an area of 3.5367 Ha at Field No. 2436 (Unsurveyed) in Koodaranji Village, Koodaranji Panchayat, Thamarassery Taluk, Kozhikode – Complaint received from Sri. Peter Punnachottee - Hearing
(File No.2821/EC2/2024/SEIAA)

As intimated by the Authority, on behalf of the Project Proponent, Sri. Aswin K. J., Sri. Swaroop Rajan, Partners, and Sri. Deepak, the Geologist of the project, attended the hearing with authorization from the Project Proponent. The Geologist stated that they had obtained Environmental Clearance (EC) from DEIAA and that the reappraisal application was enlisted on 12.02.2025 after providing the Essential Documents Sought (EDS). On verification of the PARIVESH Portal, it was noted that the application had been enlisted. The representatives submitted the hearing note after the hearing.

In these circumstances, the Authority directed the SEAC to reappraise the application, considering both the hearing note and the complaint filed by Sri. Peter Punnachottee.

Item No. 153.13 Environmental Clearance issued to the Granite Building Stone Quarry project of Sri. Antony S. Alukkal, M/s Jas Granites Pvt. Ltd., at Re-Sy Nos. 366/1, 367/1, 367/1, 368, 369/1, 382/1, 382/2, 383/1, 383/2, 387/3, 384/1, 384/1, 382/3, 382/3, 387/2 in Peringome Village, Taliparamba Taluk, Kannur
(File No. 1148/EC/SEIAA/KL/2017)

The Authority deliberated on the matter and noted the field inspection report and the recommendations of the 178th SEAC meeting. It observed that the Project Proponent is continuing mining activities with an Environmental Clearance (EC) that expired on

01.02.2024, availing the benefit of S.O. 1807 (E) dated 12.04.2022, as per the Hon'ble Court's order dated 16.03.2023 in WP(C) No. 8124 of 2023.

The Authority also noted that several EC conditions have not been complied with by the Project Proponent. Additionally, mining activities are being carried out under a modified mining plan approved on 13.09.2022, which allows for a mineable reserve of 3,082,460 MT. The revised mining plan estimates the life of the mine to be 12 years. However, the EC has not been modified or revised accordingly.

In these circumstances, the Authority decided as follows:

1. An explanation from the project proponent regarding the continuation of mining under the modified mining plan without obtaining a renewed / modified EC from SEIAA.
2. The project proponent shall comply with all the observations stated in the field inspection report within 3 months to the satisfaction of SEAC and submit a compliance report. After the compliance report SEAC shall inspect the field and recommend for appropriate follow up action. The SEIAA, Secretariat shall provide a copy of the field inspection report to the project proponent.
3. Inform the Standing Counsel the details of the case for filing appeal.

Item No. 153.14 **Writ Appeal in 2403/2018, against judgment dated 16.11.18 in WP(C) 4022/2017 filed by M/s. Malabar Sand and Stones Pvt. Ltd before the Hon'ble High Court of Kerala - DEIAA issued EC.**

(SIA/KL/MIN/129808/2019)

The Authority deliberated on the matter and noted the order dated 28.01.2025 in WA No. 2403 of 2018. Vide this order, the Hon'ble High Court made it clear that the respondent authorities shall act strictly in accordance with the law and that no one shall assume jurisdiction unless vested by law. The Authority observed that the Environmental Clearance (EC) was issued by the DEIAA and that no corresponding files are available with the Authority for reference. Further, the report of the SDMA has not been provided by the concerned department to the SEIAA/SEAC to ensure compliance with the directions of the Hon'ble High Court.

In these circumstances, the Authority decided the following:

1. The SEIAA, Secretariat shall obtain the report specified in the WA No. 2403 of 2018 from the concerned department and submit it to the SEAC for remarks.
2. The SEAC shall review the report and provide its remarks in its very next meeting, after which it shall be submitted before the Hon'ble High Court.

Item No. 153.15 Report of DC, Kannur for the cancellation of EC issued at Vayakkara Village, Payyanur Taluk, Kannur – Complaint received against quarry project of Sri. Sibish Augustine
(SIA/KL/MIN/171276/2020, 1389/EC2/2019/SEIAA)

As intimated by the Authority, the Project Proponent, Sri. Sibish Augustine, attended the hearing and stated that, although the Environmental Clearance (EC) was obtained on 11.07.2022, the mining is yet to commence.

On deliberation, the Authority directed the Project Proponent to submit the hearing note along with all supporting documents within seven days.

Item No. 153.16 Environmental Clearance issued to the Granite Building Stone Quarry project of Sri. Shibu Mathew, Managing Director, M/s Rock Field Estates Pvt. Ltd., at Block No. 48, Re-Sy Nos. 400/1, 400/2, 401/5-2, 406/5 in Chengalam (E) Village, Kottayam Taluk, Kottayam – Request to set-aside Specific Condition No. 2 in the EC issued on 26/07/2024.
(SIA/KL/MIN/175300/2020; 1987/EC3/2022/SEIAA)

As per the decision of the 142nd SEIAA meeting Environmental Clearance was issued to the Granite Building Stone Quarry project of Sri. Shibu Mathew, Managing Director, M/s Rock Field Estates Pvt. Ltd., at Block No. 48, Re-Sy Nos. 400/1, 400/2, 401/5-2, 406/5 in Chengalam (E) Village, Kottayam Taluk, Kottayam on 26/07/2024, the EC identification No. EC24B001KL165357.

The Project Proponent submitted a request on 17.12.2024, to set aside condition No. 2 in the EC issued on 26/07/2024 and for an opportunity of personal hearing to substantiate the

claim. The 152nd SEIAA meeting held on 30th to 31st January & 1st February, 2025 decided to hear the Project Proponent in the next meeting of the Authority.

As intimated by the Authority, the Project Proponent, Sri. Shibu Mathew, attended the hearing and requested that Specific Condition No. 2 in the EC issued to be set Environmental Clearance is issued by the Authority after SEAC recommends for the grant, incorporating specific conditions. As per the EIA notification, once is EC is issued, and the statutory appeal period is over, SEIAA has no power to delete or alter any conditions imposed in the EC. Such powers are vested with the National Green Tribunal under section 16 of the NGT Act 2010. During the hearing Project Proponent informed that he has approached Hon'ble NGT in this regard and Authority decided to wait for the decisions of the Hon'ble NGT.

Item No. 153.17 **Environmental Clearance issued to the Laterite Building Stone Quarry Project of Sri. Mohammed Sulaiman for an area of 0.3111 Ha at Block No.210, Re-Sy No. 2/2 in Padiyoor Village, Iritty Taluk, Kannur**

(SIA/KL/MIN/476269/2024)

Sri. Mohammed Sulaiman, Malabar House, Puthanparamba, Padiyoor P.O, Kannur 670 703 submitted an Environmental Clearance application for the Laterite Building Stone Quarry for an area of 0.3111 Ha at Block No.210, Re-Survey No. 2/2 in Padiyoor Village, Iritty Taluk, Kannur. The Authority in the 147th meeting decided to issue Environmental Clearance for the project life of 2 (Two) years, subject to certain Specific Conditions in addition to the General Conditions

Sri. Reji Kolakunnel, Thermala Samrakshna Samithy submitted a complaint on 3-20225. The Authority observed that the main contention of the complainants is that, based on several scientific reports, laterite mining had been stopped for the past eight months in Kaikoolithattu, an area shared by the Ullikkal–Padiyoor Grama Panchayats. However, the Project Proponent, Sri. Muhammed Sulaiman, allegedly misled the Authority and obtained a new Environmental Clearance (EC) for the same area. The complainants further asserted that their lives are under threat due to unscientific mining in the region.

In the above circumstances, the Authority decided as follows:

1. A show cause shall be issued to project proponent as to why the EC given shall not be cancelled. A temporary stop memo shall be issued to the laterite mining project sanctioned to Sri. Muhammed Sulaiman vide EC No. EC24C0108KL5317818N dated 19.10.2024. The project proponent is directed to stop all the mining activities with immediate effect.
2. The copies of the complaint shall be given to Project Proponent for his remarks
3. The District Geologist shall inspect the site and submit a detailed report within one month on the laterite mining activities in the project area, including the status of any prohibitory orders, if applicable.

Item No. 153.18

Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. V. J. Chacko, Managing Partner, M/s. Parlikkad Granites for an area of 0.9996 Ha at Sy No: 153/7 in Wadakkancherry Village, Thalappilly Taluk, Thrissur – Show Cause Notice – Hearing as per Judgment in WP (C) No. 39374 of 2024 dated 19.12.2024

(SIA/KL/MIN/45120/2019; 1526/EC2/2019/SEIAA)

As intimated by the Authority, the Project Proponent, Sri. V. J. Chacko, and his RQP, Sri. V. K. Roy, attended the hearing and stated that the project proponent has complied with all non-compliances of EC conditions as observed by the SEAC and has submitted the report.

In these circumstances, the Authority decided to refer the proposal back to SEAC for further consideration.

Item No. 153.19 **Environmental Clearance issued to the Granite Building Stone Quarry Project of M/s NAT Industries for an area of 1.8109 Ha at Block No: 39, Re Sy Nos: 178/8, 173/4-5, 173/4-6, 173/4-25, 173/4-30, 173/4-1 in Chadayamangalam Village, Kottarakkara Taluk, Kollam – Complaints received - Hearing Note Submitted**
(SIA/KL/MIN/134188/2019; 1581/EC2/2019/SEIAA)

The Authority deliberated on the matter and noted the decisions of previous SEIAA meetings, the hearing note dated 22.01.2025 submitted by the Project Proponent, and the hearing note dated 05.02.2025 submitted by the complainant, Sri. Jishad D.

Upon deliberation, the Authority decided as follows:

1. A report shall be sought from the Soil Conservation Department, Kollam District, regarding any additional measures to be adopted in the project region concerning the Kalladathani Watershed Development Scheme to prevent soil erosion and conserve water.
2. The project proponent is directed to submit an affidavit stating the following:
 - a. Only vehicles up to 10 MT vehicles shall be used for the transportation of mined materials.
 - b. The haulage road shall be maintained as assured in the EMP.
 - c. Vehicles transporting materials out of the quarry shall not be parked along the public road.
 - d. The working hours of the quarry should be strictly enforced.
 - e. The Environmental Management Cell shall be reconstituted to include a representative from the local inhabitants and the local ward member.

Item No. 153.20 **Environmental Clearance issued to the China Clay mining project of M/s The Kerala Ceramics Ltd. for an area of 1.6900 Ha at Re-Sy Block No. 10, Re-Sy Nos: 386/9-2, 386/10-2, 386/10, 386/21-2, 387/11, 387/13, 387/14, 387/16, 387/18, 387/18-2-2, 387/25, 387/26, 387/27, 387/28, 387/29, 387/35, 387/36, 387/37, 387/38, 387/39 & 392/1-2 in Perayam Village, Kollam Taluk, Kollam – Rectification request**
(SIA/KL/MIN/455763/2023, 2481/EC1/2023/SEIAA)

The Kerala Ceramics Ltd. applied for environmental clearance to mine china clay from an area of 1.69 Ha in Perayam Village, Kollam. 147th SEIAA meeting held on 27th & 28th August 2024 decided to accept the recommendations of 169th SEAC meeting and to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease / permit and then to extend the EC period to cover the project life of 10 (Ten) years, subject to the review by SEAC at the end of every 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.

Now, the Managing Director, The Kerala Ceramics Ltd., vide letter dated 12.02.2025 has submitted a letter stating that there is a discrepancy in the 4th Specific Condition of the EC issued with condition stipulated in the NOC dated 21.03.2024 from the Ground Water Department.

On deliberation, the Authority decided to amend Specific Condition No. 4 in the EC issued vide EC No. EC24B001KL136354 dated 16.10.2024 as “Clay mining should be limited to an average depth of 10m below the boundary pillar No 10”. The SEIAA Secretariat is directed to issue the EC amendment letter in this regard.

Item No. 153.21 **Flooding due to Storm Water discharge from a quarry in Aryanad Village, Nedumangad Taluk, Thiruvananthapuram – Suo Motto based on Media Reports – Field Inspection Report**
(SEIAA-59/2024-ASST2)

The Authority deliberated on the matter and noted the compliance report dated 17.01.2025 submitted by the Project Proponent. It was observed that the compliance report is incomplete, and the documentary proofs are not geotagged. Furthermore, the Project Proponent has not fully complied with all the directions of the 150th Authority meeting,

particularly the requirement to provide gabion walls or geo-textiles for the stacked overburden.

In light of the above, the Authority decided to issue a stop memo to the Granite Building Stone Quarry project of Sri. Dhananjayan Unnithan. The Project Proponent is directed to cease all mining activities with immediate effect until a satisfactory compliance report is submitted. The Mining & Geology Department, KSPCB and the local Grama Panchayat may be directed to suspend permissions granted till stop memo is revoked.

Item No. 153.22 Environment Clearance issued to the Granite Building Stone Quarry Project of Sri. Sakkeer A. at Block No. 33, Re-Sy No. 222part (Govt. Land) in Pazhayakunnummel Village, Chirayinkeezhu Taluk, Thiruvananthapuram - Complaint filed by Smt. Indira and Smt. Girija
(Old File No. 1715/EC1/2020/SEIAA – 3013/EC3/SEIAA/2024)

Sri. Sakkeer A. submitted an application for Environment Clearance via PARIVESH on 01.12.2020, for the Proposed Granite Building Stone Quarry in Re-Survey No. 222part. The 123rd SEIAA meeting held on 27th & 28th January 2023 decided to issue Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 10 years, from the date of initiation of original EC (i.e., date of execution of mine lease / permit), subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by 168 violating EC conditions.

Authority received complaint dated 26.11.2024 filed by Smt. Indira and Smt. Girija against Environment clearance issued to Sri. Sakkeer A. The same was forwarded to the Project Proponent for remarks. The Project Proponent on 08.01.2015 furnished his remarks.

The Authority deliberated the matter and noted the clarification letter dated 08.01.2025 and the HYCR submitted by the Project Proponent. The project proponent had clarified that the complaints were not genuine. The Project Proponent had submitted a report from the Sub-Inspector of Police, Kilimanoor Police Station, stating that one of the

complainants, Smt. Indira didn't file any complaint the functioning of the quarry and has no objection to the functioning of the quarry. Second complainant couldn't be located.

In light of the above, the Authority decided to dismiss the complaint and directed the Project Proponent to strictly comply with the EC conditions. Any violations may lead to the cancellation of the EC.

Item No. 153.23 EIA Notifications and Office Memorandums related to Environmental Clearance by MoEFCC
(File No. 215/EC5/2022/SEIAA)

The Authority observed that the MoEFCC has issued a Standard Operating Procedure (SoP) for the implementation of Notification G.S.R. 702(E) and G.S.R. 703(E) dated 12th November 2024. As per the SoP, projects requiring prior EC are exempt from obtaining the Consent to Establish (CTE) from the State Pollution Control Boards. However, in such cases, proposals are to be forwarded by the Authority to the State Pollution Control Board for their suggestions and conditions.

In light of the above, the Authority decided to entrust the Environmental Scientist, SEIAA, to discuss the matter with the Chairman and Member Secretary of KSPCB to formulate a Modus Operandi for these projects. The SEIAA Secretariat shall provide the necessary intimation to KSPCB in this regard.

