

**MINUTES OF THE 148th MEETING OF THE STATE LEVEL
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
KERALA,
HELD ON 27th and 28th SEPTEMBER 2024**

Present:

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

The 148th meeting of the SEIAA, Kerala was held on 27th and 28th September 2024. The meeting started at 10.30 A.M. Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala chaired the meeting, Sri. K.R. Jyothilal IAS, Member Secretary, SEIAA, and Sri. K. Krishna Panicker, Expert Member, SEIAA attended the meeting. The Authority considered the agenda for the 148th meeting and took the following decisions:

Physical Files

<u>Item No. 148.01</u>	Minutes of the 147th meeting of SEIAA held on 27th and 28th August 2024
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Noted

<u>Item No. 148.02</u>	Action Taken Report on 146th meeting of SEIAA held on 29th and 30th July 2024
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Noted

Item No. 148.03 **Status of Proposals Pending for 365 days placed for information and necessary action.**

Noted. The Authority decided to discuss the matter in detail in the next meeting.

Item No. 148.04 **Environmental Clearance issued to the M/s Prestige Hill Side Gate Way - Thrikkakara Municipality - Complaint received from Link Valley Association against M/s Prestige Hill side Gate Way project – Reply of Project Proponent to Show Cause Notice.**
(File No. 588/SEIAA/KL/4504/2014)

The Authority deliberated the item and noted the reply of the Project Proponent to the show cause notice. The Authority observed that the explanations submitted by the Project Proponent are not satisfactory. The compliance report submitted by the Project Proponent is vague and all the conditions especially the additional conditions are not properly addressed in the report. Authority also noticed that, the explanation sought from the Environmental Engineer is yet to be received. In addition to that, the O.A. No. 17 of 2023 is pending with the Hon'ble NGT.

In the above circumstances, the Authority decided the following.

- 1) The Authority decided to inform the Project Proponent that the reply given by him to the show cause notice is not satisfactory. The Project Proponent is directed to furnish detailed reply on the actions taken to comply the original EC conditions and the additional conditions imposed after the field inspection by SEAC.
- 2) The Project Proponent to furnish documentary proof on the authenticity of independent Expert who assessed the STP installation to prove the competency of the agency.
- 3) Direct the Environmental Engineer, KSPCB, Ernakulam to furnish the report sought within fifteen days. The matter may also be brought to the notice of Chairman KSPCB.
- 4) The legal officer to follow up the OA pending in Hon'ble NGT.

Item No. 148.05

Environmental Clearance issued to the Granite Building Stone Quarry of Sri. N.A Thomas for an area of 0.9668 Ha at Sy Nos: 372/1A/3/8, 372/1A/4/9 & 372/1A/4/9 in Kottappady Village, Kothamangalam Taluk, Ernakulam – Letter from District Geologist on the basis of report from DFO, Malayattoor Division.

(SIA/KL/MIN/131683/2019, 1813/EC3/2020/SEIAA)

(New File No. 2178/EC1/2024/SEIAA)

The Authority perused the item and noted the letter dated 14.08.2024 of District Geologist, Ernakulam intimating that the DFO reported that the air distance from the quarry to the Thattekkad Bird Sanctuary and the nearest forest boundary are 7 km and 170m respectively. It is also reported that considering the closest distance to the quarry boundary from the forest the working of quarry may affect the existence of the animals in the Kottappara forest area and ecosystem.

Authority noticed that a conditional EC was given to Project Proponent in which it was made specifically clear that Project Proponent shall not commence the mining operations without getting clearance from SCNBWL as per OM dated 17.05.2022 issued by MoEF&CC, in obedience to the direction of Hon'ble Supreme Court dated 26.04.2023 in IA 13177 of 2022. Taking enough precautions to safe guard the environment in the project region, the copies of the EC were marked to all concerned responsible agencies for necessarily follow up action.

It is pertinent to note that the project area is located at a distance of 7 km from the world-famous biodiversity rich Salim Ali Thettakad Bird Sanctuary, known for its rich avifauna with more than 260 species of birds reported. The surrounding forest area is also highly prone for man animal conflict which is on the rise in the project region due to human interference, posing threat to life and property.

Now it is brought to the notice of the Authority that the Project Proponent has commenced the mining operation in such an ecological sensitive region with utter disrespect to conditional EC issued with a caution that he should not start mining operations without getting clearance from SCNBWL. It is also brought to the notice of the Authority that few other Project Proponents in the state have also misused the provisions of conditional ECs given. This kind of utter disrespect to directions of the Authority calls for stringent action against such perpetrators to safeguard ecological integrity of the state.

Under the circumstances, the Authority decided the following:

1. Issue stop memo to Project Proponent with a direction to stop all mining operations with immediate effect.
2. Issue show cause notice to Project Proponent to explain within 15 days as to why the conditional EC issued to him should not be cancelled, as the Project Proponent has blatantly violated the conditions stated in the EC to get the mandatory wildlife clearance.
3. District Geologist shall explain the circumstances under which he/she issued transport permits though it was specifically mentioned in the copy of the conditional EC issued to him that no mining shall be permitted without obtaining clearance from SCNBWL. He / She is directed not to issue any further transport permits.
4. Director, Department of Mining & Geology is requested to take appropriate action against the District Geologist so that such incidences are not repeated elsewhere in the state in future. The entire mining operation carried out so far should be treated as illegal and penalty shall be imposed and recovered as per KMMC Rules.
5. The PCCF & Chief Wildlife Warden is requested to ascertain the circumstances under which Concerned Wildlife Warden in Charge of Thettekad Bird sanctuary failed in preventing the mining operation within 10 km radius of Thettekad Bird sanctuary as mandated in OM dated 17.05.2022 issued by MoEF&CC, though a copy of the EC was marked him/her in which it was clearly mentioned that no mining shall be permitted without obtaining clearance from SCNBWL. The PCCF & Chief Wildlife Warden is also requested to take appropriate action against Wildlife Warden in Charge of Thettekad Bird sanctuary for dereliction of duty and disobedience of directions given by Authority.
6. Environmental Engineer, District Office, KSPCB shall explain the circumstances under which he/she issued CTE/CTO though it was specifically mentioned in the copy of the conditional EC issued to him that no mining shall be permitted without obtaining clearance from SCNBWL. He / She is directed to suspend the CTE/CTO with immediate effect.

7. Member Secretary, KSPCB is requested to take appropriate action against the Environmental Engineer so that such incidences are not repeated elsewhere in the state in future. The entire mining operation carried out so far should be considered as illegal and penalty shall be imposed and recovered as per EP Act, 1986.
8. Secretary, Kottappady Grama Panchayat is directed to suspend the licenses / permit issued to the said quarry with immediate effect. He / She shall explain the circumstances which leading to the issuance of permit / license to the Project Proponent without submitting the mandatory Wildlife Clearance.
9. DFO Malayattur to report his concerns as reported by District Geologist, Ernakulam in his letter dated 14.08.2024, to PCCF & Chief Wildlife Warden, so that his concerns are properly reflected in the application of the Project Proponent for clearance from SCNBWL for the consideration of SCNBWL.
10. The copies of the minutes shall be marked to all concerned for urgent follow up action.

Item No. 148.06 **Environmental Clearance issued to the Granite Building Stone Quarry of Sri. Deepak Cheerothy for an area of 0.9600 Ha at Sy. Nos: 171/2-2, 171/4 in Karukutty Village Aluva Taluk, Ernakulam – Amendment in EC Condition - Reg**
(SIA/KL/MIN/156655/2020, 1754/EC3/2020/SEIAA)
(New File No. 2176/EC1/2024/SEIAA)

The Authority perused the item and noted the letter dated 14.08.2024 of the Project Proponent requesting to amend the EC issued on 06.08.2023. The Project Proponent requested to amend the EC condition “*The ultimate mine depth should be limited to 70m above MSL instead of 60m above MSL*”. The Project Proponent stated that the ground level near the open well where the ground water depth was identified as 6m bgl is 56m AMSL and therefore the ground water table is at 50m AMSL. Hence the ultimate mine depth (60m AMSL) will not intercept the ground water table (50m AMSL).

The Authority noticed that the Expert Appraisal Committee put the said condition after verifying all the details including the depth to the water table i.e., 6m bgl at 69m AMSL. In the above circumstances, based on the observation and

recommendation of SEAC, the Authority decided not to amend the EC as per the request of the Project Proponent.

Item No. 148.07 **Environmental Clearance issued to the Granite Building Stone Quarry of Sri. Stephen Joseph, Managing Director, M/s Crystal Aggregates Pvt. Ltd for an area of 0.9108 Ha at Sy Nos: 508/3/2, 510/3B/2 in Thirumarady Village, Muvattupuzha Taluk, Ernakulam – Application filed by Sri. Jiji Varghese under Clause 8(6) of EIA Notification.**

(SIA/KL/MIN/434752/2023, 2417/EC1/2023/SEIAA)

The Authority deliberated the item and noted the complaint of Sri. Jiji Varghese dated 08.08.2024 to cancel the EC issued to M/s Crystal Aggregates Pvt. Ltd dated 18.06.2024. The Authority observed that the complaint is regarding the proximity of the project area to the irrigation and drinking water structures. The Authority noticed that the EC was issued without any specific condition to obtain NOC from the Irrigation Officer 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.