Item No. 153.24 Environmental Clearance issued to the Granite Building Stone Quarry project of Sri. K.V. Mathew, M/s Kachanathu Minerals and Metals Pvt. Ltd at Block No. 27, Sy Nos. 135/2-3, 135/7, 135/7-1, 135/6, 135/2-2, 135/2, 135/2-1, 167/1, 167/1-1, 167/5, 167/2-2, 167/2-13 in Ezhumattoor Village, Mallappally Taluk, Pathanamthitta – Complaint received
(File No. 765/SEIAA/EC4/505/2015)

The Authority deliberated on the matter and noted the earlier decisions made by various SEIAA / SEAC meetings. It is noted that based on the direction of the Authority, the Sub-Committee, SEAC conducted the field inspection in the presence of the complainant and District Geologist on 09.11.2024. The 174th SEAC discussed the field inspection report and noted that the Project Proponent has not applied for the revalidation of EC though the validity

of the EC issued from SEIAA expired on 15.01.2023 (after COVID expansion). But the quarrying activity is being continued at the site as per the order of the Hon'ble High Court dated 03.11.2023 in WP(C) No. 34722 of 2022, which directed the Mining and Geology Department to issue the transit passes.

The 174th SEAC observed that most of the complaints raised by the complainant is found true. None of the 3 specific conditions stipulated while granting EC are complied with by the Project Proponent. Besides, the Project Proponent has also not complied with 31 of the 61 general conditions. It is also inferred that the compliance to the environmental management and safeguard conditions is not satisfactory. There is also over extraction of resource from the buffer zone and from the mine area as per the findings of the Mining & Geology Department.

Vide letter dated 06.02.2025, the project proponent requested reconsideration of the decision to issue the stop memo and sought an extension of six months to implement the necessary measures and report back to the committee. Upon deliberation, the Authority found that the project proponent's explanation was not satisfactory to warrant reconsideration. It was observed that the project proponent had continued the violations till the SEAC inspection without obtaining the revalidated EC.

In these circumstances, the Authority decided as follows:

1. To hear the Project Proponent in the next SEIAA meeting as per Clause 8(vi) of the EIA Notification, 2006. The SEIAA Secretariat shall issue an intimation regarding the same well in advance.
2. The SEIAA Secretariat shall intimate the Mining and Geology Department and KSPCB to provide the reports as decided in the 151st SEIAA meeting.

Item No. 153.25

Environmental Clearance issued to the Granite building Stone Quarry Project of Sri. Jilmon John, Managing Director, M/s Gimsak Developers Pvt. Ltd. for an area of 2.2430 Ha at Block No. 30, Re-Sy Nos: 163/1, 163/2 in Alakkod Village, Thodupuzha Taluk, Idukki - WP(C) No.38205/2024 filed by M/s Gimsak Developers Pvt. Ltd

(File No. 1388/EC2/2019/SEIAA)

The Authority perused the item and noted the decisions made in various SEIAA / SEAC meetings held on different dates as well as the interim orders issued on various dates in WP(C) No. 38205 of 2024. The Authority noticed that, as per the decision of 146th SEIAA meeting, a show cause notice dated 10.09.2024 was issued to the Project Proponent for the non-compliance with the EC conditions, with instructions to submit an explanation within 15 days of receiving the notice.

In the 148th meeting, the Authority decided to issue a stop memo, as the Project Proponent had failed to respond to the show cause notice on time. Subsequently, the Project Proponent, vide letter dated 25.09.2024 requested a 45-day extension to provide a response to the show cause notice. Therefore, the Authority decided to extend the deadline to 20th of November 2024 for submitting the response. The Authority vide letter dated 16.11.2024, intimated the decision to the Project Proponent.

Meanwhile, the Project Proponent filed a WP(C) No. 38205/2024 before the Hon'ble High Court with a prayer to stay the decision taken as item No.10 in Ext P6 and all proceedings pursuant thereto. The Hon'ble Court vide interim order dated 30.10.2024, in WP(C) No. 38205/2024 stayed Ext P6 (Minutes of the 148th SEIAA meeting) decision to issue the Stop memo. Further, vide interim orders dated 8.11.2024, 26.11.2024, 24.01.2025, extends the interim stay till 27.03.2024.

The Authority noticed that, in light of the stay order, the Project Proponent has not submitted a reply to the show-cause notice, despite the deadline for furnishing the reply being extended until 20.11.2024, as requested by the Project Proponent. Therefore, the Authority decided to hear the Project Proponent in the 152nd SEIAA meeting as per Clause 8(vi) of the EIA Notification, 2006.

As intimated by the Authority, Sri. Jose Joseph representing the Project Proponent and the Consultant Sri. Arun Kumar attended the hearing. The project proponent intimated that the Joint Committee of KSPCB, Idukki inspected the site and assessed the damage. However, it is noticed that the KSPCB has not submitted the damage assessment report before the Authority.

Meanwhile, the Hon'ble Court vide interim order dated 03.02.2025 in WP(C) No. 38205 of 2024, ordered that the project proponent shall submit the reply to the Show Cause notice dated 10.09.2025. If the same is not filed, the interim stay order granted will be vacated. The Standing Counsel vide email intimated that if the Project Proponent does not file his reply to the show cause on or before 13.02.2025, SEIAA is free to proceed, as if the interim order is vacated. If the Project Proponent submits a reply to the show cause notice SEIAA can take a decision in the matter by considering his reply after hearing the Project Proponent. It is noticed that the project proponent has not submitted the hearing note within the time period, as stipulated by the Hon'ble High Court.

The Authority heard the project proponent in its 152nd meeting and reviewed the hearing note submitted on 17.02.2025. The Authority observed that the project proponent has committed grave violations of EC conditions and has been continuously damaging the environment in the project region. The reply of the project proponent was not satisfactory.

Under the circumstances the Authority decided the following:

1. Issue a stop memo to the project to prevent further environmental damages. The project proponent shall rectify all non-compliances observed by SEAC and submit a satisfactory compliance report.
2. The SEIAA Secretariat shall obtain the damage assessment report from KSPCB, Idukki, for further action.
3. The Legal Officer shall coordinate with the Standing Counsel and take necessary steps to vacate the stay order.

Item No. 153.26 **Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. K. J. Baiju, Managing Partner, M/s B & B Granites, for an area of 0.8075 Ha at Sy Nos. 911 & 912 in Thekkumkara Village, Thalappilly Taluk, Thrissur - Compliance with the Interim Order dated 31.05.2024 in WP(C) No. 35912/2023 - Interim Order in WP(C) No. 4302 of 2025**
(SIA/KL/MIN/272314/2022; 1339/EC2/2019/ SEIAA)

The Authority deliberated on the matter and noted the earlier decisions made in various SEIAA/SEAC meetings, as well as the interim order dated 10.02.2025 of the Hon'ble High Court in WP(C) No. 4302 of 2025. In WP(C) No. 4302 of 2025, the project proponent prayed for an opportunity to be heard, and the Hon'ble High Court directed that the petitioner's request, based on Ext P4 and P5, be considered in the next SEIAA meeting scheduled for the last week of February.

In these circumstances, the Authority decided to hear the project proponent in the next SEIAA meeting. Necessary intimation regarding the same shall be provided to the petitioner well in advance.

Item No. 153.27 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Thajudeen H M, Managing Partner, M/s. NAT Industries for an area of 0.9846 Ha at Block No.39, Re-Sy Nos. 173/4-4-6, 173/4-2-2, 173/4-4-2, 173/4-4-3, 173/4-4-4 in Chadayamangalam Village, Kottarakkara Taluk, Kollam - *Judgment in WP(C) No. 43260 of 2024 - Hearing***
(SIA/KL/MIN/472784/2024)

In order to comply with the judgment dated 13.02.2025 of the Hon'ble High Court in WP(C) No. 43260 of 2024, as intimated by the Authority, the Project Proponent, Sri. Thajudeen H. M., attended the hearing and requested a reconsideration of the decision made in the 147th SEIAA meeting to reject the application due to the requirement for an EIA study. After the hearing, the Petitioner also submitted the hearing note.

Upon deliberation, the Authority informed the Petitioner that, as per the existing norms, a cluster condition applies to the project area and the total area exceeds 5 ha considering all the ECs issued by the SEIAA and the Letters of Intent issued by the Mining and Geology Department. In these circumstances, the Petitioner's request cannot be

considered. As decided in the 147th SEIAA meeting, the project proponent must conduct an EIA study and a public hearing due to the cluster condition.

Thus the direction of the Hon'ble High Court has been complied with and the decision of the Authority shall be communicated to the Standing Counsel for submission to the Hon'ble High Court.

Item No. 153.28 Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. Thomas. O. D. for an area of 1.3307 Ha at Re-Sy Nos. 234/1, 234/2 & 234/5 in Muppayinad Village, Vythiri Taluk, Wayanad – Reply to the Show Cause Notice.
(File No. 1291/EC2/2019/SEIAA)

The Authority deliberated on the matter and noted the decisions of various SEIAA/SEAC meetings held on different dates. It was observed that, as per the direction of the Authority, the Sub-Committee of SEAC inspected the project site and submitted the field inspection report. The 179th SEAC deliberated on the report and recommended reversing the decision to grant environmental clearance to the project, invoking the Precautionary Principle.

In these circumstances, the Authority decided to hear the project proponent in the next SEIAA meeting as per Clause 8(vi) of the EIA Notification, 2006. The SEIAA Secretariat shall provide the project proponent with a copy of the field inspection report, recommendations of SEAC and issue the necessary intimation regarding the hearing well in advance.

Item No. 153.29 Reappraisal of EC issued by DEIAA, Kozhikode for the Granite Building Stone Quarry project of Sri. Manoj Kumar K. for an area of 1.0261Ha at Re-Sy Nos: 68, 71/1, 71/2 in Kinalur Village, Thamarassery Taluk, Kozhikode – Complaint Received.
(SIA/KL/MIN/443424/2023 , 2474/EC2/2023/SEIAA)

The Authority deliberated on the matter and noted letter from the DoECC dated 27.09.2024, the mass petition dated 23.01.2025, letter from the District Collector, Kozhikkode dated 07.02.2025, judgment dated 17.10.2024 in WP(C) No.21937 of 2024 and order dated 02.12.2024 in WP(C) No. 42685 of 2024. The Authority noticed that along with the letter

from the DoECC, a report of the Vigilance and Anti-corruption Bureau based on a complaint and the letter from the Government requesting to furnish a report to both Vigilance and the Government was also received. In the judgment in WP(C) No. 42685 of 2024, the Hon'ble Court directed to treat the EC is valid up to 31.03.2025, subject to the availability of project life. The District Collector vide letter dated 07.02.2025 requested to provide a report on the further action on the WP(C) No. 42685/2024 and WP(C) No. 21937/2024.

The Authority noticed that the Environmental Clearance was issued by the DEIAA, Kozhikode to the Granite Building Stone Quarry Sri. Manoj Kumar K. for an area of 1.0261 Ha at Re Sy Nos: 68, 71/1, 71/2 in Kinalur Village, Thamarassery Taluk, Kozhikode vide EC No. 105/2018 dated 16.08.2018. The validity of EC expired on 15.08.2024, including Covid extension. The project proponent has submitted the application for re-appraisal of DEIAA issued EC. The SEAC as part of the re-appraisal, sought certain additional documents after hearing the presentation but the same is yet to be submitted by the project proponent and the re-appraisal application is delisted due to non-submission of the documents.

The Authority noticed that the DC, Kozhikode vide letter No. DCKKD/7830/2022 - D9 dated 26.07.2024 (Annexure 2) forwarded a report based on the complaint that the proposed area is highly prone to disasters and landslides and the illegal quarrying operations causes severe threat to the life and property of human being as well as environment.

As the re-appraisal application has been delisted from PARIVESH, the Authority, vide letter dated 23.01.2025, intimated the District Collector, Kozhikode, the Director of Mining & Geology, and the District Geologist to ensure that the quarry is not operated until the reappraised Environmental Clearance (EC) is obtained from SEIAA.

However, the Hon'ble High Court, in its judgment dated 02.12.2024 in WP(C) No. 42685/2024, while pronouncing the Hon'ble Apex Court's order dated 12.11.2024 in Civil Appeal Nos. 3799-3800/2019, extended the mining activities up to 31.03.2025, provided the EC remains valid.

In these circumstances, the Authority decided as follows:

1. Direct the District Collector to follow the interim orders of the Hon'ble Apex Court and the High Court of Kerala, provided the project is environmentally feasible for mining. The project proponent must possess all other valid statutory licenses and ensure that the project life aligns with the approved mining plan.

2. Submit a report to the Government and the Vigilance and Anti-Corruption Bureau, incorporating all relevant details, including the report of the Tahsildar, Thamarassery Taluk, the District Collector, Kozhikode, the action taken by SEAC, and the current status of the re-appraisal application.
3. The SEAC shall consider the complaint during the further appraisal process of the re-appraisal application.

Item No. 153.30 **Environmental Clearance issued to the Granite Building Stone Quarry project of Sri. Arun Varghese, Managing Partner, M/s Tasna Mines at Re-Sy Nos. 76/8, 77/1, 77/2, 78/6, 97/1, 97/2 at Mancode Village, Kottarakkara Taluk, Kollam**
(File.No.1201/EC2/ 2018/ SEIAA)

The Authority deliberated on the matter and noted the representation dated 14.02.2025 from the Project Proponent. It was observed that the project proponent has requested an amendment to the validity of the issued EC. As per the decision of the 136th SEIAA meeting, the validity of the EC should be for seven years from the date of issuance of the revalidated EC. However, the modified EC was issued with a validity of seven years from the date of the original EC (i.e., 14.10.2019) for a quantity of 16,36,494 MT, which appears to be a typographical error., recommendations of SEAC

The Authority observed that ECs are revalidated for the life of project from the date of issuance of the original EC. As per the mining plan submitted for appraisal, the life of mine is 10 years. The project proponent has conducted mining for three years, leaving a remaining quantity of 16,36,494 MT.

Upon deliberation, the Authority decided to amend the validity of the revalidated EC to a period of 10 years from the date of issuance of the original EC, i.e., 14.10.2019. All other EC conditions shall remain applicable. The SEIAA Secretariat is directed to issue the EC amendment letter accordingly.

Item No. 153.31 **Environmental Clearance for the Building and Construction project, M/s KGA International Trades Pvt. Ltd. of Sri. K. C. Eapen at Block 105, Sy Nos. 56/67, 28/65, 29, 51/2, 3, 4, 5, 6 & 9 & Block 104, Survey No. 4/1 in Vazhappally East Village, Changanassery Taluk, Kottayam**
(SIA/KL/INFRA2/460048/2024)

Sri. K.C. Eapen, M/s KGA International Trades Pvt. Ltd., XI/641 (New XVI/318-1), Maradu P.O., Ernakulam, Kerala - 682 304, submitted an Environmental Clearance application for the Expansion of Commercial Complex project (“KGA Mall”) at Block No. 105, Survey Nos. 56/67, 28/65, 29, 51/2, 3, 4, 5, 6 & 9 & Block No. 104, Survey No. 4/1 in Vazhappally East Village, Changanassery Taluk, Kottayam.

The Authority perused the item and noted the decision of various SEAC/SEIAA meetings held on different dates. The SEAC had appraised the project based on the application, and additional details/documents obtained from the Project Proponent during appraisal. The EC for the project was issued by MoEF&CC vide Order No. 21- 95/2021-IA-III dated 10.12.2021 for a built-up area of 50,911 sq. m. within a plot area of 16,117 sq. m. (1.6117 ha). The area proposed for expansion is 8,900 sq. m. The cumulative built-up area of the project after the proposed expansion is 59,811 sq. m. The parking facility proposed is 625 cars and 2,665 sq. m. for two-wheelers. After due appraisal, the SEAC in its 175th meeting recommended EC for 10 years for the proposal subject to the FAR permissibility and following specific conditions in addition to the general conditions.