In the above circumstances, the Authority decided the following:

1. The Project Proponent should submit the NOC from the Irrigation 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
2. The Project Proponent is directed to stop all the mining activities till further orders from the SEIAA after verifying the NOC once it is received.
3. Intimate the District Geologist, Ernakulam, Environmental Engineer, KSPCB, Ernakulam and the Secretary, Thirumarady Grama Panchayat to suspend the licenses / permits till further orders.

Item No. 148.08

Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. K. Sadanandan in Sy Nos 143/2, 143/4, 144/1, 144/2, 144/3, 146/1, 146/2, 146/3, 147/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 148, 149/4 , 152/4, 152/5, 152/6, 152/7, 152/8, 152/9, 152/10, 152/11, 152/12, 152/13, 152/14, 152/15 at V-Kottayam Village, Konni Taluk, Pathanamthitta - Judgement dated 13.10.2023 in Appeal No 48 of 2022 (SZ) filed by Sri. Roy Thomas before the Hon'ble NGT & Judgment dated 21.02.2024 in WP(C) No. 2976/2024 filed by Sri. K. Sadanandan.

(File No. 200/SEIAA/EC4/86/2014)

The Authority deliberated the item and noted the letter dated 01.08.2024 of the Project Proponent and the letter dated 05.08.2024 of Sri. Roy Thomas, Chairman, Grama Reksha Samithi. The Authority noticed that vide judgment dated 21.02.2024 in WP(C) No. 2976/2024, the Hon'ble High Court upheld the decision of the Authority and directed that the SEAC to assess the environmental damage with notice to the petitioner. The Authority in its 146th meeting constituted a four-member Joint Committee to assess and quantify environmental damages.

In the above circumstances, the Authority decided the following:

1. The Joint Committee shall assess the environmental damages and submit the report within one month.
2. The Joint Committee shall hear the Project Proponent and the complainant during its meeting.
3. The requests of Project Proponent and the complainant shall be considered on receipt of the report of the Joint Committee.

SEIAA secretariat is directed to inform the Chairman, Joint Committee about the decision of the Authority immediately.

Item No. 148.09 **O.A No. 93 of 2024 (SZ) (Earlier OA No.770/2023(PB)) filed by Sri. Sajimon Joseph against the quarry activities of Sri. Thankachan Mathalikunnel before the Hon'ble NGT**
(File No.1068/EC4/2024/SEIAA)

The Authority deliberated the item and noted the interim report in O.A. No. 93 of 2023 received from the KSPCB and the complaint dated 26.08.2024 of Sri. Shaju Abraham against the quarry project. The petitioner stated that besides NONEL technology for blasting, the quarry owner uses other explosives for carrying out blasting. In addition, stated that the proposed quarry area is at a distance of 15 km from landslide affected area in Wayanad. The Authority on verification of the interim report of the Joint Committee observed that the Project Proponent has violated many of the EC conditions. The Authority noticed that the EC for the project was issued on 13.08.2019 from SEIAA for a period of 5 years and the validity of the same will be up to 12.08.2025 (including Covid relaxation).

In these circumstances, the Authority decided the following:

1. Issue stop memo with a show cause notice to get the explanation from the Project Proponent within 15 days as to why the EC given to him should not be cancelled.
2. The KSPCB shall assess the environmental damages due to non-compliance with the EC conditions and suggest suitable penal measures for environmental damages.
3. Mining and Geology Department shall take necessary action for violation as per KMMC Rules. The Department shall also inquire about any illegal mining happened in the area, and take appropriate action for violation of KMMC Rule 2015.

Item No. 148.10

Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. Aby Joy Pottas, Managing Partner, M/s Sion Exim Corp at Re-Sy No. 93 in Raroth Village, Thamarassery Taluk, Kozhikode

(File No. 1328/EC1/2019/SEIAA)

The Authority deliberated the item and noted the details submitted by the Project Proponent dated 17.07.2024. The Authority noticed that the Project Proponent has complied with all the directions of the 144th Authority meeting. It is also noted that even though the Project Proponent has created the website the details regarding the project is not seen uploaded.

In these circumstances, the Authority decided the following:

1. Direct the Project Proponent to upload all the details regarding the project on the website.
2. Direct the Project Proponent to strictly comply with all the EC and other permits/clearances conditions to avoid further complaints.
3. The action taken by the Authority shall be informed to the complainant.

Item No. 148.11

Environmental Clearance issued to the Granite Building Stone Quarry of M/s. Delta Aggregates & Sands Pvt. Ltd. for an area of 3.7691 Ha at Sy Nos. 889/1-15-1 & 889/1-15 in Perunad Village, Ranni Taluk, Pathanamthitta – Complaint received from Sri. Muhammed Muthulraj

(SIA/KL/MIN/163854/2020; 1773/EC1/2020/SEIAA)

The Authority deliberated the item and noted the remarks of the Project Proponent dated 05.09.2024 on the complaint of Sri. Muhammed Muthulraj. The Project Proponent also requested a chance for hearing before the Authority.

In these circumstances the Authority decided to hear the Project Proponent and the complainant Sri. Muhammed Muthulraj in its next meeting. The SEIAA Secretariat shall intimate the parties well in advance.

Item No. 148.12 **Complaint filed by Sri. Gautham S. against the private firm of Active Planet Entertainment in Vellom Village, Vadakara Taluk, Kozhikode.**

(File No. 2209/EC2/2024/SEIAA)

The Authority deliberated the item and noted the complaint of Sri. Gautham dated 05.09.2024 against the Active Planet Entertainment in Vellom Village, Vadakara Taluk, Kozhikode. The petitioner intimated that the establishment of Active Planet Entertainment has adversely affected the natural environment and the proposed area may prone to landslides. The EC for mining of ordinary earth for the project was issued from SEIAA with specific and general conditions. The Authority also noticed that the SEIAA Secretariat has already forwarded the complaint to the DC for report.

In the circumstances, the Authority decided to direct the complainant to approach the District Disaster Management Authority, Kozhikode.

Item No. 148.13 **Report received from National Public Grievances & Redressal Commission on TMT Granites Pvt. Ltd**

(File No. 1693/EC3/2024/SEIAA)

Environmental Clearance was issued for the quarry project of Sri. Tom George, Managing Director, M/s TMT Granites for an area of 4.8221 Hectares in Sy No. 232 and 411(pt) at Mangalam Dam Village, Alathur Taluk, Palakkad District vide order dated 23.04.2016. The validity of the same has expired on 22.04.2022.

The application for revalidation was appraised and SEAC observed noncompliance of certain EC conditions and recommended to take remedial measures before taking a decision on revalidation of the project. The Authority in its 132nd meeting held in September 2022 decided to inform the Project proponent to comply the recommendations of SEAC within three months. But there was no response from the Project Proponent till date.

Sri. Suresh Babu and Sri. K. Ponnan via e-mail dated 26.04.2021 filed complaint against M/s TMT Granites and requested to give stop memo and to conduct manual surveys

to access the illegal extraction of the rocks. This complaint was also considered by SEAC during its field visit and appraisal.

A local resident's complaint to the National Public Grievances and Redressal Commission prompted an independent investigation into TMT Granites Pvt Ltd's quarry operations. The area is ecologically sensitive due to its rich biodiversity. Lush forests like Karimkayam, Odenthode, and Kadappara provide habitat for diverse flora and fauna.

The NPGRC Team undertook an unbiased and thorough investigation of the resident's complaint. The team focused on assessing TMT Granites Pvt Ltd's compliance with legal regulations, safety protocols, and environmental management practices at their quarry operations.

The Authority discussed the inspection report of the National Public Grievances & Redressal Commission held on 07.06.2024. In the report, the Commission concluded that “M/s TMT Granites Pvt Ltd’s quarry operations uncovered serious breaches of legal, safety, and environmental regulations. These findings highlight the critical need for immediate corrective action to safeguard workers, the surrounding environment, and the local community. Implementing the recommended measures is essential to ensure the sustainable and responsible operation of the quarry, prioritizing both human and ecological well-being”.

The Authority noticed that the EC of M/s TMT Granites for an area of 4.8221 Ha at Sy. No. 232 and 411(pt) in Mangalam Dam Village, Alathur Taluk, Palakkad was expired on 22.04.2022 and the Project Proponent submitted an application for revalidation of the EC and as part of the appraisal the Sub-Committee of SEAC conducted field inspection on 05th May 2022. Further, in the 119th SEIAA meeting, the Authority observed that the Project Proponent has not complied with certain EC conditions and hence directed to comply with the conditions within 3 months and submit the compliance report. Further, as directed by the Hon’ble High Court in WP(C) No. 3439 of 2022 dated 22.03.2022 the application of revalidation of EC was disposed of, since the Project Proponent has failed to comply with the EC conditions.

In the above circumstances, the Authority decided the following:

1. Issue stop memo to Project Proponent with a direction to stop all mining operations with immediate effect, if he/she is still continuing the mining operations without valid EC. The Project Proponent shall submit the explanation for violation of EC conditions

within 15 days. A copy of the report of the National Public Grievance and Redressal Commission shall also be provided to the Project Proponent for his remarks.

2. The District Geologist, Palakkad, the Environmental Engineer, KSPCB, Palakkad and the Secretary, Vandazhy Grama Panchayat are directed to suspend the valid licenses / permits till further order from the Authority. A copy of the report of the National Public Grievance and Redressal Commission shall also be provided to all the parties.
3. SEAC to consider the report of the NPGRC and conduct a field inspection to assess the compliance status of the EC within one month and suggest appropriate measures to comply with the observations of NPGRC. If the mining operation was continued beyond EC period appropriate action shall also be proposed by SEAC.

Item No. 148.14 **Environmental Clearance for the Quarry Project of Sri. Muhammed Haji Moolayil at Sy No. 1293 & 238 in Ayyankunnu Village, Iritty Taluk, Kannur – (Judgment in WP (C) No. 13529/2021 filed by Sri. Muhammed Haji Moolayil, M/s Black Rock Crushers & Sand Making Industries Pvt. Ltd – (regarding the validity of EC)**

(File No. 928/SEIAA/EC4/3894/2015)

The Authority deliberated the item and noted the letter of the Project Proponent dated 12.08.2024 requesting two more months' time submit the compliance status as sought by the Authority in its 141st meeting. The Authority accepted the request of the Project Proponent and decided to grant a further period of 2 months to submit the compliance report subject to the condition that no further extension in this regard shall be issued. It is also decided that if the Project Proponent fails to comply with the conditions within the stipulated period, the revalidation request of the Project Proponent will be rejected.

Item No. 148.15

**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)**

Environmental Clearance was issued to Sri. Sibish Augustine, S/o K. J. Augustine, Kandathil House, Prapoyil P.O, Kannur as per order No. 1389/EC2/2019/SEIAA dated 11.07.2022 for the period of five years, for the quantity mentioned in the approved Mining Plan and extend the EC period to cover project Life of 10 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to the quarry project in Re.Sy.Nos.264/1, 295/6, 296/3, 296/4, 296/5, 297/1 at Vayakkara Village, Payyannur Taluk, Kannur, for an area of 1.0854 hectares

A mass petition was received on 21.10.2022, against the quarry operations of the project. The Authority verified the contents of Letter No. DCKNR/10843/2022- DM6 dated 19.10.2022 received from the District Collector, Kannur in this regard and found that the EC for the project was issued after observing all the formalities including field verification and informed the District Collector that as the Chairman of District Disaster Management Authority if he is of the opinion that the mining is likely to affect the project adversely, he shall forward a specific recommendation for cancellation of EC with supporting data/evidences

The Authority perused the item and noted the report of the District Collector, Kannur dated 24.08.2024 and the representation of the Project Proponent requesting to continue the quarry operations. The Authority noticed that as per the direction of the 141st SEIAA meeting, the District Collector constituted an Expert Committee to assess the environmental issues due to the quarrying activities. The observations of the members of the Expert Committee are also included in the report of the District Collector. In the report, the District Geologist mentioned that proposed project area is in high hazard zone. The District Collector, Kannur recommended to cancel the Environmental Clearance based on the report of the Expert Committee.

In the above circumstances, the Authority decided the following:

1. Issue stop memo to Project Proponent with a direction to stop all mining operations with immediate effect, if he/she commenced the mining operations.

2. Issue a show cause to the Project Proponent as to why the EC given to him should not be cancelled for the reason stated in the joint committee report. The Project proponent shall submit the explanation within 15 days. A copy of the report of the Joint Committee and the report of the District Collector shall also be provided to the Project Proponent.
3. The District Geologist, Kannur, the Environmental Engineer, KSPCB, Kannur and the Secretary, Cherupuzha Grama Panchayat are directed to suspend the valid licenses / permits till further order from the Authority.

Item No. 148.16 **Environmental Clearance issued to the Granite Building Stone Quarry project project of Sri. Muhammed Naha Salim, for an area of 0.8525 Ha of land at Re-Sy Nos. 370/1pt and 370/2pt in Vallichira Village, Meenachil Taluk, Kottayam - WP(C) No. 30737 of 2022 and WP (C) No. 25554 of 2022.**

(SIA/KL/MIN/134307/2019; 1671/EC3/2020/SEIAA)

The Authority deliberated the item and noted the Judgement of the Hon'ble High Court dated 19.04.2024 in WP(C) No. 4655 of 2024 and the order dated 22.05.2024 in WA No. 680 and 681 of 2024. The Authority noticed that to comply with the Judgement, the Irrigation Department has constituted a committee and conducted the field verification prior to scheduled date on 27.09.2024.

Under the circumstance, the Authority decided the following:

1. To await for the report from the Irrigation Department for further action.
2. Irrigation department should be reminded to submit the report on priority to comply with the directions of Hon'ble High Court in WP(C) 30737 by the Authority.

Item No. 148.17 **Environmental Clearance issued to the Granite Building Stone Quarry project of Sri. Abdullah M. S., M/s Hastone Granites Pvt. Ltd, for an area of 0.9986 Ha at Sy No. 112/11A3Pt in Balal Village, Vellarikund Taluk, Kasaragod**
(SIA/KL/MIN/136571/2020, 1745/EC2/2020/SEIAA)

Environmental Clearance was issued to the Granite Building Stone Quarry project of Sri. Abdullah M.S., M/s Hastone Granites Pvt. Ltd, for an area of 0.9986 Ha at Survey No. 112/11A3Pt in Balal Village, Vellarikund Taluk, Kasaragod on 21/02/2024.

A Complaint has been received on 14-09-2024 from Sri. Vinayan V.K. and others on the functioning of the quarry.

The Authority deliberated the complaint of Sri. Vinayan V. K. and other. They alleged possible pollution threat to the natural streams in the catchment area of Eramchitta *thodu*, which joins Vellarikundu *thodu*, a tributary to Thejaswini River. The stream is a drinking water source for the population residing in the valley of the hillock.

The Authority on deliberation decided the following:

1. The remarks on the complaint shall be obtained from the Project Proponent within month by providing a copy of the same
2. Report from the Irrigation Officer shall be obtained by providing the copy of the complaint.
3. Report from the Village Officer with certified survey map showing all the built structures and the streams in and around 200m radius of the project area shall be obtained by providing the copy of the complaint.
4. The Project Proponent to ensure that the reports of the Executive Engineer, Irrigation Department and the Village Officer, Balal Village, Vellarikund Taluk are also received in time.

Item No. 148.18 **Environmental Clearance for the Granite Building Stone Quarry Project of M/s Megha Engineering & Infrastructures Ltd at Re-Sy Nos. 74/772, 74/151, 74/154, 74/152, 74/1D of Kuttur Village, Payyannur Taluk, Kannur**
(SIA/KL/MIN/269091/2022; 1975/EC4/2022/SEIAA)

The Authority deliberated the item and noted the hearing note submitted by the Project Proponent on 12.09.2024. The Project Proponent informed that he has not violated any of the EC conditions and has not carried out any quarry operations. He also informed that no explosives were used till now and no rocks were transported from the site. The soil was removed as part of the safety and is dumped in the specified yard area in the project area. In addition to this, the Project Proponent intimated that he had paid fine for the illicit extraction of laterite building stone.

The Authority on deliberation decided the following:

1. The SEAC to consider all reports and complaint and inspect the project area and verify the compliance status of the EC by considering the reply of the Project Proponent, averments of the complainant specially the existence of cluster situation and mining without a valid mining lease and the report of the District Geologist.
2. Further decision will be taken only after receiving a report from SEAC after a field inspection with notice to District Geologist, Complainant and Project Proponent. Copies of both the hearing notes should be made available to SEAC.

Item No. 148.19 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Prakasan C.V. for an area of 0.1944 Ha at Block No. 70, Re-Sy Nos. 49/689, 49/1039 in Nidiyenga Village, Thaliparamba Taluk, Kannur**
(SIA/KL/MIN/447673/2023, 2416/EC4/2023/SEIAA)

The Authority deliberated the item and noted the earlier decisions of SEIAA / SEAC. After due appraisal, the SEAC in its 169th meeting recommended EC for the project. The Authority noticed that as the proposal was earlier rejected by SEIAA in its 142nd meeting, the status of present application in the PARIVESH Portal is '**Rejected**'. As per PARIVESH

norms the application cannot reprocessed for the issuance of EC if it is already rejected once. Hence, to issue the EC, the Authority directed the Project Proponent to submit fresh application in PARIVESH 2.0 with all the documents submitted with the earlier application. The SEAC shall give due priority to this project.