The 152nd SEIAA decided to seek clarification on the removal of ordinary earth from the site, construction of two basement floors and the proposed CER activities outside the project area. As intimated by the Authority, an authorized person, Sri. Viswapreet S., and the Consultant, Sri. P. Z. Thomas from M/s Environmental Engineers & Consultants Pvt. Ltd., attended the hearing. It was clarified that the proposed earth excavation is not needed, as the project has progressed considerably, and the removed earth has been stacked on the project proponent’s property. The lower ground floor is divided into two floors for car parking avoiding mechanical car parking facility. The CER proposal, as per the application, encompasses five activities with a total budget of ₹ 2,65,20,996. The project proponent has agreed to revise the CER proposals for activities listed under Sl. No. 3–5 within one month. The explanation of the Project Proponent is found satisfactory.

In the above circumstances, the Authority accepted the recommendation of 175th SEAC meeting and decided to issue Environmental Clearance for the Expansion of Commercial Complex for a period 10 years (as per O.M. dated 13.12.2022) subject to the following Specific Condition in addition to the General Conditions:

- 1. The validity of EC is subject to the condition that the FAR of the project shall not exceed the permissible limit. The Chief Town Planner should ensure that FAR of the project is within the permissible limit.*
- 2. The provision for parking for differently-abled citizens as specified in KMBR / KPBR shall be provided.*
- 3. Common provision for EV charging facility shall be provided.*
- 4. Green belt shall be maintained minimum at a rate of 1 tree per every 80 sq. m as stated in the Appendix XIV of EIA Notification 2006 (SO 3099 (E) dated 09.12.2016).*
- 5. As assured during the hearing, new CER activities within the project region for an amount equal to or greater than that earmarked for the proposed CER activities (3–5) should be submitted within one month.*
- 6. Adequate sources for water to meet the requirement during construction and operational phase is to be ensured and details should be given in HYCR.*
- 7. The excavation of earth for construction should be limited to minimum and the activity should not affect the water sources of the nearby houses.*
- 8. The CER expenditure proposed and agreed by the Project Proponent should be expended through a separate bank account and the account statement and the beneficiary list should be uploaded along with Half Yearly Compliance Report.*
- 9. The proposed STP with MBBR technology and Tertiary Treatment should enable and ensure the re-use /recycle of treated water to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local ground water.*
- 10. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.*

11. *Project Proponent must ensure that only filtered overland drain is discharged to the nearby natural drain.*
12. *The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. 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).*
13. *Climate responsive design as per Green Building Guidelines in practice should be adopted.*
14. *The green building criteria notified in the GO (Ms) No. 39/2022/LSGD dated 25.2.2022 should be adopted.*
15. *Appropriate greening measures should be adopted on the ground as well as over built structure such as roofs, basements, podiums etc.to reduce the urban heat effect of civil structures.*
16. *Exposed roof area and covered parking should be covered with material having high solar reflective index.*
17. *Building design should cater the needs of differently-abled citizens.*
18. *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.*
19. *Design of the building should comply with Energy Building Code as applicable.*
20. *Energy conservation measures as proposed in the application should be adopted in total.*
21. *Buildings should be barricaded with GI sheets of 6 m. (20 feet) height so as to avoid disturbance to other buildings nearby during construction.*
22. *Construction work should be carried out during day time only.*

23. *All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.*
24. *All vehicles carrying construction materials should be fully covered and protected.*
25. *All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.*
26. *Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.*
27. *Occupational health safety measures for the workers should be adopted during the construction.*
28. *All vehicles during the construction phase should carry PUC certificate.*
29. *D.G. set should be provided with adequate stack height and regular maintenance should be carried out before and after the construction phase and would be provided with an acoustic enclosure.*
30. *Green belt should be developed along the periphery of the site with indigenous species.*
31. *Usage of energy saving 5 star rating equipment such as BLDC fans and LED lamps should be promoted as part of energy conservation. **At least 20% of the energy requirement shall be met from solar power.***
32. *Adequate measures should be adopted to harvest the rainwater.*
33. *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.*
34. *Open space shall be provided as per the building norms without being utilized for any other constructions.*
35. *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.

- 36. 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.*
- 37. 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.*
- 38. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that project site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 39. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

PARIVESH FILES (Ver-1)

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

PART-1

Item No.01

Environmental Clearance for the Proposed Residential Project of M/s Shanoor Projects & Realtors Pvt. Ltd. at Sy. Nos. 253/10, 253/9, 253/11, 253/12-3, 253/18-2, 253/6, 253/4, 253/16-2-1, 253/16-3, 253/16, 253/16-2, 255/2-1, 253/16-1, 255/11-1, 255/11-2, 255/11-3, 255/11-4, 255/11-6, 255/1, 253/4, 255/2-2, 255/2, in Kazhakkootam Village, Thiruvananthapuram Corporation.

(SIA/KL/INFRA2/453077/2023, 2478/EC3/2023/SEIAA)

Sri. S Nizar Ahmmed, Managing Director, M/s Shanoor Projects and Realtors Pvt. Ltd. Bhagavathy Plaza, 2nd Floor, Pongumoodu, Medical College P.O., Trivandrum submitted an Environmental Clearance application for the proposed Residential Project via at Sy. Nos. 253/10, 253/9, 253/11, 253/12-3, 253/18-2, 253/6, 253/4, 253/16-2-1, 253/16-3, 253/16, 253/16-2, 255/2-1, 253/16-1, 255/11-1, 255/11-2, 255/11-3, 255/11-4, 255/11-6, 255/1, 253/4, 255/2-2, 255/2, in Kazhakkootam Village, Thiruvananthapuram Corporation, Taluk & District, Kerala.

The Authority perused the item and observed the decision of various SEAC meetings held on different dates. The SEAC had apprised the project based on the Form-1, Field Inspection report, and additional details/documents obtained from the Project Proponent during appraisal. As per the application, the total built-up area of the project is 28,707.89 m² with 3 building blocks having Gr. floor + 14 floors. The maximum height of the building proposed is 44.60 meters. The total number of apartments proposed is 214 Nos. The plot area is 0.7293 ha. (7,293.13 m²). The total project cost is Rs. 55.8552 Crore. The total quantity of excavated soil will be 1,094 cu. m. and it is proposed to be used for landscaping, backfilling, and internal road construction work within the site. The ground water table is found between 1.15 m. to 1.20 m below ground level. The 161st SEAC meeting heard the presentation of the proposal. The filed inspection of the proposal was conducted on 26.05.2024. After due appraisal, the SEAC in its 177th meeting recommended EC for 10 years, subject to the following specific conditions in addition to the general conditions.

In the above circumstances, the Authority decided to accept the recommendation of 177th SEAC meeting and to issue Environmental Clearance for the development of

**Proposed Residential Project for a period 10 years (as per O.M. dated 13.12.2022)
subject to the following Specific Condition in addition to the General Conditions:**

- 1. The validity of EC is subject to the condition that the FAR of the project shall not exceed the permissible limit. The Chief Town Planner should ensure that FAR of the project is within the permissible limit.*
- 2. The conditions stipulated in the NOC from the KSEB should be strictly complied with.*
- 3. The provision for parking for differently-abled citizens as specified in KMBR / KPBR shall be provided.*
- 4. Green belt shall be maintained at least at a rate of 1 tree per every 80 sq. m as stated in the Appendix XIV of EIA Notification 2006 (SO 3099 (E) dated 09.12.2016).*
- 5. Adequate sources for water to meet the requirement during construction and operational phase is to be ensured and details should be given in HYCR.*
- 6. The excavation of earth for construction should be limited to minimum and the activity should not affect the water sources of the nearby houses.*
- 7. The CER expenditure proposed and agreed by the Project Proponent should be expended through a separate bank account and the account statement and the beneficiary list should be uploaded along with Half Yearly Compliance Report.*
- 8. The proposed STP with MBBR technology and Tertiary Treatment should enable and ensure the re-use /recycle of treated water to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local ground water.*
- 9. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.*
- 10. Project Proponent must ensure that only filtered overland drain is discharged to the nearby natural drain.*

11. *The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. 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).*
12. *Climate responsive design as per Green Building Guidelines in practice should be adopted.*
13. *The green building criteria notified in the GO (Ms) No. 39/2022/LSGD dated 25.2.2022 should be adopted.*
14. *Appropriate greening measures should be adopted on the ground as well as over built structure such as roofs, basements, podiums etc.to reduce the urban heat effect of civil structures.*
15. *Exposed roof area and covered parking should be covered with material having high solar reflective index.*
16. *Building design should cater the needs of differently-abled citizens.*
17. *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.*
18. *Design of the building should comply with Energy Building Code as applicable.*
19. *Energy conservation measures as proposed in the application should be adopted in total.*
20. *Common provision for EV charging facility shall be provided.*
21. *Buildings should be barricaded with GI sheets of 6 m. (20 feet) height so as to avoid disturbance to other buildings nearby during construction.*
22. *Construction work should be carried out during day time only.*

23. *All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.*
24. *All vehicles carrying construction materials should be fully covered and protected.*
25. *All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.*
26. *Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.*
27. *Occupational health safety measures for the workers should be adopted during the construction.*
28. *All vehicles during the construction phase should carry PUC certificate.*
29. *D.G. set should be provided with adequate stack height and regular maintenance should be carried out before and after the construction phase and would be provided with an acoustic enclosure.*
30. *Green belt should be developed along the periphery of the site with indigenous species.*
31. *Usage of energy saving 5 star rating equipment such as BLDC fans and LED lamps should be promoted as part of energy conservation. **At least 20% of the energy requirement shall be met from solar power.***
32. *Adequate measures should be adopted to harvest the rainwater.*
33. *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.*
34. *Open space shall be provided as per the building norms without being utilized for any other constructions.*
35. *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.

- 36. 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.*
- 37. 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.*
- 38. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that project site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 39. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.02

Environmental Clearance for the Building Stone Quarry project of Sri. Rajan Thomas, for an area of 4.9231 Ha at Re-Sy Nos. 205/3, 205/5, 199/3, 199/8, 199/7, 199/7-1, 199/9, 199/6- 1, 198/1, 198/2, 197/1, 198/5, 198/5-6, 198/4, 207/1, 198/3, 206/2, 206, 206/4, 206/1, 206/3 in Kanjirappally Village & Panchayat, Kanjirappally Taluk, Kottayam.

(SIA/KL/MIN/164009/2020, 1372/EC2/2019/SEIAA)

Sri. Rajan Thomas, Maliyekkal House, Aruvithura P.O., Thidanad, Kottayam - 686122 submitted an Environmental Clearance application for the Building Stone Quarry Project for an area of 4.9231 Ha at Re-Survey Nos. 205/3, 205/5, 199/3, 199/8, 199/7, 199/7-1, 199/9, 199/6- 1, 198/1, 198/2, 197/1, 198/5, 198/5-6, 198/4, 207/1, 198/3, 206/2, 206, 206/4, 206/1, 206/3 in Kanjirappally Village & Panchayat, Kanjirappally Taluk, Kottayam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC/SEIAA meetings held on different dates. It is noted that the SEAC had appraised the proposal based on Form-2, Pre-Feasibility Report, Mining Plan, EIA report and additional details/documents obtained from the Project Proponent during appraisal. The field inspection was conducted on 09.07.2021. The Public Hearing of the proposed project was conducted on 06.03.2020. The life of mine is 10 years. After due appraisal the SEAC in its 177th meeting recommended EC for 10 years subject to the following specific conditions in addition to the general conditions.

The Authority noted a representations dated 03.02.2025 and 21.02.2024 submitted by Sri. Raju R. President, Shree Mahakalipara Devi Temple. As per the letter, the complainant requested to provide the copy of the vibration study report conducted by NIT Suratkal and asked for an opportunity for hearing before taking the final decision. The Authority also noticed a complaint filed by Sri. Saji T. D dated 07.02.2025, highlighted the anomalies in the EIA Report and the issues with respect to operation of the existing quarry and its expansion and hence requested to reject the recommendation of SEAC to issue the EC.

The Authority up on deliberations noticed that the Project Proponent has conducted quarrying operations with a valid lease up to 01.09.2021 without EC. It is also noticed that the present project area includes the existing mine area. There are complaints against issue of EC. However, the project proponent has submitted the fresh application for EC.

In this circumstances, the Authority decided to get the clarification / explanation from the project proponent on the above observations including the complaints. The copies of the complaints should be made available to the Project Proponent.

Item No.03

Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Noushad C. P. for an area of 0.5696 Ha at Re-Sy Nos. 172/3009, 172/3010 in Kodyathoor Village, Kozhikode Taluk, Kozhikode

(SIA/KL/MIN/431401/2023, 2346/EC2/2023/SEIAA)

Sri. Noushad C. P., S/o Mohammed, Choorappilan House, Mullamppara, Manjeri, Malappuram, Kerala – 676121 submitted Environmental Clearance application for the Laterite Building Stone Quarry project for an area of 0.5696 Ha at Re-Survey Nos. 172/3009, 172/3010 in Kodyathoor Village, Kozhikode.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The field inspection was conducted on 23.05.2024. The 155th SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years subjected to certain specific conditional in addition to general conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The mining should be limited to maximum depth of 6 bgl considering the depth to water table, subject to limiting the depth 1 m above the lithomarge.***
4. ***Proper benches should be provided at an interval of every 1.5 m.***
5. ***The approach road to the project area should be widened before the commencement of the mining activity.***
6. ***Water stagnation in the benches and the project area should be avoided.***
7. *The excavation activity should not involve blasting.*
8. *The excavation activity should be restricted to 2m above the groundwater table at the site.*
9. *The excavation activity should not alter the natural drainage pattern of the area*
10. *The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.*
11. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
12. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
13. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
14. *Workers/laborers should be provided with facilities for drinking water and sanitation.*
15. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.*
16. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*

17. *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.*
18. *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.*
19. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
20. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
21. *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 5.00 pm)*
22. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
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 Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the*

project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No.04

Reappraisal of EC issued by DEIAA, Idukki to the Granite Building Stone Quarry of Sri. Shiju Thomas for an area of 4.3049 Ha at Sy Nos. 294/1pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakkode Village, Thodupuzha Taluk, Idukki - Interim order dated 11.02.2025 in WP(C) 5545/2025 filed by Sri. Shiju Thomas.

(SIA/KL/MIN/435329/2023, 2385/EC2/2023/SEIAA)

Sri. Shiju Thomas, Pallivathukkal House, Chilavu P O, Idukki – 685 588 submitted an Environment Clearance application for the reappraisal of the DEIAA, Idukki issued EC for the Granite Building Stone Project for an area of 4.3049 Ha at Survey Nos. 294/1pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakkode Village, Thodupuzha Taluk, Idukki.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. In the 178th SEAC meeting, the Committee recommended the rejection of the application as the project proponent is failed to submit the NOC from the Central Ground Water Authority as sought in its 173rd meeting. The Authority noticed that the project proponent has submitted the NOC dated 20.02.2025 from the State Ground Water Board as per the order dated 11.02.2025 in WP(C) No. 5545 of 2025. **In these circumstances, the Authority decided to refer the proposal back to SEAC for relook its earlier decision by considering the NOC.**

Item No.05

Environmental Clearance for the Granite Building Stone Quarry project of Sri. M.D George, M/s Ernad Associates for an area of 3.5950 Ha at Re Sy Block No. 27, Re Sy Nos. 37/8, 39/11-3, 39/11-2, 39/11, 43/1-2, 43/2, 42/4-5, 43/1 in Urangattiri Village, Ernad Taluk, Malappuram.