Item No. 148.20 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Prakasan C. V. for an area of 0.0972 Ha at Bock No.070, Re-Survey No. 49/336 of Nidiyenga Village, Thaliparamba Taluk, Kannur.**
(SIA/KL/MIN/448853/2023, 2413/EC4/2023/SEIAA)

The Authority deliberated the item and noted the earlier decisions of SEIAA / SEAC. After due appraisal, the SEAC in its 169th meeting recommended EC for the project. The Authority noticed that as the proposal was earlier rejected by SEIAA in its 142nd meeting, the status of present application in the PARIVESH Portal is '**Rejected**'. As per PARIVESH norms the application cannot reprocessed for the issuance of EC if it is already rejected once.

Hence, to issue the EC, the Authority directed the Project Proponent to submit fresh application in PARIVESH 2.0 with all the documents submitted with the earlier application. The SEAC shall give due priority to this project.

Item No. 148.21 **Environmental Clearance issued by DEIAA to M/s Manikampara Granites – Judgement in WP (C) No. 29023/2019 filed by Manikampara Granites Pvt Ltd.**
(File No. 4089/A2/19/SEIAA)

The Authority perused the item and noted the judgement dated 23.01.2020 in WP (C) No. 29023 of 2019 filed by M/s Manikampara Granites Pvt Ltd., the hearing note dated 06.09.2024 and report of the Sub-Collector, Thrissur dated 01.06.2024. The Sub-Collector reported that the Thekkumkara Grama Panchayat issued the licence based on the direction of Hon'ble Court in WP(C) No. 29023 of 2019. The Authority noticed that the SEAC conducted the field inspection on 01.02.2020 and the 104th SEIAA accepted the recommendation of SEAC in the field verification report regarding the ecological fragility of the area.

The Authority noticed that the Environmental Clearance was issued by DEIAA, Thrissur on 07.12.2018 and as per the O.M dated 07.05.2024 the continuance of mining all

over India under mining leases executed on the basis of EC granted by DEIAA after 13.09.2018 is prohibited unless the EC was reappraised by the respective SEIAA. In this case, neither the Project Proponent has applied for reappraisal of EC nor for fresh EC. The explanation submitted the Project Proponent cannot be considered on the basis of the O.M dated 07.05.2024 of MoEFCC.

In the above circumstances, the Authority decided the following:

1. The EC issued by DEIAA, Thrissur on 07.12.2018 is cancelled with immediate effect. The Project Proponent has the liberty to submit fresh application for fresh EC, if he desires to continue the mining.
2. The District Geologist, Thrissur, the Environmental Engineer, KSPCB, Thrissur and the Secretary, Thekkumkara Grama Panchayat shall take appropriate action to cancel all the permits/ licenses / NOCs issued from the respective departments with immediate effect. (Provide a copy of OM dated 7-5-2024 to all concerned)
3. The SEIAA, Secretariat shall intimate the decisions to the District Collector, Thrissur to ensure the implementation of the direction of SEIAA.

Item No.148.22 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Sajeev S. for an area 4.1792 Ha at Sy Nos: 302/152, 302/1/157, 302/1/158, 302/1/161, 302/1/159, 302/1/46/378, 302/1/46, 302/1/46/330/384, 302/1/46/330 in Vilakkudy Village, Pathanapuram Taluk, Kollam.**

(SIA/KL/MIN/453327/2023, 2470/EC1/2023/SEIAA)

The Authority deliberated the item and noted the request of the Project Proponent dated 13.07.2024, 23.07.2024 and 14.08.2024. The Authority noticed that SEAC in its 166th meeting considering the cluster condition recommended ToR to conduct EIA and public hearing. The 146th SEIAA meeting accepted the recommendation of SEAC and directed the Project Proponent to apply for ToR. Now the Project Proponent intimated that one of the quarry in the cluster owned by Sri. Sundaran submitted mine closure plan and the District Geologist has approved the same.

The Project Proponent also submitted an affidavit stating that quarry operations will be started only after completing the implementation of the mine closure plan of the quarry of Sri. Sundaran.

On deliberation, the Authority is of the opinion that as the quarry owned by Sri. Sundaran has not been closed as per the approved mine closure plan, the cluster condition prevails and the Project Proponent has to submit ToR application to conduct EIA. Therefore, the Authority decided to adhere to its 146th meeting decision.

Item No.148.23 Environmental Clearance for the Group Housing Project, GREEN VISTAS – “PRAKRITI” of Sri. Saurabh Gulechha, Chief Operating Officer, M/s Green Vistas Infrastructure Projects at Re-Sy Nos. 359/3 in Kakkanad village, Thrikkakara Municipality, Kanayanur Taluk, Ernakulam.

(File No. 1189 (A)/EC2/2018/SEIAA)

The Authority deliberated the item and noted its earlier decisions in various meetings. The Authority noticed that as per the decision of the 138th SEIAA meeting, the show cause notice was issued for violating MoEF&CC letter dated 14.04.2018 strictly instructing not to proceed further construction till EC is issued after completing violation proceedings, vide letter dated 02.04.2024. In addition to that, the decision of the Authority was also intimated to the District Collector, Ernakulam, the Secretary, Thrikakkara Municipality and the Member Secretary, KSPCB vide letters dated 02.04.2024 for report. However, the Project Proponent has not submitted the explanation even after 5 months. The reply from the respective officers also not received till date.

The Authority viewed the matter seriously and decided the following:

1. The Environmental Engineer, KSPCB, Ernakulam and the Secretary, Thrikkakara Grama Panchayat shall be called for a hearing in the next meeting. Necessary intimation in this regard shall be provided well in advance.
2. Since the violation ToR was issued by the MoEFCC in February 2018, and the ex-post facto environmental clearance was set aside by the Hon'ble Supreme Court on 02.01.2024, legal opinion shall be sought from the Legal Officer, SEIAA, on whether the Authority can proceed with the violation ToR as the violation proceedings was initiated before order of Hble Supreme Court .

Item No. 148.24 **WP(C) No. 31592 of 2024 filed by Sri. Mujeeb Rahman against desiltation across Bharathapuzha River in Kuttipuram Panchayat - Interim order dated 12.09.2024 of Hon'ble High Court.**
(File No. 2224/EC3/2024/SEIAA)

The Authority deliberated the item and noted the interim order dated 12.09.2024 of Hon'ble High Court in WP(C) No. 31592 of 2024. The WP(C) was filed against the tender issued by the 4th Respondent, the KIIDC for desiltation of deposits near Regulator cum Bridge (RCB) at Kankakadavu across Bharathapuzha River in Kuttipuram Panchayat without Environmental Clearance. The Hon'ble Court directed the 5th Respondent, the SEIAA, Kerala to file a report as to whether the activity coming under the exempted Category or not after making site inspection within a period of 4 weeks. The Authority entrusted the Environmental Scientist and the Environmental Officer to inspect the site and submit the report under intimation to Authority. The inspection report prepared by Environmental Scientist and the Environmental Officer was approved by circulation. The report shall be forwarded to the Standing Council for placing before the Hon'ble Court.

Item No. 148.25 **WP (C) No. 6985 of 2023 filed by Sr. Celestine Francis before Hon'ble High Court of Kerala against the construction of Faecal Sludge Treatment Plant by Cherthala Municipality - O.A No. 48 of 2023 filed by Dr. Pyarelal against construction of Faecal Sludge Treatment Plant by Cherthala Municipality - Interim order dated 03.09.2024**
(File No. 469/EC/2023/SEIAA)

The Authority deliberated the item and noted the interim order dated 03.09.2024 of Hon'ble High Court in WP(C) No. 6985 of 2023. The WP(C) was filed with an interim relief to stop the construction of faecal sludge treatment plant by the Cherthala Municipality. The Hon'ble Court directed the 4th Respondent, the SEIAA, Kerala to offer its view independently within 6 weeks from the date of receipt of the order. Due to time limit, the Chairman, SEAC and the Expert Member, SEIAA conducted the field visit on 24.09.2024 and the report was approved by the Authority on circulation. The report shall be forwarded to the Standing Council for placing before the Hon'ble Court.

Item No. 148. 26 **Complaint filed by Vellarada Action Council against M/s Travancore Ready Mix Pvt Ltd in Vellarada Village, Neyyattinkara Taluk, Thiruvananthapuram**
(File No. 1842/EC1/2023/SEIAA)

Environmental clearance was issued by DEIAA, Thiruvananthapuram to M/s Travancore Ready Mix Pvt Ltd in Vellarada Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala vide order no DEIAA/ EC2/2017 (P 977/16) dated 29.03.2017 and valid till 28.03 2023 . M/s Travancore Ready Mix Pvt Ltd filed a WP (c) No. 10803/2020 before the Hon’ble High Court for revalidation of the project.