(SIA/KL/MIN/53095/2020, 1668/EC6/2020/SEIAA)

Sri. M. D George, Managing Partner, M/s Ernad Associates, Door No. IV/167-B, Poovathical P.O, Malappuram submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry Project for an area of 3.5950 Ha at Re-Sy Block No. 27, Re-Sy Nos. 37/8, 39/11-3, 39/11-2, 39/11, 43/1-2, 43/2, 42/4-5, 43/1 in Urangattiri Village, Ernad Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC/SEIAA meetings held on different dates. It is noted that the SEAC had appraised the proposal based on Form-2, Pre-Feasibility Report, Mining Plan, EIA report and additional details/documents obtained from the Project Proponent during appraisal. The 155th SEAC meeting heard the presentation and the field inspection was conducted on 25.03.2023. As per the EIA report the public hearing was held on 28.09.2021. The Project Proponent has submitted NOC from the Irrigation Department vide no. E1-4185/28/2024 dated 23.12.2024. The life of mine is 10 years. After due appraisal the SEAC in its 178th meeting recommended EC for 10 years subject to the following specific conditions in addition to the general conditions after submission of NOC from the District Level Crisis Management Group.

The Authority noticed that the project proponent submitted the proof of application regarding the NOC from the District Level Crisis Management Group and the NOC is yet to be received. As the proposed area is in moderate hazard zone, the Authority decided to issue EC after getting NOC from the District Level Crisis Management Group.

Item No.06

Environmental Clearance of Granite Building Stone Quarry project of Sri. Abdu Rahiman A. C at Re-Sy Block No. 36, Re-Sy No: 269/1, 269/2, in Nediyruppu Village, Kondotty Taluk, Malappuram.

(SIA/KL/MIN/78627/2019, 1543/EC3/2019/SEIAA)

Sri. Abdu Rahiman A. C, Areekkattcholathoduvil House, Peruvallur P.O, Malappuram – 673638 submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry project at Re-Sy Block No. 36, Re-Survey Nos: 269/1, 269/2, in Nediyruppu Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. It is noted that the SEAC had appraised the proposal based on Form-2, Pre-Feasibility Report, Mining Plan, EIA report and additional details/documents obtained from the Project Proponent during appraisal. The 166th SEAC meeting heard the presentation of the proposal. The field inspection was conducted on 14.12.2023. The public hearing was conducted on 22.09.2021. The life of mine is 10 years. After due appraisal the SEAC in its 178th meeting recommended EC for 10 years subject to the following specific conditions in addition to the general conditions after submission of NOC from the Irrigation Department.

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

The Authority noticed that the Project Proponent has obtained NOC from Irrigation Department, Malappuram vide order dated 28.10.2024 for a period of 1 year subjected to 12 conditions.

In these circumstances, the Authority accepted the recommendations of 178th SEAC meeting and decided to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease / permit and then to extend the EC period to cover the project life of 10 (Ten) years, subject to the review by SEAC at the end of

every five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

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

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per 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 permit / 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 every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
4. *The depth of mining should be limited to 145m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
5. *The Project Proponent should scrupulously follow all the conditions stipulated in the NOC issued by the Irrigation Department.*
6. *All the 8 recommendations made in the slope stability studies have to be strictly followed.*
7. *An additional buffer zone of 15m shall be maintained along the boundary sharing with abandoned and functional quarries.*
8. *All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.*
9. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica*

(Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.

- 10. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
- 11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
- 12. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
- 13. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.*
- 14. The haulage road should be provided with sprinkling facility to prevent dust pollution.*
- 15. 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.*
- 16. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
- 17. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
- 18. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 19. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*

20. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
21. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
22. *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 5.00 pm).*
23. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
24. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
25. *The Environment Management Cell (EMC) should include one subject expert in environment management and local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
26. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
27. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
28. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
29. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should*

implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.

- 30. 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.*
- 31. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 32. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
- 33. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
- 34. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*

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

Item No.07

Environment Clearance for proposed Expansion of Mixed Use Township Project of M/s Calicut Landmark Builders & Developers (India) Pvt. Ltd. at Re-Sy Nos. 27/3, 32/1, 32/4, 32/5, 31/4, 31/7, 31/8, 31/9, 35/1B (part), 30/4C, 31/5, 31/6, in Pantheerankavu Village, Olavanna Panchayat, Kozhikode Taluk & District – Judgment dated 11.09.2023 in Appeal No. 05/2022 (SZ) before the Hon’ble NGT & WP(C) No. 30399/2023 filed by M/s Calicut Landmark Builders & Developers (India) Pvt. Ltd, WP(C) No.32797/2023 filed by SEIAA & WP(C) No.35871/2023 filed by Dr. Vineeth K. Adiyodi & others before the Hon’ble High Court

(SIA/KL/MIS/73563/2022, 1193/EC2/2018/SEIAA)

The Authority deliberated on the matter and noted the decisions of various SEIAA/SEAC meetings held on different days. The Authority noticed that in its 140th meeting, in its 140th meeting, it was decided that an application for the expansion of an existing project can be considered only after completing the assessment of mitigation and remediation measures for the construction already completed and after the payment of Environmental Compensation, as estimated by the competent authority of the MoEF, assisted by the Kerala Pollution Control Board, as directed by the Hon’ble High Court of Kerala. Additionally, the Project Proponent must comply with all directives issued by the MoEF&CC at various times relevant to this project, as well as the directions of the Hon’ble High Court of Kerala.

It is noted that the project proposal was considered in the 175th and 177th SEAC meeting. The Committee examined the letter of the project proponent dated 02.12.2024 in response to the decision of the 140th SEIAA meeting. As per the letter, it is intimated that the MoEF&CC Expert Committee visited the site on August 20th, 2024, and the Project Proponent is waiting for the final report. So far, the Project Proponent has not submitted any details/documents in response to the direction of the SEIAA. Hence, the SEAC decided to inform the Authority to direct the Project Proponent to fulfill the direction of the Hon’ble High Court of Kerala and submit the documents/details as decided in the 140th SEIAA meeting for further appraisal of the proposal for expansion of the project.

In the above circumstances, the Authority decided to direct the project proponent to comply with the court directions and submit the compliance report. The expansion application shall be considered after the completion of the direction of the Hon'ble Courts.

PARIVESH FILES (Ver-1)

PART-2

Item No.01 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Yunus Mayakkara for an area of 4.5246 Ha at Block No. 35, Re-Sy Nos. 8/1-3, 8/1-4 in Nediyruppu Village, Kondotty Taluk, Malappuram – Submission of Hearing Note - Reg (SIA/KL/MIN/438697/2023, 2396/EC1/2023/SEIAA)**

The Authority perused the proposal and discussed the hearing note submitted by the project proponent vide letter dated 17.02.2025 along with the revised production plan. The Authority noticed that there is considerable difference in the depth of mining, but without any change in the mineable reserve. Upon deliberation, the Authority decided to get an opinion from an Expert in Geology / Mining on the above two documents. The expenditure incurred in this regard shall be met by SEIAA.

Item No. 02 **Environmental Clearance for the Expansion of Commercial Building project of Sri. Muhammedkutty Haji at Sy Nos. 151/6 A-3, 8-26, 6A-2, 6B-3,7-8, 6B-16,5, 6B-15-3,7-5, 6B-13,4,5-3,7-2, 6B-7, 6B-15-2,7-6,7-7, 6B-10, 6B-14, 6B-15, 5-2, 5-4, 6A-6, 6A-5, 6B-2, 6A-4, 6B-12, and 6B-17 in Ward No: 31, Trikkandiyur Village, Tirur Taluk, Malappuram – Report from Chief Town Planner (SIA/KL/INFRA2/441661/2023, 2393/EC1/2023/SEIAA)**

Sri. Muhammedkutty Haji, Parappurath, Thekken Kuttur (P.O), Kalpakancheri, Malappuram - 676551 submitted an Environmental Clearance application for the expansion of Commercial Building at Survey Nos. 151/6 A-3, 8-26, 6A-2, 6B-3,7-8, 6B-16,5, 6B-15-3,7-5, 6B-13,4,5-3,7-2, 6B-7, 6B-15-2,7-6, 7-7, 6B-10, 6B-14, 6B-15,5-2,5-4, 6A-6, 6A-5, 6B-2, 6A-4, 6B-12, and 6B-17 in Ward No: 31, Trikkandiyur Village, Tirur Taluk, Malappuram.

The Authority noted that as per the expansion application and all the supporting documents, the total plot area is 15,169.30 m² after adding an additional area of 3430.30 m² to the original area of 11,739 m² prior to the proposed expansion. The proposed project cost is Rs 4879 lakh. The existing built-up area is 18,196.56 m². The area proposed for expansion is 9,426.59 m², thereby the total built-up area is 27,623.15 m². Based on discussions, the SEAC in its 163rd meeting recommended EC for 10 years subject to the following Specific Conditions in addition to the General Conditions.

On deliberations, the Authority found that as per the additional documents submitted on 19.03.2024 the building permit was obtained for 17,585.35 m² and the Project Proponent has constructed an additional built-up area of 611.21 m², together to a total of 18196.56 m². Subsequently the Project Proponent is seeking EC for the expansion of existing project by adding 9426.59 m² together makes a total built-up area of 27,623.15 m². As per google imagery, the Project Proponent has started construction after February 2022, therefore the Authority decided to hear the project proponent regarding the splitting of the project.

The Authority heard the project proponent and his consultant in its 144th meeting. During the hearing, the project proponent intimated that the building was constructed for M/s Lulu International Shopping Malls Pvt Ltd., and had signed a MoU with M/s Lulu International Shopping Malls Pvt Ltd on 20th January 2022 for a commercial building with a of built-up area of 1,89,218 sq. ft. (17,585.35 m²). The building permit was obtained for 17,585.35 m² and commenced the construction of the building. Later, as per the detailed assessment and project viability study conducted by M/s Lulu International Shopping Malls Pvt. Ltd, it is understood that the proposed carpet area of approximately 1,00,000 sq. ft. (9,290.304 m²) is insufficient and falling short of their business needs. Accordingly, the built-up area was increased to 2,97,225 sq. ft. (27,623.15 m²), resulting in a carpet area of 1,70,631 sq. ft. (15,852.12 m²).

The Authority noted that the construction of the building was commenced after 2022 and the project proponent applied for Expansion of Commercial Building. The Authority inferred that as per EIA Notification, 2006 only those building construction projects which were existing as on 14.09.2006 can only be termed as “existing” and such projects if intend additional construction are eligible for “expansion of existing project”. Any construction, whether in phases or partly or fully carried out on or after 14.09.2006 can only be considered as “New” project and is not eligible to be termed as “expansion of existing project”.

Here, the project proponent commenced his construction activity only on 2022 and the construction is progressing, without prior Environmental Clearance. Besides, the Authority also noticed that the project proponent is proposing vertical, which implied that the structure of the building was designed accordingly to bear the vertical expansion. Therefore, the Authority is of the opinion that the Project Proponent has deliberately split up the project for economic benefit as well as to limit the built up area to threshold limit of less than 20000 sq. m. which is exempted for EC and hence the existing construction of the commercial complex is a violation of EIA Notification, 2006.

Since, the project has progressed considerably, the Authority decided to obtain clarification from the EIA division of MoEFCC whether the project is eligible to consider as expansion of existing project or should be considered as new project. The MoEF &CC vide letter dated 16.12.2024 intimated that the provisions of the EIA Notification, 2006 as amended are applicable only to building projects > 20,000 sq.m or where the addition of built-up area results in the breach of threshold limit as laid down under the EIA Notification, as amended.

In the light of clarification from MoEF&CC, the Authority decided to request the Chief Town Planner to furnish a detailed report on the present built-up area of the project. The Chief Town Planner, Thiruvananthapuram vide letter no LSGD/PD/3547/2025-TCPB2 dated 18.02.2025 submitted the report regarding the present built-up area of the project. As per the report of the Chief Town Planner, the present status of the proposed construction is as follows:

Built-up Area (sq. m)		
Details of Building	Area as per site inspection	Area as per approved Layout from Town Planner
Commercial Building	26357.83	26213.83
Service Building	1425.39	1409.32
CNG Vaporizing shed	68.85	Nil
Grand Total	27852.07	27623.15

It is also reported that vide order dated TCPMPM/487/2023-A3 dated 29.05.2023 a lay out permit was issued for the construction of a commercial building for an area of 27623.15 sq. m in an plot area of 15169 sq. m (26213.83 sq. m Main Building and 1409.32 sq. m of Service Building).

From the report of the Chief Town Planer, it is obvious that the project proponent has completed the construction of a total built-up area of 27852.07 m² at the project area without getting the mandatory prior EC. In addition to these, the Chief town Planner reported that the project proponent has constructed a shed for CNG vaporizing plant, foundation for mechanical parking, and another construction without walls and super-structures.

The Authority on detailed deliberation observed that the project proponent has constructed the building beyond the threshold level as per the Schedule of the EIA Notification 20026, without the mandatory prior EC and completed the construction up to 27852.07 m². By suppressing all these facts, the project proponent submitted the expansion application in violation of EIA notification 2006 and guidelines of MoEF&CC and the amendments thereby. Even after providing multiple opportunities including personal hearing, the project proponent failed to convince the issues raised by the Authority. The Authority viewed this as an attempt to mislead the Authority.

In the above circumstances, the Authority decided to direct the Project Proponent to appear in person before the Authority in the next meeting and explain as to why the action should not be initiated as per EP Act 1986 and EIA Notification 2006.

PARIVESH FILES (Ver-2)

PART-1

Item No.01

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Sivankutty. K, for an area of 0.9988 Ha at Block No. 24, Re-Sy Nos: 431/10pt, 431/11pt, 431/7pt & 431/14pt in Ummannoor Village, Kottarakkara Taluk, Kollam. (SIA/KL/MIN/462319/2024)

Sri. Sivankutty. K, Gaurisadanam, Anayadi (P O), Sooranad North, Kollam, Kerala 690561, submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry Project for an area of 0.9988 Ha at Block No. 24, Re-Sy Nos. 431/10pt, 431/11pt, 431/7pt & 431/14pt in Ummannoor Village, Kottarakkara Taluk, Kollam.

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 project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 168th SEAC meeting heard the presentation of the proposal. The Project Proponent obtained NOC from the Executive Engineer, Irrigation Department vide order dated 18.12.2024 for a period of 1 year. The NOC was issued for conducting quarrying by controlled blasting without affecting irrigation structures subjected to 16 conditions. As per the approved mining plan, mine life is 2 years. After the due appraisal, the SEAC in its 178th meeting, recommended EC for the mine life of 2 years, subject to certain Specific Conditions in addition to the General Conditions

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 2 (Two) years, 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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*

3. *The depth of mining should be limited to 88m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
4. *The mitigation measures in the Comprehensive EMP should be implemented along with all the other quarries within 500m radius.*
5. *The height of the overburden and top soil dump should be restricted to 5m AMSL protected within gabion walls.*
6. *All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.*
7. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
8. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
9. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
10. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
11. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
12. *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.*

13. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
14. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
15. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
16. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
17. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
18. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
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 5.00 pm).*
20. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
21. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
22. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
23. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*

24. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
25. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
26. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
27. *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.*
28. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
29. *Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*

30. *The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
31. *In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
32. *The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
33. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.02

Environmental Clearance for the Granite Building Stone Quarry project of Smt. Mariyamma Mathew, Managing Partner, M/s Valiyakalathil Rock Crushing Unit, for an area of 1.2047 Ha at Block No. 40, Re-Sy No. 438/7 in Pampady Village, Kottayam Taluk, Kottayam
(SIA/KL/MIN/460544/2024)

Smt. Mariyamma Mathew, M/s. Valiyakalathil Rock Crushing Unit, Poothakuzhi P.O, Kottayam, 686521 submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry project for an area of 1.2047 Ha at Block No. 40, Re-Survey No. 438/7 in Pampady Village, Kottayam Taluk, Kottayam.

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 project based on Form-2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The Field Inspection was conducted on 26.06.2024. As per the approved mining plan the mine life is 7 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 7 years, subjected to the following.

- i. The EC may be issued subject to the demolishing of the sheds as agreed in the affidavit
- ii. The EC may be issued after obtaining NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003, as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.

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

In the above circumstances, the Authority accepted the recommendations of 177th SEAC meeting and decided to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease / permit and then to extend the EC period to cover the project life of 7 (Seven) years, subject to the review by SEAC at the end of every five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

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

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per 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 permit / 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 every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*

4. The depth of mining should be limited to 77m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.
5. A 50m buffer should be maintained between the project boundary and the crusher building at a distance of 42m.
6. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
7. The built structures at 10m and 17m are to be demolished prior to the initiation of the mining activities or file an affidavit to the effect that this built structure will not be used for any residential or dwelling purpose.
8. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are *Phyllanthus emblica* (Nelli), *Syzygium cumini* (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleichera oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.
9. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
10. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
11. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
12. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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 channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
15. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
16. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
17. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
18. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
19. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
20. *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 5.00 pm).*
21. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
22. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
23. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
24. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*

25. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
26. *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.*
27. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
28. *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.*
29. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
30. *Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*

31. *The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
32. *In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
33. *The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
34. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

SEIAA Secretariat is directed to inform the Project Proponent to submit NOC from the Irrigation Officer of Irrigation Department as clarified in the circular dated 19.11.2024 of the Chief Engineer, Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.

Item No.03

**Re-appraisal of EC issued by DEIAA, Kasaragod for the Granite Building Stone Quarry of Sri. Prakashan P., Managing Director, M/s. Kayyar Aggregates Pvt Ltd for an area of 2.4767 Ha at Sy Nos. 242/3A(pt), 242/3A,3B, 242/3B(pt), 243/2(pt) in Kayyar Village, Manjeshwaram Taluk, Kasaragod
(SIA/KL/MIN/459541/2024)**

Sri. Prakashan P, M/s Kayyar Aggregates Pvt. Ltd, Kayyar P.O, Manjeshwaram Taluk, Kasaragod District submitted an application for reappraisal of EC issued by DEIAA, Kasaragod for an area of 2.4767 Ha at Sy Nos. 242/3A(pt), 242/3A,3B, 242/3B(pt), 243/2(pt) in Kayyar Village, Manjeshwaram Taluk, Kasaragod.

The project obtained EC dated 24.06.2017 from DEIAA, Kasaragod in favor of Sri. Antony Raphel, Managing Director, M/s Kayyar Aggregates Pvt. Ltd. Subsequently, Sri. Prakashan P., M/s. Kayyar Aggregates Pvt Ltd submitted an application for reappraisal of the

EC dated 24.06.2017. The project proponent also submitted a notarized affidavit regarding the transfer of DEIAA issued EC from Sri Antony Raphel.

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 project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 133rd Meeting of the SEAC meeting heard the presentation of the proposal and the Field Inspection was conducted on 28.06.2024. As per the Scheme of mining approved on 06.11.2021, the mineable reserve is given as 7,50,510 MT for a mine life 6 years. The quarrying lease deed was made on 14.08.2017 and ending on 13.08.2027 for a period of 10 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 6 years, subject to certain specific and general conditions after obtaining the NOC from the Irrigation Department. The project proponent has submitted the NOC dated 05.12.2024 on 18.12.2024.

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

In the above circumstances, the Authority accepted the recommendations of 177th SEAC meeting and decided to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease / permit and then to extend the EC period to cover the project life of 6 (Six) years, subject to the review by SEAC at the end of every five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

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

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per 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 permit / 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 every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
4. ***The mining should be carried out only after shifting the crusher located within the project site.***
5. ***The mining should be carried out only after demolishing the building located 18m from the project boundary.***
6. ***All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.***
7. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
8. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
9. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
10. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
11. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
12. *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.*

13. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the Half-Yearly Compliance Report (HYCR).*
14. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
15. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
16. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
17. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
18. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
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 5.00 pm).*
20. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
21. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
22. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
23. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*

24. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
25. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
26. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
27. *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.*
28. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
29. *Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*

30. *The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
31. *In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
32. *The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
33. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.04

Environmental Clearance for the Ordinary Earth Excavation Project of Sri. Siyad P A, for an area of 0.4835 Ha at Block No. 27, Re-Sy No. 162 in Kizhakambalam Village, Kunnathunadu Taluk, Ernakulam.

(SIA/KL/MIN/467076/2024)

Sri. Siyad P. A., Plachery House, Ambunad, Pookkattupady, Kizhakkambalam, Ernakulam submitted an Environmental Clearance application for the proposed Ordinary Earth Excavation Project from an area of 0.4835 Ha at Block No. 27, Re- Sy No. 162 in Kizhakambalam Village, Kunnathunadu Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 165th SEAC meeting heard the presentation of the proposal and the field inspection was conducted on 03.07.2024. As per the approved mining plan the mine life is 1 year. After the due appraisal, the SEAC in its 177th meeting recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 1 (One) year, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. **The Project Proponent should implement the Comprehensive EMP by considering the adjacent project proposals.***
- 4. The excavation activity should not involve blasting.*
- 5. The excavation should not intersect the groundwater table and should be restricted 2m above the groundwater table.*
- 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 agriculture and other useful purposes.*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
- 9. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
- 11. Workers/laborers 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 the proposed excavation.*

13. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
14. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
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 5.00 pm)*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*

- 21. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 22. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.05

**Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Ambujakshan M. C., for an area of 0.1942 Ha at Block No. 46, Re-Sy No. 14/1114 in Pariyaram Village, Thaliparamba Taluk, Kannur
(SIA/KL/MIN/468349/2024)**

Sri. Ambujakshan M. C., Manheri Choychery, Chorukkala, Kurumathoor P.O Kannur, 670142 submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry project for an area of 0.1942 Ha at Block No. 46, Re-Survey No. 14/1114 in Pariyaram Village, Thaliparamba Taluk, Kannur.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 165th SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 2 years. After the due appraisal, the SEAC in its 178th meeting, recommended EC for the mine life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 2 (Two) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. **The mining should be restricted to maximum depth of 3m bgl considering the depth to water table, subject to limiting the depth 1 m above the lithomarge.***
- 4. **The Project Proponent should implement the Comprehensive EMP by considering the adjacent project proposals.***
- 5. **Proper benches should be provided at an interval of every 1.5 m.***
- 6. The excavation activity should not involve blasting.*
- 7. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 8. The excavation activity should not alter the natural drainage pattern of the area*
- 9. The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.*
- 10. Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
- 11. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
- 12. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
- 13. Workers/laborers should be provided with facilities for drinking water and sanitation.*
- 14. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.*
- 15. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*

16. *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.*
17. *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.*
18. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
19. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
20. *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 5.00 pm)*
21. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
23. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the*

project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No.06

Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Manikandan K., for an area of 0.9713 Ha at Block No. 41, Re-Sy Nos. 354/360, 354/364 in Peringome Village, Payyanur Taluk, Kannur

(SIA/KL/MIN/459950/2024)

Sri. Manikandan K., Sreepadmam, Echilamvayal Kandoth P.O, Kannur, 670307 submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry project for an area of 0.9713 Ha at Block No. 41, Re-Sy Nos. 354/360, 354/364 in Peringome Village, Payyanur Taluk, Kannur.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 165th SEAC meeting heard the presentation of the proposal. As per the approved mining plan, the mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The mining should be restricted to maximum depth of 4m bgl considering the depth to water table, subject to limiting the depth 1 m above the lithomarge.***
4. ***The Project Proponents should implement the Comprehensive EMP by considering the adjacent project proposals.***
5. ***Proper benches should be provided at an interval of every 1.5 m.***
6. *The excavation activity should not involve blasting.*
7. *The excavation activity should be restricted to 2m above the groundwater table at the site.*
8. *The excavation activity should not alter the natural drainage pattern of the area*
9. *The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.*
10. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
11. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
12. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
13. *Workers/laborers should be provided with facilities for drinking water and sanitation.*
14. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.*
15. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
16. *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.*

17. *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.*
18. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
19. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
20. *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 5.00 pm)*
21. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
23. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*

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

Item No.07

Environmental Clearance for the Granite Building Stone Quarry Project of Shri. Shaji Mathew, Managing Partner, M/s. Emerald Rocks for an area of 1.7895 Ha at Sy No. 776/1-3-6, 776/1-5-4-8-2 & 776/1-5-4-8-1 in Chethackal Village, Ranni Taluk, Pathanamthitta

(SIA/KL/MIN/470480/2024)

Sri. Shaji Mathew, Managing Partner, M/s. Emerald Rocks, Building No 471, Thanikuzhiyil House, Edamon - Post, Ranni Taluk, Pathanamthitta – 689676, submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 1.7895 Ha at Sy No. 776/1-3-6, 776/1-5-4-8-2 & 776/1-5-4-8-1 in Chethackal Village, Ranni Taluk, Pathanamthitta.

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 project based on Form-2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The Field Inspection was conducted on 09.11.2024. As per the approved mining plan mine life is 5 years. After the due appraisal, the SEAC in its 178th meeting, recommended EC for the mine life of 5 years, subject to certain Specific Conditions in addition to the General Conditions after the obtaining the NOC from the Irrigation Department.

The Authority noticed the complaints received on 09.12.2024 and 10.02.2025 filed by Sri. Shaji T. V. by challenging the tampering of land documents. The Complaint alleging that the Village Officer, Chethackal, and concerned Taluk officer have engaged illegal means in conversion of forest land within the Ranni division. The Complainant also asserts that the illegally occupied forest land ought to be surveyed and returned to the Forest Department. But as per the Certificate of Divisional Forest Officer, Kottayam dated 14.01.2025, the distance to the Karikkattur Reserve Forest is 65m from the proposed project area.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 5 (Five) years, 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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The depth of mining should be limited to 140m AMSL so as to avoid formation of mine pit and to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.***
4. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
5. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
6. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
7. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
8. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*

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 channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
11. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
12. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
13. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
14. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
15. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
16. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).*
17. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
18. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*

19. *The Environment Management Cell (EMC) should include one subject expert in environment management and the local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
20. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
21. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
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 OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
24. *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.*
25. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the*

project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

- 26. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
- 27. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
- 28. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
- 29. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
- 30. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

SEIAA Secretariat is directed to inform the Project Proponent to submit NOC from the Irrigation Officer of Irrigation Department as clarified in the circular dated 19.11.2024 of the Chief Engineer, Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.

Item No.08

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Rajan, for an area of 0.6551 Ha at Re-Sy No. 111/1A1A in Koothali Village, Koyilandy Taluk, Kozhikode.
(SIA/KL/MIN/471817/2024)**

Sri. Rajan, S/o Krishnan Nair, Puthiyottil House, Kodiyangad P.O., Kozhikode - 673525, submitted an Environmental Clearance application for the Granite Building Stone Quarry project for an area of 0.6551 Ha at Re-Sy No. 111/1A1A in Koothali Village, Koyilandy Taluk, Kozhikode.

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 project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The Project Proponent submitted application for Wildlife Clearance vide proposal No. WL/KL/MIN/QRV/458255/2024 since the site is located at 4.13 Km from the Malabar Wildlife Sanctuary. The 169th SEAC meeting heard the presentation of the proposed project. The Project Proponent obtained NOC from Executive Engineer, Irrigation department, Perambra vide order dated 04.12.2024. As per the approved mining plan, the mine life is 5 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 5 (Five) years, 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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Since the estimated mineable resources seem high, the Mining and Geology Department should reassess them by considering the elevation of the project area.*
- 4. A temporary protection wall of a 5m height connecting the BP1 & BP8 should be erected prior to the commencement of quarrying.*
- 5. All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.*
- 6. Since the project area located within 10 km radius of Malabar Wild Life Sanctuary, the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble*

Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining.

- 7. The 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.*
- 8. Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Kozhikode and Department of Industries GoK, besides others for information and necessary further action.*
- 9. Copy of the EC shall be marked to the concerned Wildlife Warden and to the District Geologist. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.*
- 10. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
- 11. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
- 12. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
- 13. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
- 14. The haulage road should be provided with sprinkling facility to prevent dust pollution.*

15. *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.*
16. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
17. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
18. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
19. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
20. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
21. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
22. *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 5.00 pm).*
23. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
24. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*

25. *The Environment Management Cell (EMC) should include one subject expert in environment management and the local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
26. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
27. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
28. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
29. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
30. *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.*
31. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the*

project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

32. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.

33. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.

34. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.

35. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.

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

Item No.09

Environmental Clearance for the Ordinary Earth Excavation Project of Sri. Althaf K. A. for an area of 0.9995 Ha at Block No. 27, Re-Sy No. 162 in Kizhakambalam Village, Kunnathunad Taluk, Ernakulam.

(SIA/KL/MIN/466642/2024)

Sri. Althaf K A, Koyamparambil House, Peringala P.O, Kunnathunad, Ernakulam submitted an Environmental Clearance application for the Ordinary Earth Excavation project, for an area of 0.9995 Ha at Block No. 27, Re-Sy No. 162 in Kizhakambalam Village, Kunnathunad Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 165th SEAC

meeting heard the presentation and the Field Inspection was conducted on 03.07.2024. As per the approved mining plan the mine life is 1 year. After the due appraisal, the SEAC in its 177th meeting recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 1 (One) year, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. **The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.**
4. *The excavation activity should not involve blasting.*
5. *The excavation should not intersect the groundwater table and should be restricted 2m above the groundwater table.*
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 agriculture and other useful purposes.*
8. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
10. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*

11. *Workers/laborers 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 the proposed excavation.*
13. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
14. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
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 5.00 pm)*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the*

land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

21. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No.10

Reappraisal of EC issued by DEIAA, Palakkad for the Granite Building Stone Quarry of Sri. Saji Sebastian, Managing Director, M/s Matha Aggregates Pvt. Ltd. for an area of 2.3698 Ha at Sy Nos. 459/1B2B, 459/1B2C, 459/3(Pt), 459/5(Pt) in Nagalassery Village, Pattambi Taluk, Palakkad.

(SIA/KL/MIN/459175/2024).

Sri. Saji Sebastian, Managing Director, M/s. Matha Aggregates Pvt. Ltd., Madeckal House, Kizhakkambalam P. O., Ernakulam, submitted an application for reappraisal of EC issued by DEIAA, Palakkad for the Granite Building Stone Quarry project for an area of 2.3698 Ha at Survey Nos. 459/1B2B, 459/1B2C, 459/3(Pt), 459/5(Pt) in Nagalassery Village, Pattambi Taluk, Palakkad.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. After the due appraisal, the SEAC in its 178th meeting, recommended EC subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that the DEIAA, Palakkad, issued the EC for the Granite Building Stone Quarry project to Sri. Riyas P.M. vide EC No. E/2703/16/DEIAA, dated 09.01.2018. The mining plan for the proposal was approved on 03.07.2012, with Riyas P.M.

as the authorized signatory. The mine's lifespan is 17 years, and the mineable reserve is recorded as 10,12,724 MT. Subsequently, the lease was transferred to Sri. Saji Sebastian vide order dated 16.03.2019, but the EC was not transferred accordingly. As a result, the new leaseholder has not complied with the conditions stipulated in the OM dated 10.12.2021 regarding the procedure for handling EC transfer cases, as per the provisions of S.O. 2817(E), dated 13th July 2021. The Authority is of the opinion that, without transferring the EC, a fresh EC cannot be issued to the new leaseholder. Furthermore, the re-grassing proposal, as required by the O.M., has also not been submitted by the project proponent.