The Authority in its 117th meeting held on 30th & 31st August 2022, based on the recommendation of SEAC in its 130th meeting, decided to revalidate the EC with project life of 11 years from the date of original EC i.e. 29.03.2017 subject to certain Additional Specific Conditions. The revalidation order was issued on 30.09. 2022.Sri V. Resalayan filed a WP (C) No. 7203/ 2023 against SEIAA (3rd respondent) and Travancore Ready Mix (Pvt) Ltd, (11th respondent). In the interim order dated 29.11.2023 THE Honble High Court ordered that “The 8th respondent/Tahsildar shall file an affidavit stating as to whether the properties referred to in Ext.P5 quarrying lease are assigned lands and if so, the details of the patta/ pattas issued in respect of those assigned lands”. SLP (C) No. 28379 /2023 was filed by K Sekharan before Supreme Court for an interim relief to pass and interim ex parte stay of the order dated 29.11.2023 passed by the Hon’ble High Court in WP (C) No. 7203/2023. The main contention of the petitioner in SLP (C) is that the interim prayer of the petitioner in WP (C) No. 7203/2023 was not taken up on several dates and after 29.11.2023 the case has not been posted before the Hon’ble High Court.

The Hon’ble High Court posted the WP(C) No. 7203/2023 on 15.1.2024 and issued an order. In the order the Court “stayed the quarrying operation by the 11th respondent (Travancore Ready Mix (Pvt) Ltd,) in W.P.(C) No.7203 of 2023 from the property comprised in re-survey nos. 11/2, 11/2-1, 11/4, 11/5, 11/5-1, 11/6, 11/7, 11/8, 11/9, 11/12-1-1, 11/13, 11/14, 11/15-1, 10/2-1, 10/2-2, 10/3, 10/3-1, 10/13, 10/14, 10/15 and 10/16 of block no.35 of Vellarada Village pending disposal of these writ petitions. Respondents 2 and 5 to 8 in W.P (C) No. 7203 of 2023 are directed to take immediate steps to see that the interim order is complied forthwith.

Sri V. Resalayan also filed an O.A No. 87/ 2023 before Hon'ble NGT against M/s Travancore Redy Mix Pvt. Ltd and M/s Grace Aggregates India (p) Ltd. Further Sri V Resalayan, President, Action Council, Vellarada filed a complaint against the quarries on 02-03-2024 before the authority.

Environment Department, Government of Kerala vide letter dated 07-05-2024 Department requested for a detailed report on the directions of Central Empowered Committee constituted by the Hon'ble Supreme Court of India. The empowered Committee requested a status report on the action taken on the matter that EC issued without proper study.

The Authority deliberated the item and noted the letter of the Government dated 07.05.2024 and the complaint of the Action Council Vellarada, dated 02.03.2024. The Authority noticed that the Government vide its letter requested to submit a detailed report on the directions of Central Empowered Committee constituted by the Hon'ble Supreme Court of India. The Empowered Committee requested a status of action taken on the matter that EC issued by District Collector, Thiruvananthapuram was without proper study. It is also noted that the complaint is against the quarry of M/s Travancore Ready Mix Pvt. Ltd., for which the EC was issued from DEIAA, Thiruvananthapuram. The Authority also noticed there were a few court cases including an SLP with respect to the project. Since the EC was issued by the DEIAA, Thiruvananthapuram the details / documents related to the EC was not available with the Authority. Hence the complaint was forwarded to District Collector, Thiruvananthapuram on 25.03.2024 and reminder issued on 20.09.2024 for report. However, the report is yet to be received.

In the above circumstances, the Authority decided the following after discussing the details.

1. An interim report with the available details, documents and the action taken so far shall be furnished to the Government.
2. The SEAC shall conduct a field inspection by considering the complaint and the request of the Central Empowered Committee and consider the same in the next SEAC meeting and furnish recommendations so that the Authority can take a decision in the next Authority meeting.

3. The District Collector, Thiruvananthapuram shall be addressed to submit the report and all the documents regarding the issuance of EC within 7 days by providing a copy of the Government letter along with the request of Central Empowered Committee.

PARIVESH FILES (Ver-1)

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

PART-1

Item No.01 **Environmental Clearance for the proposed City Side Developmental Project of M/s Adani Airport Holdings Ltd Sy Nos. 425 part, 429 part & 431 part in Pettah Village, Thiruvananthapuram Municipal Corporation, Taluk & District.**
(SIA/KL/INFRA2/404656/2022, 2140/EC1/2022/SEIAA)

M/s Adani Airport Holdings Limited, Adani Corporate House, Shantigram, Near Vaishno Devi Circle, SG Highway, Khodiyar, Ahmedabad - 382421 submitted an Environmental Clearance application for the proposed City Side Developmental Project at Survey Nos. 425 part, 429 part & 431 part in Pettah Village, Thiruvananthapuram Municipal Corporation, Taluk & District.

The Authority perused the item and observed that the SEAC had appraised the proposal based on the documents received from the Project Proponent and the field inspection report. As per the application, the total plot area is 0.8093 Ha with a total built-up area of 33,903 sq. m. The FAR proposed is 19,871 sq. m. (@2.45). The number of floors includes 2 Basements + Gr. Floor + 4 floors. The total project cost is 136.31 Crore. Based on discussions, the SEAC in its 169th meeting recommended EC for 10 years subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that the proposed project is proximate to Lakshadweep Sea and the depth to water table is 3.3m bgl only. The project envisages two basement floors and the proposed excavation of ordinary earth is about 78,000 cu. m., which may intersect the groundwater table along with a possibility of saline water intrusion. Since, the mitigation measures are not evident in the project proposal, the **Authority decided to hear the Project Proponent in the next meeting. Necessary intimations shall be provided to the Project Proponent well in advance.**

Item No.02

Environmental Clearance for the Proposed Commercial Complex Project of M/s Kunnamkulam Centre LLP in an area of 2.0176 Ha at Re-Sy. Nos. 11/P3-1, 11/P4-4 in Choondal Village & Re-Sy 162/3, 162/3-1, 162/3-1-1 in Kanipayyur Village, Chowannur Panchayat, Kunnamkulam Taluk, Thrissur.

(SIA/KL/INFRA2/445681/2023, 2446/EC3/2023/SEIAA)

Sri. Mohammed Shafeeq P, Designated Partner, M/s Kunnamkulam Centre LLP, G-1003, T1, Business Park, HiLITE City, Thodayad Bypass, Guruvayurappan College, Kozhikode, Kerala submitted an Environmental Clearance application for the proposed Commercial Complex Project in an area of 2.0176 Ha at Re-Sy Nos. 162/3, 162/3-1, 162/3-1-1 in Kanipayyur Village, Chowannur Panchayat and Re-Sy Nos. 11/P3-1, 11/P4-4 in Choondal Village, Chowannur Panchayat, Kunnamkulam Taluk, Thrissur.

The Authority perused the item and observed that the SEAC had appraised the proposal based on the documents received from the Project Proponent and the field inspection report. As per the application, the total built-up area of the project is 59,748 m² with plot area 2.0176 ha. The FAR is 1.938. The maximum height of the building is 30 m. The 157th SEAC meeting heard the presentation and the field inspection was conducted on 27.02.2024. Based on discussions, the SEAC in its 169th meeting recommended EC for 10 years subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that as per the application, the elevation difference of the project area is 17m, in which the highest and lowest elevation is 117m and 100m AMSL respectively. The ground water table is 6.7 m to 7.1 m bgl. The depth to hard rock is about 14.80m. The total floors proposed is B + GF + 5 floors + terrace. The ordinary earth excavation proposed is 1,50,385 cu. m for construction of foundation work and lower floors. The Authority noticed that large quantity of the soil has to be removed from the project area with a very deep cutting of 14 m (as per plan) or more in the southern side of project area. There is all possibility of intersecting the groundwater table and serious threat to the neighboring inhabitants. Since, the mitigation measures are not evident in the project proposal, the **Authority decided to hear the Project Proponent in the next meeting. Necessary intimations shall be provided to the Project Proponent well in advance.**

Item No.03

Environmental Clearance for the Granite Building Stone Quarry of Sri. Ananthu Sunil for an area of 3.6153 Ha at Sy No. 231 part (Govt. Land) in Konnathady Village of Idukki Taluk, Idukki (SIA/KL/MIN/209584/2021, 1903/EC3/2021/SEIAA)

The Authority deliberated the matter and noted the letter of the Project Proponent dated 30.08.2024, enclosing the certificate of DFO, Munnar dated 29.08.2024. The Authority noticed that vide certificate dated the DFO, Munnar intimated only the distance of the proposed area from the protected area and is not addressing the clarifications as sought in 146th SEIAA meeting.