On deliberations, the Authority decided to direct the Project Proponent to produce necessary orders transferring EC in his name and proposal for re-grassing.

Item No.11 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Tony Nirmal, Managing Director, M/s Rockshell Granite and Sands Pvt. Ltd., for an area of 0.8852 Ha at Re-Sy Block No. 2, Re-Sy No. 189/1 in Vaniyamkulam-2 Village, Ottappalam Taluk, Palakkad.
(SIA/KL/MIN/472780/2024)

Sri. Tony Nirmal, Managing Director, Rock Shell Granite & Sands Pvt. Ltd, Chorottor, Manissery, Vaniyamkulam, Ottappalam Palakkad Kerala 679521, submitted an Environmental Clearance application the Granite Building Stone Quarry for an area of 0.8852 Ha at Resurvey Block No. 2, Re-Survey No.189/1 in Vaniyamkulam-2 Village, Ottappalam Taluk, Palakkad.

The Authority deliberated on the matter and noted the decisions of earlier SEAC meeting. The 178th SEAC meeting found several non-compliances in CCR submitted dated 13.12.2024, with respect to CSR, the usage of blast mats, advertisement of the original EC document, non-submission of notarized affidavit etc. The Project Proponent has not submitted the original mining plan and the EC period has expired on 28.07.2023. But PP continued the mining activity based on SO 1807 dated 12.04.2023 of MoEFCC. After due appraisal the SEAC in its 178th SEAC meeting recommend rejection of the application and immediate issuance of a stop memo.

The Authority also observed that, as per the Cluster Certificate dated 15.04.2024, a quarry owned by M/s. Rockshell Granites, covering an area of 1.2144 Ha at Survey No.

189/1pt, is abutting the proposed area. The Authority is of the opinion that, in line with the direction of the Hon'ble Supreme Court in I.A. Nos. 12-13 of 2011 (Deepak Kumar vs. State of Haryana and Others) and similar orders of the Hon'ble NGT, the splitting of the mining project shall not be permissible, as it is not environmentally sustainable. Additionally, non-compliance with EC conditions has also been reported.

The Authority further noted a request letter submitted by the project proponent, vide letter dated 12.02.2025, seeking to rescind the decision taken in the 178th SEAC meeting, along with a report from MoEF&CC dated 12.02.2025. As per the report, MoEF&CC conducted a site inspection on 28.11.2024, and the findings were issued vide letter dated 13.12.2024. The project proponent has also submitted a response to the observations made during the site inspection by MoEF&CC.

In the above circumstances, the Authority has decided the following.

- 1) To reject the application since the Project Proponent had violated the Apex Court's Order in I.A. Nos. 12-13 of 2011 (Deepak Kumar vs. State of Haryana and Others) and similar orders of the Hon'ble NGT, by splitting of the mining area.
- 2) There are severe noncompliances of EC condition as per CCR which call for action as per conditions of EC.
- 3) To issue stop memo to the project as the same is functioning against the Appex Court's Order in I.A. Nos. 12-13 of 2011 (Deepak Kumar vs. State of Haryana and Others) and similar orders of the Hon'ble NGT.
- 4) The Project Proponent is free to amalgamate the quarries under a unified mining plan which will make the environmental mitigation measures more scientific and meaningful.

Item No.12

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mohammad Shareef for an area of 1.1757 Ha at Block No. 1, Re-Sy No. 65/A5-19 in Valambur Village, Perinthalmanna Taluk, Malappuram.

(SIA/KL/MIN/474419/2024)

Sri. Mohammad Shareef, Kuttikkadan House, Ambalaparamb, Athavanad P.O., Malappuram submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 1.1757 Ha at Block No.1, Sy No. 65/A5-19 in Valambur 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 project based on Form-2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 169th SEAC meeting heard the presentation of the proposed project. As per the approved mining plan, the mine life is 5 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 5 years, subject to certain Specific Conditions in addition to the General Conditions after obtaining NOC from the Irrigation Department.

In the above circumstances, the Authority decided to issue EC for a period of 5 years subject to the production of NOC from the Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 dated 19.04.2024.

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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*

3. *The depth of mining should be limited to 75m AMSL considering the depth to water table and the balance mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
4. *While implementing the compensatory afforestation plan, care should be taken to plant appropriate trees at appropriate places along the road, considering the electric lines.*
5. *All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.*
6. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
7. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
8. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
9. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
10. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
11. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
12. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*

13. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
14. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
15. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
16. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
17. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
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 5.00 pm).*
19. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
20. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
21. *The Environment Management Cell (EMC) should include one subject expert in environment management and the local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
22. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
23. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*

24. *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 OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
26. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
27. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
28. *Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
29. *The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*

30. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.

31. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.

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

SEIAA Secretariat is directed to inform the Project Proponent to submit NOC from the Irrigation Officer of Irrigation Department as clarified in the circular dated 19.11.2024 of the Chief Engineer, Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.

Item No.13

Environmental Clearance for the Ordinary Earth Mining Project of Sri. George Thomas for an area of 0.9872 Ha at Re-Sy Nos. 56/20-1 & 56/11 in Wadakkanchery Village, Thalappilly Taluk, Thrissur.

(SIA/KL/MIN/466524/2024)

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The 177th SEAC meeting found that the photographs along with the Boulder management Plan and the field inspection report dated 01.10.2024 shows considerable number of boulders within the project site. As per the mining plan, the PP proposes to extract 66,122 MT from an area of 0.9872 Ha. On examination of the site, the dominant part of the area has exposed rocks by leaving a small portion with soil. Considering the non-feasibility for the extraction of soil, the SEAC in its 178th meeting recommend rejection of the application.

The Authority noticed a reconsideration letter submitted by the project proponent vide letter dated 3.02.2025 which states that the area is not fully covered with boulders. The letter is devoid of merit warranting reconsideration of the recommendations of SEAC.

The Authority also convinced with the observations of the SEAC and hence decided to accept the recommendations of SEAC to reject the proposal.

Item No.14 Environmental Clearance for the Building and Construction project, M/s Oceanus Emerald Enclave of Sri. Thomas P. K. at Sy Nos: 242/17, 244/2, 244/3, 244/4, 244/5, 244/6, 244/8, 244/8-1, 244/9, 250/1, 250/2-1, 250/2-2 in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram.
(SIA/KL/INFRA2/469908/2024)

The Authority perused the item and observed the decision of various SEAC meetings held on different dates. The SEAC had apprised the project based on the Form-1, Field Inspection report, and additional details/documents obtained from the Project Proponent during appraisal. The 168th SEAC meeting heard the presentation and the field inspection was conducted on 21.09.2024. As per the Form-1, the total built-up area is given as 26,116.47 m² with a plot area of 4,564 m². After due appraisal, the SEAC in its 177th meeting recommended EC for 10 years, subject to the following specific conditions in addition to the general conditions.

The Authority noticed that as per the contour map provided, the elevation of the area is given as 100.071 m to 129.058 m AMSL. But as per the Google imagery, the elevation is found between 45m to 61m AMSL and is contradictory to the details provided in other documents.

After detailed discussion, the Authority decided to seek the following clarification from the project proponent.

1. Clarification on elevation of the proposed project area with documentary proof.
2. Provision for parking facility for differently abled citizens as per KMBR.
3. Plan for planting trees at a rate of 1 tree per 80 sq. m. as per stated in the Appendix XIV of EIA Notification 2006 (SO 3099 (E) dated 09.12.2016).
4. Lithology of the project area up to a depth of 5m bgl.
5. Water level at monsoon season.
6. Details regarding the common facility for EV charging.

Item No.15

Reappraisal of EC issued by DEIAA Kollam, for the Granite Building Stone Quarry of Sri. L. Saiju, Managing Partner, M/S. Akkavila Sajeenan Aggregates for an area of 2.6491 Ha at Survey Nos. 474/4, 474/16, 474/17, 474/5, 474/18, 474/6, 474/21, 474/20, 474/7, 474/24, 474/10, 476/8, 476/7, 476/6, 476/4, 475/23, 475/24, 475/9-1, 476/17, 474/19 & 476/20 in Veliyam Village, Kottarakkara Taluk, Kollam District – Judgement dated 23.05.2024 in WP (C) No. 17919 of 2024

(SIA/KL/MIN/477635/2024)

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 project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 168th SEAC meeting heard the presentation of the proposal and the Field inspection was conducted on 16.11.2024. After the due appraisal, the SEAC in its 178th meeting, recommended EC for 3 years subject to certain Specific Conditions in addition to the General Conditions.

The Authority also noticed a complaint dated 19.12.2024 forwarded by Sri. Thulaseedaran Nair alleging that project proponent carried out illegal mining. The complainant also stating that the KIP canal is located adjacent to the site and conducted illegal mining closer to canal at about 39m. The Authority also noticed the complaints received from nearby residents alleging that their houses are at a distance of 17m, 35m and 40.5m, as forwarded by the Secretary, Veliyam Grama Panchayat.

The Authority noticed that the Mining & Geology Department imposed a fine as the Project Proponent conducted excess mining beyond the project area. Besides, there are documents such as revised survey map, re-grassing proposal, and the damage assessment report are not submitted for the reappraisal.

The Authority decided to direct the project proponent

1. To furnish the details of over extraction, penalty imposed and copies of documents in this regard.
2. Project Proponent shall offer his remarks on the complaint received. The copies the complaint received shall be provided to the Project Proponent.
3. The essential documents required for reappraisal shall also to be provided.

Item No.16

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Keelath Kasim, (Designated Partner) Puthanveettil Granites LLP for an area of 0.8010 Ha at Block No. 01, Sy No. 137/4-6 in Valambur Village, Perinthalmanna Taluk, Malappuram.

(SIA/KL/MIN/477089/2024)

Sri. Keelath Kasim, Puthanveettil Granites LLP, AAS-1733 4/505 25, Bypass Road, Puthanveettil Tower Near KIMS Alshifa, Perinthalmanna, Malappuram-679322 submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 0.8010 Ha at Block No.01, Sy No. 137/4-6 in Valambur 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 project based on Form-1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The PP has submitted an NOC from the Irrigation Department vide Proceedings dated 06.12.2024. The 173rd SEAC meeting heard the presentation of the proposed project. As per the approved mining plan mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. **The depth of mining should be limited to 95m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly***

by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.

- 4. The mitigation measures assured in the Comprehensive EMP should be implemented along with all the other quarries within 500m radius.**
- 5. All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.**
- 6. Special care should be taken for draining the overland flow from the northern flank of the site to prevent any risk of landslide or landslip in that portion of the site.**
7. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are *Phyllanthus emblica* (Nelli), *Syzygium cumini* (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleichera oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.
8. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
9. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
11. The haulage road should be provided with sprinkling facility to prevent dust pollution.
12. 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.
13. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).

14. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
15. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
16. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
17. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
18. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
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 5.00 pm).*
20. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
21. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
22. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
23. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
24. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*

25. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
26. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
27. *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.*
28. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
29. *Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
30. *The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*

31. *In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
32. *The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
33. *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 Ordinary Earth Excavation Project of Sri. Kuriakose for an area of 76.10 Ares (0.7610 Ha) at Sy Nos. 227/1-37, 227/1-8, 227/1-8-2 in Valakam Village, Muvattupuzha Taluk, Ernakulam.

(SIA/KL/MIN/482927/2024)

Sri. Kuriakose K M, Kayyanickal, Kunnackal P.O, Valakam, Muvattupuzha, Ernakulam submitted an Environmental Clearance application for the proposed Ordinary Earth Excavation Project for an area of 76.10 Ares (0.7610 Ha) at Sy. Nos. 227/1-37, 227/1-8, 227/1-8-2 in Valakam Village, Muvattupuzha Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 169th SEAC meeting heard the presentation. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the SEAC in its 178th meeting recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 1 (One) year, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.***
4. ***The depth of mining should be limited to 2m below ground level.***
5. *The excavation activity should not involve blasting.*
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 agriculture and other useful purposes.*
8. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
10. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
11. *Workers/laborers 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 the proposed excavation.*
13. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
14. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*

15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
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 5.00 pm)*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*

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 the Laterite Building Stone Quarry Project of Sri. Musthafa for an area of 0.1942 Ha at Block No. 06, Re-Sy No. 22/10-4 in Vazhayur Village, Kondotty Taluk, Malappuram.

(SIA/KL/MIN/484756/2024)

Sri. Musthafa, Palaiyil Thottolil House, Puthur Pallikkal P.O, Malappuram submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.1942 Ha at Block No. 06, Re-Sy No. 22/10-4 in Vazhayur Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC/ meetings held on different dates. Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 169th SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 1 year. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 1(One) year, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Ensure proper drainage and stagnation of water in the mine pit should be avoided.***

4. **The mining should be restricted to maximum depth of 6m bgl subject to limiting the depth 1 m above the lithomarge.**
5. **Proper benches should be provided at an interval of every 1.5 m.**
6. The excavation activity should not involve blasting.
7. The excavation activity should be restricted to 2m above the groundwater table at the site.
8. The excavation activity should not alter the natural drainage pattern of the area
9. The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.
10. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
11. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
12. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
13. Workers/laborers should be provided with facilities for drinking water and sanitation.
14. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
15. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
16. 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.
17. 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.
18. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.

19. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
20. 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 5.00 pm)
21. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.
22. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
23. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.
24. 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 Granite Building Stone Quarry Project of Sri. Abdul Rasack. P for an area of 0.9850 Ha at Block No.2, Survey No: 467/10 in Payyanad Village, Eranad Taluk, Malappuram.****(SIA/KL/MIN/485788/2024)**

Sri. Abdul Rasack. P, S/o Kunhali, Pattakal(H), Kizhakkekulamb, Vadakkangara (P.O), Mankada, Malappuram-679324 submitted an Environmental Clearance application for the Granite Building Stone Quarry for an area of 0.9850 Ha at Block No. 2, Survey No: 467/10 in Payyanad Village, Eranad Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 173rd SEAC meeting heard the presentation of the proposed project. The Project Proponent has submitted the NOC Irrigation Division, Malappuram vide order dated 11.12.2024 subjected to 12 conditions for a period of 1 year. As per the approved mining plan mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The depth of mining should be limited to 55m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining /***

issuing the lease or permit.

4. The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.
5. All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.
6. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are *Phyllanthus emblica* (Nelli), *Syzygium cumini* (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleichera oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.
7. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
8. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
9. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
10. The haulage road should be provided with sprinkling facility to prevent dust pollution.
11. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
12. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
13. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.

14. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
15. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
16. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
17. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
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 5.00 pm).*
19. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
20. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
21. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
22. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
23. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
24. *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 OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 26. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 27. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 28. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
- 29. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
- 30. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*

31. *The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
32. *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 Laterite Building Stone Quarry Project of Sri. Raghavan Unathil, for an area of 0.8094 Ha at Block No. 28, Re- Sy No. 228/101 in Kankol Village, Payyannur Taluk, Kannur
(SIA/KL/MIN/487592/2024)

Sri. Raghavan Unathil, Unathil, Pullupara, Eramam P.O Kannur- 670307 submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.8094 Ha at Block No.28 Re- Sy No. 228/101 in Kankol Village, Payyannur Taluk, Kannur.

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 project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 170th SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The mining should be restricted to maximum depth of 85m AMSL considering the depth to water table, subject to limiting the depth 1 m above the lithomarge.***
4. ***Proper benches should be provided at an interval of every 1.5 m.***
5. *The excavation activity should not involve blasting.*
6. *The excavation activity should be restricted to 2m above the groundwater 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 agriculture and other useful purposes.*
9. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
10. *Measures should be taken to prevent dust emissions by covering 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 the excavation of earth.*
12. *Workers/laborers 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 the proposed excavation.*
14. *A minimum distance of 50m 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 within 6 months from the date of EC.*
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 5.00 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 should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *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 Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*

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

Item No.21 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Subramanian K, for an area of 0.8093 Ha at Survey No: 65 in Anakkara Village, Pattambi Taluk, Palakkad.**
(SIA/KL/MIN/483628/2024)

The Authority perused the proposal and noted the decisions of 178th SEAC meeting. There is complaint filed by Devadas V. and others vide letter dated 5.12.2024 which alleged that the PP had committed unauthorized mining from the nearby areas up to a depth of 7 to 9m and the pits are stagnated with water causing environmental issues.

Considering this, the SEAC recommended to get a report from the Mining and Geology Department. The SEIAA Secretariat shall get the report from the Mining and Geology Department and submit to the SEAC for further appraisal.

Item No.22 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Balakrishna Poojary, for an area of 0.3885 Ha at Sy Nos. 119/1 in Adhur Village, Kasaragod Taluk, Kasaragod**
(SIA/KL/MIN/488468/2024)

Sri. Balakrishna Poojary, Kodamugadhe (H), Kakkebettu (P.O) Mulleriya (Via), Kasaragod - 671543 submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.3885 Ha at Survey Nos.119/1 in Adhur Village, Kasaragod Taluk, Kasaragod.

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 project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 171st SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. **The mining should be restricted to maximum depth of 4m bgl, subject to limiting the depth 1 m above the lithomarge.***
- 4. **Proper benches should be provided at an interval of every 1.5 m.***
- 5. The excavation activity should not involve blasting.*
- 6. The excavation activity should be restricted to 2m above the groundwater 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 agriculture and other useful purposes.*
- 9. Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
- 10. Measures should be taken to prevent dust emissions by covering 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 the excavation of earth.*
- 12. Workers/laborers 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 the proposed excavation.*
14. *A minimum distance of 50m 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 within 6 months from the date of EC.*
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 5.00 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 should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *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 Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No. 23

**Environmental Clearance for the Ordinary Earth Project of Sri. Benny C. Cherian for an area of 0.7243 Ha at Sy Nos. 227/1pt, 227/2pt in Valakam Village, Muvattupuzha Taluk, Ernakulam.
(SIA/KL/MIN/489897/2024)**

Sri. Benny C Cherian, Nellangal House, Valakam, Muvattupuzha, Ernakulam submitted an Environmental Clearance application for the proposed Ordinary Earth Project for an area of 0.7243 Ha at Survey No. 227/1pt, 227/2pt in Valakam Village, Muvattupuzha Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form-1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 171st SEAC meeting heard the presentation. As per the approved mining plan the mine life is 1 year. After the due appraisal, the SEAC in its 178th meeting recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 1 (One) year, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. **The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.***
- 4. **The depth of mining should be limited to 2m below ground level.***
- 5. The excavation activity should not involve blasting.*
- 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 agriculture and other useful purposes.*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
- 9. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
- 11. Workers/laborers 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 the proposed excavation.*
- 13. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
- 14. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*

15. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
16. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
17. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
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 5.00 pm)*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*

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

Item No.24

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Balakrishnan M. P., for an area of 0.3743 Ha at Block No. 29, Re-Sy No. 35/2 in Eramam Village, Payyannur Taluk, Kannur.

(SIA/KL/MIN/490193/2024)

Sri. Balakrishnan M. P., Moorikkal, Padhinhattayil House, Kannapallipoyil, Eramam P.O., Kannur - 670307 submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.3743 Ha at Block No. 29, Re-Survey No. 35/2 in Eramam Village, Payyannur Taluk, Kannur.

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 project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 171st SEAC meeting heard the presentation of the proposal. As per the approved mining plan the mine life is 3 years. After the due appraisal, the SEAC in its 177th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*

3. *The mining should be restricted to maximum depth of 3m below ground level considering the depth to water table, subject to limiting the depth 1 m above the lithomarge.*
4. *Proper benches should be provided at an interval of every 1.5 m.*
5. *The excavation activity should not involve blasting.*
6. *The excavation activity should be restricted to 2m above the groundwater 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 agriculture and other useful purposes.*
9. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
10. *Measures should be taken to prevent dust emissions by covering 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 the excavation of earth.*
12. *Workers/laborers 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 the proposed excavation.*
14. *A minimum distance of 50m 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 within 6 months from the date of EC.*
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 5.00 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 should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *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 Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.25

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K P Siyad, Managing Director, M/s Kunnathan Granites Pvt Ltd for an area of 0.9978 Ha at Survey Nos. 320/1A-66T-1, 320/1A-66T-1-2, 320/1A-66T-1- 3, 320/1A-89/15-5, 320/1A-89/15-6, 320/1A-66T-1-3 & 320/1A-66T-1 in Kottappady Village, Kothamangalam Taluk, Ernakulam.

(SIA/KL/MIN/491075/2024)

Sri. K P Siyad, Managing Director, M/s Kunnathan Granites Pvt Ltd, Plamudy P.O, Kottappady ,Ernakulam - 686692 submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 0.9978 Ha at Survey Nos. 320/1A-66T-1, 320/1A-66T-1-2, 320/1A-66T-1- 3, 320/1A-89/15-5, 320/1A-89/15-6, 320/1A-66T-1-3&320/1A-66T-1 in Kottappady village, Kothamangalam taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the project based on Form-2, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 175th SEAC meeting heard the presentation of the proposed project. The PP submitted application (No. WL/KL/MIN/QRY/491987/2024) for Wildlife Clearance since the Thattekad Bird Sanctuary is located within 10 km from the site. As per the approved mining plan mine life is 3 years. After the due appraisal, the SEAC in its 178th meeting, recommended EC for the mine life of 3 years, subject to certain Specific Conditions in addition to the General Conditions after obtaining NOC from Irrigation Department.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, subject to the production of NOC from the Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 dated 19.04.2024.

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 as per 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The depth of mining should be limited to 60m above MSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
- 4. The mitigation measures assured in the Comprehensive EMP should be implemented along with all the other quarries within 500m radius.*
- 5. Since the project area located within 10 km radius of Thattekad Bird Sanctuary, the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining.*
- 6. The 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.*
- 7. Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Ernakulam and Department of Industries GoK, besides others for information and necessary further action.*
- 8. Copy of the EC shall be marked to Wildlife Warden and to the District Geologist. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.*
- 9. Development of green belt should be initiated prior to the commencement of mining*

using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.

- 10. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
- 11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
- 12. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
- 13. The haulage road should be provided with sprinkling facility to prevent dust pollution.*
- 14. 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.*
- 15. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
- 16. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
- 17. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 18. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
- 19. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak*

Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

- 20. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
- 21. 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 5.00 pm).*
- 22. Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
- 23. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
- 24. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
- 25. Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
- 26. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 27. 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.*
- 28. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise.*

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

- 29. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 30. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 31. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
- 32. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such conditions should be planted and maintained.*
- 33. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
- 34. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
- 35. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

SEIAA Secretariat is directed to inform the Project Proponent to submit NOC from the Irrigation Officer of Irrigation Department as clarified in the circular dated 19.11.2024 of the Chief Engineer, Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.

PARIVESH FILES (Ver-2)

PART-2

Item No.01 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Noushad C. K. for an area of 0.3480 Ha at Block No. 14, Re-Sy Nos. 202/1-2, 202/3-4 in Muthuvallur Village, Kondotty Taluk, Malappuram**
(SIA/KL/MIN/493349/2024)

Sri. Noushad C K, Kanjirathingal House, Valiyaparambu, Pulikkal P.O, Malappuram submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.3480 Ha at Block No. 14, Re-Sy Nos. 202/1-2, 202/3-4 in Muthuvallur Village, Kondotty Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form 1, Pre-Feasibility Report, Mining Plan, and the additional details/documents obtained from the Project Proponent during appraisal. The 175th SEAC meeting heard the presentation of the proposal. As per the approved mining plan, the mine life is 2 years. After the due appraisal, the SEAC in its 178th meeting, recommended EC for the mine life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

In the above circumstances, the Authority decided to issue Environmental Clearance for the project life of 2 (Two) years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***The Project Proponents should implement the comprehensive EMP by considering the adjacent project proposals.***
4. ***Proper benches should be provided at an interval of every 1.5 m.***
5. *The excavation activity should not involve blasting.*
6. *The excavation activity should be restricted to 2m above the groundwater 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 agriculture and other useful purposes.*
9. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
10. *Measures should be taken to prevent dust emissions by covering 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 the excavation of earth.*
12. *Workers/laborers 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 the proposed excavation.*
14. *A minimum distance of 50m 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 within 6 months from the date of EC.*
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 5.00 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 should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *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 Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the*

project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No.02

Environmental Clearance for the Residential cum Commercial Building and Construction project of Kerala State Housing Board at Survey Nos. 1176/1-2, 1176/2-2 & 2498 in Marine Drive, Ernakulam Village, Kochi Municipal Corporation, Kanayannur Taluk, Ernakulam.

(SIA/KL/INFRA2/491168/2024)

The Executive Engineer, Kerala State Housing Board, Ernakulam Division, Fifth Floor, Revenue Tower, Park Avenue Road, Ernakulam, submitted an application for Environmental Clearance for the proposed Residential cum Commercial Building Construction project of Kerala State Housing Board at Survey Nos. 1176/1-2, 1176/2-2 & 2498 in Marine Drive, Ernakulam Village, Kochi Municipal Corporation, Kanayannur Taluk, Ernakulam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the project based on Form 1, Field Inspection Report and the additional details/documents obtained from the Project Proponent during appraisal. The 172nd SEAC meeting heard the presentation of the proposed project and the Field Inspection was conducted on 26.10.2024. The Project Proponent submitted proof application for obtaining Wildlife Clearance (No. WL/KL/INFRA/491140/2024) vide dated 03.08.2024 since the Mangalavanam Bird Sanctuary is located at 0.22 km.

The PP submitted revised CER proposal with an estimated budget of 294 Lakhs. As per the additional documents submitted dated 18.12.2024, the parking facility is proposed for 704 cars and 2,640 sq. m. for two wheeler parking. The NOC is received from the Airports Authority of India vide letter dated 30.10.2024 since the Naval Base Airport is at a distance of 4 km. The PP has made provision for electrical charging facilities for electrically operated vehicles, 71 cars, i.e., 10% of the mandatory parking. As per the application, the total plot area is 1.2809 ha. (12,809 sq. m) and the total built-up area is 77,804 sq. m. After due

appraisal, the SEAC in its 177th meeting recommended EC for 10 years for the proposal subject to the FAR permissibility and following specific conditions in addition to the general conditions.

In the above circumstances, the Authority accepted the recommendation of 177th SEAC meeting and decided to issue Environmental Clearance for the construction of Residential cum Commercial Building project for a period 10 years (as per O.M. dated 13.12.2022) subject to the following Specific Condition in addition to the General Conditions:

- 1. The validity of EC is subject to the condition that the FAR of the project shall not exceed the permissible limit. The Chief Town Planner should ensure that FAR of the project is within the permissible limit.*
- 2. The provision for parking for differently-abled citizens as specified in KMBR / KPBR shall be provided.*
- 3. Green belt shall be maintained minimum at a rate of 1 tree per every 80 sq. m as stated in the Appendix XIV of EIA Notification 2006 (SO 3099 (E) dated 09.12.2016).*
- 4. Common provision for EV charging facility shall be provided.*
- 5. Since the project area located within 10 km radius of Mangalavanam Bird Sanctuary, the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining.*
- 6. The 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.*

7. *Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Ernakulam and Department of Industries GoK, besides others for information and necessary further action.*
8. *Copy of the EC shall be marked to the Wildlife Warden of Mangalavanam Bird Sanctuary and to the Environmental Engineer, KSPCB. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.*
9. *Adequate sources for water to meet the requirement during construction and operational phase is to be ensured and details should be given in HYCR.*
10. *The excavation of earth for construction should be limited to minimum and the activity should not affect the water sources of the nearby houses.*
11. *The CER expenditure proposed and agreed by the Project Proponent should be expended through a separate bank account and the account statement and the beneficiary list should be uploaded along with Half Yearly Compliance Report.*
12. *The proposed STP with MBBR technology and Tertiary Treatment should enable and ensure the re-use /recycle of treated water to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local ground water.*
13. *Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.*
14. *Project Proponent must ensure that only filtered overland drain is discharged to the nearby natural drain.*
15. *The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. 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).*

16. *Climate responsive design as per Green Building Guidelines in practice should be adopted.*
17. *The green building criteria notified in the GO (Ms) No. 39/2022/LSGD dated 25.2.2022 should be adopted.*
18. *Appropriate greening measures should be adopted on the ground as well as over built structure such as roofs, basements, podiums etc.to reduce the urban heat effect of civil structures.*
19. *Exposed roof area and covered parking should be covered with material having high solar reflective index.*
20. *Building design should cater the needs of differently-abled citizens.*
21. *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.*
22. *Design of the building should comply with Energy Building Code as applicable.*
23. *Energy conservation measures as proposed in the application should be adopted in total.*
24. *Buildings should be barricaded with GI sheets of 6 m. (20 feet) height so as to avoid disturbance to other buildings nearby during construction.*
25. *Construction work should be carried out during day time only.*
26. *All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.*
27. *All vehicles carrying construction materials should be fully covered and protected.*
28. *All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.*
29. *Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.*

30. Occupational health safety measures for the workers should be adopted during the construction.
31. All vehicles during the construction phase should carry PUC certificate.
32. D.G. set should be provided with adequate stack height and regular maintenance should be carried out before and after the construction phase and would be provided with an acoustic enclosure.
33. Green belt should be developed along the periphery of the site with indigenous species.
34. Usage of energy saving 5 star rating equipment such as BLDC fans and LED lamps should be promoted as part of energy conservation. **At least 20% of the energy requirement shall be met from solar power.**
35. Adequate measures should be adopted to harvest the rainwater.
36. 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.
37. Open space shall be provided as per the building norms without being utilized for any other constructions.
38. 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.
39. 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.

40. 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.

41. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that project site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

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

Item No.03

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. P. T. V Musthafa for an area of 2.170 Ha at Block No: 04, Re-Sy No. 368/2A-44 in Arakkuparambu Village, Perinthalmanna Taluk, Malappuram.
(SIA/KL/MIN/503832/2024)**

Sri. P.T.V. Musthafa, Proprietor, M/s P.T.V Granites, Nattukal P.O, Mannarkkad, Palakkad - 678583 submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry Project for an area of 2.170 Ha at Block No: 04, Re-Survey No. 368/2A-44 in Arakkuparambu Village, Perinthalmanna Taluk, Malappuram.

The Authority perused the proposal and noted the decision of 177th SEAC meeting. As per Google Imagery, there are 2 quarry proposals adjacent to the proposed site. A quarry seen on the southern side of the proposed project site was operational during September 2024, revealing cluster condition and a Quarry Proposal No. SIA/KL/MIN/439323/2023 owned by the same Project Proponent for an area of 0.9900 Ha, is under consideration of SEIAA. Considering the quarries within 500m radius, the cluster of the area comes more than

5 Ha and the cluster certificate suppressed the facts regarding those projects which are currently working and those that are issued with LoI. Hence the 177th SEAC meeting recommended rejection of the project proposal, considering requirement of EIA study and suppression of facts.