The Authority also noticed that the proposed project area is in Konnathady village, which is an ESA village. The MoEF&CC have issued a draft notification on ESA on 31.07.2024 and final notification is expected to be issued within 60 days of draft notification appearing in Government of India gazette notification. In the wake of recent devastating landslide at Vellarimala, an ESA village in Wayanad and the final notification on ESA villages is in the offing, applying precautionary principles, the Authority decided to relook its earlier decision in 123rd SEIAA meeting and defer all the mining proposals in ESA villages till the final notification issued by MoEF&CC.

Item No.04

Environmental Clearance for the Granite Building Stone Quarry project of M/s. P. J. Associates for an area 2.6465 Ha at Re-Sy Nos. 93/1, 94/1, 95/1, 95/1- 1, 95/2, 95/2-1, in Lalam Village, Meenachil Taluk, Kottayam (SIA/KL/MIN/410881/2022, 2186/EC3/2023/SEIAA)

Sri. Pious Antony, Managing Partner, M/s. P. J. Associates, submitted an Environmental Clearance application for the proposed Granite Building Stone Quarry project for an area 2.6465 Ha at Re-Sy Nos. 93/1, 94/1, 95/1, 95/1- 1, 95/2, 95/2-1, in Lalam Village, Meenachil Taluk, Kottayam.

The Authority perused the proposal and noted the decisions of various SEAC/SEIAA meetings held on different dates. The Authority noticed that as per the Cluster Certificate dated 25.07.2024, the Project Proponent owned another quarrying lease for an area of 1.9426 Ha at Block No 21, Re- Sy 94/2pt, 94/2-1pt, 94/2-2pt, 93/2pt and obtained a quarrying permit for an area of 0.6993 Ha and the survey number of the same was overlapping. Moreover,

another quarrying permit was issued dated 22.05.2020 in favour of Sri. Joseph Ulahannan, for an area of 0.9204 Ha in Sy. No. 109/2-1. None of the permit areas above are found closed or the closure plan approved. In the circumstance, the cluster has more than 5Ha of area under mining, and therefore, the SEAC in its 169th Meeting recommended ToR to conduct EIA study and public hearing. In the above circumstances, **the Authority accepted the decision of the SEAC and decided to reject the present EC application with a direction to the Project Proponent to submit ToR application with required documents. The SEIAA Secretariat shall provide necessary intimation regarding the same to the Project Proponent.**

Item No.05

Environmental Clearance for Granite Building Stone Quarry of Sri. Shamsudheen for an area of 4.5622 Ha at Sy No 1 in Udayagiri village, Taliparamba Taluk, Kannur

(SIA/KL/MIN/411554/2022, 2224/EC4/SEIAA/2023)

Sri. Shamsudheen, Managing Partner, M/S Ceekay Sons Crushers, Kuttaramba P.O, Alakkode Kannur, submitted an Environmental Clearance application for the Granite Building Stone Quarry project for an area of 4.5622 Ha at Sy No. 1 in Udayagiri village, Taliparamba Taluk, Kannur.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noted as per the observations of 169th SEAC meeting, the proposed area falls on a steep to very steep flank of a hillock, and the area is surrounded by high hazard zone. The nearest distance to the high hazard zone is 13.6m. Eastern and Western boundary of the proposed area falls very close to the hazard zone. The area includes large part of a micro-watershed. The drainage derived from the Digital Elevation model indicates that two first order drains and one second order drains discharge the surface runoff from the proposed area. The parallel drainage pattern and the presence of the streams shows the significance of drainage in the area. The area above the proposed site (top portion of the watershed) is thickly vegetated with significant soil thickness. Further, the nearby areas fall in high hazard zones, indicating high vulnerability to landslides. A built structure is found at a distance of 15m from the proposed project boundary. Considering the above observations, the SEAC in its 169th meeting found that the area is not found feasible for mining and recommended rejection of the proposal by invoking precautionary principle.

The Authority also noticed reconsideration request submitted by the project Proponent dated 18.09.2024. On verification, the Authority found that the explanations made by the Propjet Proponent are not acceptable for reconsider the decision of the SEAC. **In these circumstances, the Authority decided to accept the recommendation of SEAC to reject the project proposal by invoking precautionary principle. The SEIAA Secretariat shall issue necessary proceedings accordingly explaining the reasons for rejection.**

Item No.06

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Sukumaran. K, Ottappalam Karinkal Quarry Operators, Vyavasaya Sahakarana Sangam Limited No. SIND(P), for an area of 0. 3199 Ha at Block No: 34 Re-Sy Nos: 6/8, 27/3, 27/4 in Vallapuzha Village, Pattambi Taluk, Palakkad, (SIA/KL/MIN/412002/2022, 2185/EC1/2023/SEIAA)

Sri. Sukumaran.K, Ottappalam Karinkal Quarry Operators, Vyavasaya Sahakarana Sangam Limited No: SIND (P) 176, Vadanamkurussi, Palakkad- 679 121 submitted an Environmental Clearance application for the proposed Granite Building stone Quarry for an area of 0.3199Ha at Block No: 34 Re-Sy Nos: 6/8, 27/3, 27/4 in Vallapuzha Village, Pattambi Taluk, Palakkad.

The Authority deliberated the item and noted that as per the decision of the 134th meeting of SEIAA, the minimum area for granite mining by ensuring all the environmental safeguards should be greater than 0.5 Ha. As per the application, the proposed area for mining is 0.3199 Ha only and it is not environmentally feasible. Therefore SEAC in its 169th meeting recommended rejection of the proposal.

In these circumstances, the Authority decided to accept the recommendation of SEAC to reject the project proposal by considering the non-feasibility of mining in less than 0.5 Ha area by ensuring all the environmental safeguards. The SEIAA Secretariat shall issue necessary proceedings accordingly explaining the reasons for rejection.

Item No.07

Environmental Clearance for Granite Building Stone Quarry of Sri. Deepak Jose, Managing Director, M/s. Optimum Granites Pvt. Ltd. for an area of 2.1044 Ha at Sy No. 274 in Thirumittacode-II Village, Pattambi Taluk, Palakkad.

(SIA/KL/MIN/415585/2023, 1418/EC1/2019/SEIAA)

Sri. Deepak Jose, Managing Director, M/s Optimum Granites Pvt Ltd, Nambiyattukudy Chelamattom, Okkal P.O, Chelamattom (Part) Okkal, Ernakulam, Kerala submitted an Environmental Clearance application for the Granite Building Stone Quarry project for an area of 2.1044 Ha at Sy No. 274 in Thirumittacode-II Village, Pattambi Taluk, Palakkad.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form-1, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 10 years. After the due appraisal, the SEAC in its 169th meeting recommended EC for 10 years subject to the certain Specific Conditions in addition to the general conditions. The EC may be issued after the submission of 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 these circumstances, the Authority 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.

The issuance of EC is subject to the production of NOC from the Irrigation Department.

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. All the assurances and the mitigation measures ensured by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.*
- 5. 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.*
- 6. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*

7. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR*
8. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
9. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
10. *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.*
11. *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).*
12. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
13. *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.*
14. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
15. *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.*
16. *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.*
17. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).*

18. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
19. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
20. *The Environment Management Cell (EMC) should include one subject expert in environment management and the Ward Member of the local panchayat. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
21. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
22. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
23. *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.*
24. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*

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

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

SEIAA Secretariat is directed to inform the Project Proponent to submit 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 and 4655 of 2024 dated 19.04. 2024.

Item No.08

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Abdul Hameed K. P. at Block No. 27, Re-Sy Nos. 55/1, 55/4, 50/1, 50/1-2, 50/1-3 in Urangattiri Village, Ernad Taluk, Malappuram.

(SIA/KL/MIN/417557/2023, 2227/EC6/2023/SEIAA)

Sri. Abdul Hameed K P, Kolakkodan Pottammal H, Kizhuparamba (P.O),Malappuram submitted an Environmental Clearance application for the Granite Building Stone Quarry project at Block No. 27, Re-Sy Nos. 55/1, 55/4, 50/1, 50/1-2, 50/1-3 in Urangattiri Village, Ernad Taluk, Malappuram.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form-1, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 10 years. After the due appraisal, the SEAC in its 169th meeting recommended EC for 10 years subject to the certain Specific Conditions in addition to the general conditions. The EC may be issued after the

submission of 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 these circumstances, the Authority 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.

The issuance of EC is subject to the production of NOC from the Irrigation Department.