Under these circumstances, the Authority accepted SEAC's recommendation and decided to reject the present application. Rejection order shall be issued to the Project Proponent, citing all the reasons for rejection.

Item No.04 ToR for the proposed Granite Building Stone Quarry Project of Sri. Mirshad C. K. for an area of 1.4145 ha at Sy Nos. 67/258, 67/259, 67/89, 67/90, 67/84, 67/92 in Kakkad Village, Kozhikode Taluk, Kozhikode
(SIA/KL/MIN/513608/2024)

Sri. Mirshad. C. K., Charalikkunath House, Kuniyil, Kizhuparamb Post, Areekode, Malappuram - 673639 submitted application for ToR for the Granite Building Stone Quarry project for an area of 1.4145 ha at Survey Nos. 67/258, 67/259, 67/89, 67/90, 67/84, 67/92 in Kakkad Village, Kozhikode Taluk, Kozhikode.

The Authority perused the ToR proposal and noted the decisions of 177th SEAC meeting. As per the application, mineable resource is 3,07,295 MT for 5 years. The Cluster Certificate dated 12.07.2024 indicates cluster condition. The elevation of the area varies between 240m AMSL to 270m AMSL. The project cost is given as Rs. 2.60 Crores. The proposed area is located at distance of 7.85 km from the high hazard zone. The distance to medium hazard zone as per the Google map is 42m from the project boundary. After due appraisal the SEAC in its 177th meeting recommended Standard ToR under Category 1 (a) Mining of Minerals.

The Authority decided to approve the Standard Terms of Reference under Category 1 (a) Mining of Minerals.

Item No.05

ToR for the proposed Granite Building Stone Quarry of Sri. Alwin John Skariah, M/s. Hanan Rock Products Pvt. Ltd., for an area of 6.4799 H, at Block No: 33, Re-Sy Nos: 451, 451/1-1, 451/1-2, 452/3, 452/4, 452/4-1, 452/5, 452/5-1, 456/6, 456/7, 457/1, 457/1-1, 457/1-2, 457/1-4, 457/2-1 in Kottangal Village, Mallappally Taluk, Pathanamthitta

(SIA/KL/MIN/504759/2024)

Sri. Alwin John Skariah, Managing Director, M/s. Hanan Rock Products Private Limited, Building No. 8/338, Angadi Grama Panchayath, Angadi, Ranni, Pathanamthitta-689674, submitted application for ToR application for the proposed Granite Building Stone Quarry project, for an area of 6.4799 Ha at Block No: 33, Re-Survey Nos: 451, 451/1-1, 451/1-2, 452/3, 452/4, 452/4-1, 452/5, 452/5-1, 456/6, 456/7, 457/1, 457/1-1, 457/1-2, 457/1-4, 457/2-1 in Kottangal Village, Mallappally Thaluk, Pathanamthitta.

The Authority perused ToR proposal and noted the decisions of 178th SEAC meeting. As per the PFR the mineral reserves propose is 35,71,479.38 MT. The life of mine is given as 10 years. The elevation of the area varies between 240m to 100m AMSL. The total project cost is give as 1061.9 lakhs. The project area fall under the moderate hazard zone and the PP obtained NOC from the District level Crisis Management Group dated 14.10.2024 subjected to 6 remarks. After due appraisal the SEAC in its 178th meeting recommended Standard ToR under Category 1 (a) Mining of Minerals **with an additional study**.

The Authority decided to approve the Standard Terms of Reference with an additional study on landslide susceptibility.

Item No.06

ToR for the proposed Granite Building Stone Quarry Project of M/s M. K. N. Bricks and Blue Metals (P) Ltd for an area of 4.9800 ha at Block No. 18, Sy Nos. 86/7, 83/25, 83/12-1, 83/13-1-1, 84/2-3, 84/2, 84/2-5, 84/2- 6, 84/2-4, 84/2-2, 84/2-1, 84/1, 84/6, 84/5, 84/16, 84/17, 84/18, 84/19, 80/1, 80/1-1, 80/14, 80/12, 80/12-1, 80/11, 80/8-3, 80/8-4, 80/8-1, 80/8-1-1, 80/13 in Anad Village, Nedumangad Taluk, Thiruvananthapuram.

(SIA/KL/MIN/516940/2025)

Sri. M. K. Nassarudeen Musaliar, Managing Director, M/s M. K. N. Bricks and Blue Metals (P) Ltd., Meenmood, Irinjayam PO, Nedumangad-695561, submitted application for ToR for the Granite Building Stone Quarry project for an area of 4.9800 ha at Block No. 18 Survey Nos. 86/7, 83/25, 83/12-1, 83/13-1-1, 84/2-3, 84/2, 84/2-5, 84/2- 6, 84/2-4, 84/2-2, 84/2-1, 84/1, 84/6, 84/5, 84/16, 84/17, 84/18, 84/19, 80/1, 80/1-1, 80/14, 80/12, 80/12-1, 80/11, 80/8-3, 80/8-4, 80/8-1, 80/8-1-1, 80/13 in Anad Village, Nedumangad Taluk, Thiruvananthapuram.

The Authority perused ToR proposal and noted the decisions of 178th SEAC meeting. As per the application, the mineable reserve is 13,46,442.5 T for a mine life of 10 years. The elevation of the area varies between 135m to 75m AMSL. The depth to water table is 9m below ground level. The high hazard zone is located at a distance of 14.07 km from the project boundary. The moderate hazard zone is located at 14.37 km from the proposed site. The project cost is 3.50 Crores. After due appraisal the SEAC in its 178th meeting recommended Standard ToR under Category 1 (a) Mining of Minerals with certain additional studies.

The Authority decided to approve the Standard Terms of Reference with the following additional studies:

1. Landslide susceptibility study.
2. Detailed transportation management plan.

Item No.07

Environmental Clearance for the Granite Building Stone Quarry of Shri. Jimmy Jose, for an area of 0.9950 Ha at Sy Nos. 318/2-2 & 318/2-3 in Vengannellur Village, Thalappilly Taluk, Thrissur.

(SIA/KL/MIN/517209/2025),

(Old Prop. No. SIA/KL/MIN/229494/2021, 2029/EC6/2022/SEIAA)

Sri. Jimmy Jose, Designated Partner, M/s Hilton Stones Aggregates LLP, submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry project for an area of 0.9950 Ha at Sy Nos. 318/2-2 & 318/2-3 in Vengannellur Village, Thalappilly Taluk, Thrissur.

The Authority perused the proposal and noted the decisions of various SEAC/SEIAA meetings held on different dates. The 149th SEIAA meeting verified the legal opinion of the Standing Counsel for SEIAA, a writ petition (WP(C) 10346 of 2023) is pending before the Hon'ble High Court regarding a land ceiling case. The a land ceiling case was intimated the District Geologist, Thrissur, stating that a quarrying permit can only be issued subject to the final outcome of the ceiling proceedings pending before the Taluk Land Board. Hence, the 149th SEIAA accepted the recommendations of SEAC and decided to issue EC for the project life of 3 (Three) years, subject to the following Specific Conditions in addition to the General Conditions after the production of NOC from the Irrigation Officer, Irrigation Department.

The Authority also by considering the request of the project proponent dated 07.01.2025 and found that the Condition No. 1 & 2 cannot be deleted and decided to adhere to its earlier decision of the SEIAA to issue the EC for the project life of 3 (Three) years.

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

- 1. The operation and validity of EC is subject to the final outcome of the WP(C) 10346 of 2023, which pending before the Hon'ble High Court regarding land ceiling case.**
- 2. District Geologist, Thrissur, shall issue the quarrying permit only after the final outcome of the land ceiling proceedings pending before the Taluk Land Board.**
- 3. The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and***

amendments thereby.

- 4. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 5. The depth of mining should not exceed 52m above MSL to prevent intersection with ground water table and the number of benches should be limited to 4 instead of 7. The mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
- 6. All the conditions in the NOC of the Irrigation Department are to be scrupulously followed.*
- 7. Since the project area located within 10km radius from the Peechi-Vazhani WLS the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining.*
- 8. The 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.*
- 9. Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Thrissur and Department of Industries GoK, besides others for information and necessary further action.*
- 10. Copy of the EC shall be marked to Wildlife Warden, Peechi-Vazhani WLS and to the District Geologist. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.*
- 11. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli),*

Syzygium cumini (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleichera oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.

12. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
13. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
14. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
15. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
16. *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.*
17. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
18. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
19. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
20. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
21. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*

22. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
23. *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 5.00 pm).*
24. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
25. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
26. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
27. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
28. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
29. *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.*
30. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the*

concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.

- 31. 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.*
- 32. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.*
- 33. Progressive closure of mined area shall be carried out as per the approved mining plan and closure activities carried out shall be mentioned in the HYCR for the relevant period.*
- 34. In the beginning of the last year of the EC period, the final closure plan has to be submitted and approved by the District Geologist within 6 months.*
- 35. The final closure of the quarry shall be carried out during the last 6 months of mining period and a closure certificate shall be produced to the Authority. No ECs shall be given to Project Proponent for the subsequent mining projects unless the final mine closure certificate issued by the District Geologist is produced for the previous projects, if any.*
- 36. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.08

ToR for the proposed Granite Building Stone Quarry of Sri. Tomy Abraham, for an area of 3.000 Ha at Sy Nos. 781/1-22-4, 781/1-22-4, 781/1-30, 781/1-24-176 in Athikkayam Village, Ranni Taluk, Pathanamthitta

(SIA/KL/MIN/508959/2024)

Sri. Tomy Abraham, Manimalethu House, Vechoochira - Post, Ranni, Pathanamthitta - 686 511, submitted application for ToR for the expansion of Granite Building Stone Quarry project for an area of 3.000 Ha at Survey Nos. 781/1-22-4, 781/1-22-4, 781/1-30, 781/1-24-176 in Athikkayam Village, Ranni Taluk, Pathanamthitta.

The Authority perused ToR proposal and noted the decisions of 178th SEAC meeting. As per the application, the mineable reserve is 13,47,460.00T for a mine life of 8 years. The elevation of the proposed area varies between 360m AMSL and 295m AMSL. Total cost of the project is about Rs 577.51 lakhs. As per the Google Imagery, the proposed project area falls under medium hazard zone. After due appraisal the SEAC in its 178th meeting decided to recommend Standard ToR under Category 1 (a) Mining of Minerals with an additional study.

Upon discussion, the Authority decided to approve the Standard Terms of Reference with an additional study on landslide susceptibility.

General Decisions

The Authority deliberated the following items and decided as follows:

1. Buffer distance for mining activities around the Reserve forest land

The Authority discussed the matter in detail and noted that there are EC applications where the project areas are in close proximity to RF/VF without consolidated boundaries. Upon verification, the Authority observed that, as per the KMMC Rules, 2015, it is stated that *“Provided further that in cases where explosives are used for quarrying, the permit holder shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line, any bridge, reservoir, tanks, residential buildings, monuments protected by Government, canals, rivers, public roads having vehicular traffic, other public works or the boundary walls of places of worship or 50 metres from any burial grounds or burning ghats or village roads or forest lands”* .

However vide amendment of the Rules dated 22.06.20217, the above clause was modified as *“the permit holder shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the Railway Administration concerned and, any bridge on National Highway, or 50 meters from any reservoir, tanks, residential buildings, boundary walls of places of worship, burial grounds, burning ghats or village roads, or one kilometre from the boundaries of National Parks or Wildlife Sanctuaries, except with the previous permission of the authorities concerned or Government or the competent authority”*.

It is noted that earlier, the Authority adopted a distance criteria of 100 meters from such forest areas for mining. Later, as per the KMMC Rules, 2015, it was reduced to 50 meters. However, vide the 2017 amendment, there is no such distance criteria from the boundary of forest land buffer. The omission of word forest may be a clerical error.

In Kerala, large extent of reserve forest and vested forests share boundaries with private land. From Ecosystem services point of view they are as good as National Parks and Sanctuaries. These forests are-unique ecosystems, rich in biodiversity and natural home for wildlife. To ensure the sustainability and protection these forests and to mitigate man animal conflict due to human interference, as it was already provided in KMMC Rules, 2015, at least a distance criteria of 50 mts from the boundary of reserve /vested forests shall be provided.

Authority noticed that in the absence of distance criteria from the boundary of RF/VF project proponents are submitting proposals in close proximity to VF/RF areas. Buffer zones are crucial for safeguarding the ecological health of vested and reserve forests from the adverse effects of mining. They are highly essential to reduce the adverse impact of mining on the forest ecosystem, biodiversity, air and water pollution, soil and water erosion, break of wildlife corridors, man animal conflict and other essential ecosystem services.

Considering these observations, the Authority decided to maintain a 50 m buffer from VF / RF areas for mining activities. It is also decided to request the Industries Department to take necessary action to reinstate the clause in the KMMC Rules, ensuring a buffer of at least 50 meters from the boundary of VF/RF areas for mining activities.

2. Action for mine closure activities - Discussion note for Collector's Conference chaired by Chief Secretary

The Authority observed that large number of quarries have been abandoned in the State without implementing the mine closure plan, even after the commencement of the KMMC Rules, 2015. Sections 58 to 62 and 65A of the KMMC Rules detail the requirements for a mine closure plan, the responsibilities of the lessee, the financial guarantee and the provisions under the District Mineral Foundation Rules, 2017.

As per the Rules, Project Proponents are obligated to implement mine closure activities. The Department of Mining and Geology must approve a scientifically prepared mine closure plan in the beginning of last year of EC and ensure its proper implementation before the end of last year of EC period. If the lessee fails to comply with mine closure obligations, the closure process, as envisaged in the District Mineral Foundation Rules, 2017, shall be enforced by District Collectors.

In a highly densely populated state of Kerala, the abandoned mine areas lead to significant safety threats, structural instability, local livelihood, ecosystem degradation, habitat destruction, air, water and soil pollution and socio-economic issues, affecting humans, domestic cattle and wildlife. As far as SEIAA is concerned, failure to close a quarry after mining activities constitutes a violation of EC conditions.

Considering the deteriorating environmental conditions caused by such abandoned mines, the Authority considers non-closed mines as **live quarries** in cluster assessments. Project proponents are directed to submit a TOR for EIA study and Public hearing if the total area, including non-closed mines within a 500-meter radius, exceeds 5 Ha as per the directions of Hon'ble NGT and MoEF&CC. It is learnt that about Rs. 100 Crore Mineral Development Fund remains unutilized with the District Collectors.

Considering all these factors, in the best interest of the state, the Authority decided to request the Chief Secretary to include the issue of mine closure specially the abandoned quarries as an agenda item in the Collector's Conference to ensure the scientific closure of mines as per KMMC Rules.

3. Issuance of Lease/Permit/ CTE/CTO for mining projects without valid EC after 15.01.2016

Despite these directions, the Authority has noticed that certain mining projects continue to operate without an EC while holding other statutory clearances and licenses, which is a violation and is ultra vires to the existing rules and norms.

In these circumstances, the Authority once again decided to request the Mining and Geology Department, KSPCB, and LSGD Departments not to issue any statutory licenses or consents to mining projects that do not possess the mandatory prior EC. If any such projects are still operating, their permissions must be canceled immediately.

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

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

**Sd/-
Sri. Mir Mohammed Ali IAS,
Member Secretary, SEIAA**