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 mitigation measures as per the EMP should be implemented comprehensively, also by considering the adjacent quarries.*

5. ***All the assurances and the mitigation measures ensured by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.***
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 Ward Member of local panchayat. 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 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 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.09

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Binu George for an area of 3 Ha at Block No. 49, Sy No. 304 part (Govt. Land) in Parathodu Village, Udumbanchola Taluk, Idukki

(SIA/KL/MIN/428582/2023, 2263/EC3/2023/SEIAA)

The Authority deliberated the matter and noted the letter of the Project Proponent dated 22.08.2024, enclosing the certificate of DFO, Kottayam dated 21.08.2024. The Authority noticed that vide certificate dated the DFO, Kottayam intimated only the distance

of the proposed area from the protected area and is not addressing the clarifications as sought in 146th SEIAA meeting.

The Authority also noticed that the proposed project area is in Parathodu village, which is an ESA village. The MoEF&CC have issued a draft notification on ESA on 31.07.2024 and final notification is expected to be issued within 60 days of draft notification appearing in Government of India gazette notification. In the wake of recent devastating landslide at Vellarimala, an ESA village in Wayanad and the final notification on ESA villages is in the offing, applying precautionary principles, the Authority decided to relook its earlier decision in 123rd SEIAA meeting and defer all the mining proposals in ESA villages till the final notification issued by MoEF&CC.

**Item No.10 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
(SIA/KL/MIN/435329/2023, 2385/EC2/2023/SEIAA)**

Sri. Shiju Thomas, Pallivathukkal House, Chilavu P.O., Idukki, submitted an application for the re-appraisal 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.

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, the additional details/documents obtained from the Project Proponent during appraisal and Field Inspection Report. The 169th SEAC meeting found that the Project Proponent has already mined up to 76m AMSL, and the depth to water table is at 8m bgl. As the mining has already been conducted up to the water table, further mining in the area is not feasible. Though the feasibility study recommends mining up to 54m above MSL in the report of the Hydrogeologist, it is not permissible on account of the existing guidelines. Therefore, the SEAC in its 169th meeting recommended rejection of the proposal.

The Authority also noticed the reconsideration request submitted by the Project Proponent vide letter dated 06.09.2024 in which it is requested to reconsider the project and

refer back the file to SEAC to reconsider the decision with respect to the technical reports which states that ground water will not intersect due to mining activity up to 50m AMSL. **In the above circumstances, the Authority decided to refer the case back to SEAC to relook the matter considering the representation and technical reports submitted by the Project Proponent.**

Item No.11

Environmental Clearance for the Granite Building Stone Quarry of Sri. Shemeel R, Managing Partner & Authorized Signatory, M/s. Galaxy Rocks for an area of 4.2146 Ha at Re-Sy Nos: 416/10, 416/12, 419/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil Village, Kottarakkara Taluk, Kollam

(SIA/KL/MIN/445259/2023, 2162/EC2/2022/SEIAA)

Sri. Shemeel R, Managing Partner & Authorized Signatory, M/s. Galaxy Rocks submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 4.2146 Ha at Re-Sy Nos: 416/10, 416/12, 419/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil Village, Kottarakkara Taluk, Kollam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form-1, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 12 years. After the due appraisal, the SEAC in its 169th meeting recommended EC for 12 years subject to the certain Specific Conditions in addition to the general conditions. The EC may be issued after the submission of 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 these circumstances, the Authority 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 12 (Twelve) 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 issuance of EC is subject to the production of NOC from the Irrigation Department.

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 85m AMSL considering the depth to 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 mining should be carried out without interrupting the first order drains or streams in the proposed area.*
- 6. The mitigation measures as per the EMP should be implemented comprehensively also by considering the adjacent quarries.*

7. *All the assurances and the mitigation measures ensured by the Project Proponent as per the minutes of public hearing dated 22.07.2023 should be complied with and submit the report along with HYCR.*
8. *A temporary wall of 5m height should be erected between boundary pillars BP2-BP15 and BP10-BP11-BP12 to avoid disturbance and nuisance to the nearby residents.*
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 prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be 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. Since there are 160 buildings within 100m radius and 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 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 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.12

Reappraisal of EC issued by DEIAA for the Granite Building Stone Quarry of M/s. Highland Silver Sands (P) Ltd for an area of 4.31 Ha at Re-Sy No. 2/1(p) in Raroth Village, Thamarassery Taluk, Kozhikode.

(SIA/KL/MIN/447663/2023, 2484/EC2/2023/SEIAA)

Sri. Vinay James Kynadi, Managing Director, M/s High Land Silver Sand Pvt Ltd., 27/97, FCC Building, Mavoor Road, Kozhikode, 673580, submitted an application for the re-appraisal of Environmental Clearance issued by DEIAA, Kozhikode for the Granite Building Stone Quarry project for an area of 4.31 Ha at Re-Sy No. 2/1(p) in Raroth Village, Thamarassery Taluk, Kozhikode.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form-1, Pre-Feasibility Report, Mining Plan, presentation, and additional details/documents obtained from the Project Proponent during appraisal. After the due appraisal, the SEAC in its 169th meeting recommended EC for 7 years subject to certain Specific Conditions in addition to the General Conditions. The EC may be issued after the submission of 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 noticed that as per the Google imaginary there are more quarries within 500m radius and there may be possibility of cluster condition. Further, the he authority noticed the presence of following quarries in the vicinity of the project area:

1. Granite Building Stone Quarry project of Sri. Aby Joy Pottas, at Re-Sy No. 93 in Raroth Village, Thamarassery Taluk, Kozhikode for an area of 2.0040 Ha in which the EC was issued vide File No. 1328/EC1/2019/SEIAA dated 30.07.2021 for the
2. Granite Building Stone Quarry project of Sri. Shamseer V.K for an area of 0.9926 Ha at Re-Sy Nos. 2/18, 2/20, 2/46, 2/76, 2/77, 2/78 in Raroth Village, Thamarassery Taluk, Kozhikode, Keralam in which the EC was issued vide File No. 1790/EC4/2020/SEIAA dated 03/01/2024.

In the above circumstances, the Authority decided to refer the proposal back to SEAC to re-examine cluster condition considering all working/ non-working with in 500m radius.

Item No.13

Environmental Clearance for Granite Building Stone Quarry Project of Sri. Biju M.K for an area of 4.50 Ha at Block No. 46, Re-Sy Nos. 158/4-3, 158/10, 158/5, 158/6, 158/12-2, 158/7-2, 158/8, 160/18, 160/23-3, 160/23-2, 160/22, 160/20-3-2-2, 164/12, 164/13, 164/1, 164/12-2, 164/2, 164/4-1, 164/5 (patta land), 158/11, 161/pt, 161/pt, 160/17, 160/23 (Govt. land) in Ittiva Village, Kottarakkara Taluk, Kollam.

(SIA/KL/MIN/449132/2023, 2415/EC1/2023/SEIAA)

Sri. Biju M. K., Karthika, Kuttikad P.O., Kadakkal, Kollam submitted an Environmental Clearance application for the Granite Building Stone Quarry project for an area of 4.500 Ha at Block No. 46, Re-Sy Nos. 158/4-3, 158/10, 158/5, 158/6, 158/12-2, 158/7-2, 158/8, 160/18, 160/23-3, 160/23-2, 160/22, 160/20-3-2-2, 164/12, 164/13, 164/1, 164/12-2, 164/2, 164/4-1, 164/5 (patta land), 158/11, 161/pt, 161/pt, 160/17, 160/23 (Govt. Land) in Ittiva Village, Kottarakkara Taluk, Kollam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form-1, Pre-Feasibility Report, Mining Plan, presentation, Field Inspection Report and additional details/documents obtained from the Project Proponent during appraisal. The Project Proponent also submitted NOC from the Minor Irrigation Division, Kollam dated 22.07.2024. The proponent has obtained No Objection Certificate for the government land which is valid up to 10 years from the date of execution of the lease deed. After the due appraisal, the SEAC in its 169th meeting recommended EC for 15 years subject to certain Specific Conditions in addition to the General Conditions.

The Authority noticed that as per the recommendations of the 169th SEAC meeting, 50m buffer should be provided between the built structures within 50m radius from the proposed project area and the depth of mining should be limited to 120m AMSL. Therefore, there is considerable reduction in the mineable reserves and life of mine. Even though, the Project Proponent presented the revised details as per the recommendation, he has not submitted the revised mining plan approved by the Department of Mining and Geology. In

the above circumstances, the Authority decided to direct the Project Proponent to revise the mining plan as per the recommendations of 169th SEAC meeting and submit the revised mining plan approved by the Department of Mining and Geology.

Item No.14 **Environmental Clearance for the Excavation of Ordinary Earth Project of Sri. Daniel. K.P for an area of 0.4559 Ha at Block No. 45, Re-Sy Nos. 439/10, 439/5-2, 439/5-2-1 in Aikaranad North Village, Kunnathunad Taluk, Ernakulam.**
(SIA/KL/MIN/455191/2023, 2482/EC1/2023/SEIAA)

Sri. Daniel K.P , Kuttinal House, Peringole, Kolencherry, Ernakulam – 682311 submitted an Environmental Clearance application for the Excavation of Ordinary Earth Project for an area of 0.4559 Ha at Block No. 45, Re-Sy Nos. 439/10, 439/5-2, 439/5-2-1 in Aikaranad North Village, Kunnathunad 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 1, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. The 163rd 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 169th 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 maximum depth of mining should be limited to 2m bgl.*
4. *Proper benches should be provided at an interval of every 1.5m.*
5. *The excavated earth should be not be used for the reclamation of paddy fields and / or wetlands.*
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/labourers 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.15

Environmental Clearance for Laterite Building Stone Quarry project of Sri. Muhammed Anees P. for an area of 0.4812 Ha, at Re-Sy Nos. 301/5, 302/3 & 303/2 in Thachanattukara 2 Village, Mannarkad Taluk, Palakkad

(SIA/KL/MIN/456721/2023, 2497/EC3/2023/SEIAA)

Sri. Muhammed Anees P, Parayankallingal Veedu, Pombra, Karimpuzha, Palakkad 678 595 submitted an Environmental Clearance application for the Laterite Building Stone Quarry for an area of 1.2784 Ha at Re-Sy Nos. 301/5, 302/3 & 303/2 in Thachanattukara 2 Village, Mannarkad 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. The 163rd 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 169th 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 a maximum depth of 6m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.16

**Environmental Clearance for the Granite Building Stone Quarry project of Sri. Muhammed, Managing Director, M/s Vettakode Granite Pvt. Ltd for an area of 3.3624 Ha at Sy Nos. 274/1, 274/2-1, 274/3, 275/2 in Anakkayam Village, Ernad Taluk, Malappuram.
(SIA/KL/MIN/66304/2019, 1514/EC3/2019/SEIAA)**

Sri Muhammed, M/s. Vettakode Granites Pvt Ltd, Vettakode, Pullencheri Post, Manjeri, Malappuram, submitted an Environmental Clearance application for the Granite Building Stone Quarry Project for an area of 3.3624 Ha at Sy Nos. 247/1, 247/2-1, 274/3, 275/2 in Anakkayam Village, Ernad Taluk, Malappuram.

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

based on application, Pre-Feasibility Report, EIA report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the approved mining plan mine life is 15 years. After the due appraisal, the SEAC in its 169th meeting recommended EC for 15 years subject to the certain Specific Conditions in addition to the General Conditions. The EC may be issued after the submission of 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.

The Authority noticed the letter from Executive Engineer, Irrigation Department, Malappuram dated 11.09.2024 stating that there are no irrigation structures within 1km radius. The representation also states that the structures owned by the Water Authority, PWD, and Panchayat are not available under the Irrigation Department. As per the Kerala Irrigation and Water Conservation Act, 2003, the Irrigation Officer designated should be issued the NOC after inspecting the project area. Hence the Authority decided to resubmit the NOC including all the structures within 1km radius.

In these circumstances, the Authority 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 15 (Fifteen) 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 issuance of EC is subject to the production of NOC from the Irrigation Department.

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 85m AMSL considering the depth to 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. **All the assurances and the mitigation measures given by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.**
6. **A temporary wall of 5m height should be erected at the boundary connecting BP9-BP10-BP12-BP13-BP14-BP15-BP16-BP17 to avoid disturbance and nuisance to the nearby residents.**
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 prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be 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 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 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.

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

Item No.01

Revalidation of Environmental Clearance issued by SEIAA for the Granite Building Stone Quarry Project of Sri. U. Abdul Kareem, M/s. U. K. Granites for an area of 4.685 Ha at Sy. No. 428(P) in Edayoor Village, Tirur Taluk, Malappuram.

(File No. 727/SEIAA/EC1/6106/2014)

(Proposal No. SIA/KL/MIN/304423/2023)

Sri. U. Abdul Kareem, M/s. U.K. Granites, Edayoor North P.O, Valancherry, Malappuram submitted an application for the revalidation of EC issued by SEIAA for the Granite Building Stone Quarry Project for an area of 4.685 Ha at Sy. No. 428(P) in Edayoor Village, Tirur Taluk, Malappuram on 15.01.2016 for a period of five years.

The Authority perused the proposal and noted the decisions of various SEIAA/SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on application, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. As per the revised mining plan mine life is 10 years. As per the certificate from the Mining & Geology Department dated 3.8.2022, the quantity extracted till date is 50,715 MT and the balance quantity available is 15,17,833.25 MT. After the due appraisal, the SEAC in its 169th meeting recommended EC for 10 years from the dated of the original EC issued on 15.01.2016 subject to the certain Specific Conditions in addition to the general conditions. The EC may be issued after the submission of 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 the Project Proponent procured three mining plans approved on different dates, namely 16.03.2015, 31.01.2018, and 23.10.2019, each with distinct production levels and project life spans. So far, the Project Proponent has not secured the mining lease for the total area and has instead conducted mining using permits. In this circumstance, the Authority decided to hear the Project Proponent and the RQP in the next meeting to seek clarification on the splitting of the project. The SEIAA Secretariat shall issue the necessary intimation regarding the same.

PARIVESH FILES (Ver-2)

PART-1

Item No.01

Re-appraisal of EC issued by DEIAA, Kozhikode for the Granite Building Stone Quarry Project of Sri. O Akhil, M/s Pallickaparambil Granite Works, for an area of 3.9271 Ha at Re-Sy No. 172 (Pt) in Kodyathoor Village, Kozhikode Taluk, Kozhikode.

(SIA/KL/MIN/468790/2024)

Sri. O. Akhil, Proprietor M/s Pallickaparambil Granite Works, Odamannil House, Mukkam P.O., Kozhikode - 673602, submitted an application for the re-appraisal of EC issued by DEIAA, Kozhikode for the Granite Building Stone Quarry Project for an area of 3.9271 Ha at Re- Sy No. 172 (Pt) in Kodyathoor Village, Kozhikode Taluk, Kozhikode.

The Authority perused the proposal and noticed that the 169th SEAC meeting found several documents required for reappraisal is not submitted or incomplete. As per the cluster certificate dated 11.01.2022, there is an abandoned quarry of area 9.2995 Ha within 500m radius of the proposed site which seems to be not closed. The Committee also observed other quarries within the cluster as per the KML file. Therefore, considering the cluster situation, the SEAC in its 169th meeting decided to direct the Project Proponent to submit application for ToR for EIA study.

In the above circumstances, the Authority accepted the recommendation of SEAC and decided to reject present application and directed the Project Proponent to submit ToR application with required documents. The SEIAA Secretariat shall provide necessary intimation regarding the same to the Project Proponent.

Item No.02

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Shaji K. J., for an area of 0.9927 Ha at Block No. 084, Re-Sy Nos. 1/3089, 1/5699, 1/3095, 1/5700, 1/5710, 1/3093, 1/3096, 1/5701 in Payyavoor Village, Thaliparambu Taluk, Kannur

(SIA/KL/MIN/451445/2023)

Sri. Shaji K.J., Konnothuchira, Near Wadakkanchery Railway Station, Wadakkanchery, Thrissur – 680 623, submitted an Environmental Clearance application for the proposed granite building stone quarry project for an area of 0.9927 Ha at Block No. 084, Re-Sy Nos: 1/3089, 1/5699, 1/3095, 1/5700, 1/5710, 1/3093, 1/3096, 1/5701 in Payyavoor Village, Thaliparambu Taluk, Kannur.

The Authority perused the proposal and noted that the 169th SEAC meeting heard the presentation of the project. The site elevation, as given in the mine plan and other documents, is 45-85m above MSL. As per the google imagery, the elevation vary from 450m to 500m above MSL. The site falls on a very high hill ridge of the Western Ghats region with a maximum height of around 700m above MSL with very steep slope. The land use of the area is given as barren land in the application which seems to be incorrect. The land is found having good canopy cover as per the google imagery. The proposed area falls in the moderate hazard zone and the high hazard zone is located around 200m. As per the Cluster Certificate dated 10.03.2023, there is another quarry having an area of 3.9164 Ha within the radius of 500m and altogether having an area of almost 5 Ha (4.9091 Ha). Considering the mining area within the cluster and the environmental sensitivity and ecological vulnerability of the area, the Committee recalled the observation of the 167th meeting of the SEAC that it is desirable to have a detailed EIA study. The documents submitted along with the application and during the presentation, the Proponent and the RQP submitted false and misleading information with respect to the land use of the proposed site and the elevation of the site. Further, the environmental sensitivity and ecological vulnerability of the area is very high as understood from the details submitted along with the application that necessitate invoking of Precautionary Principle. **The SEAC in its 169th meeting discussed these aspects in detail and recommended rejection of the proposal for environmental clearance.**

In the above circumstances the Authority decided to reject the application by considering the environmental sensitivity, ecological vulnerability by invoking

precautionary principle. The SEIAA Secretariat shall issue necessary proceedings accordingly explaining the reasons for rejection.

Item No.03

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Rajesh P. A., for an area of 0.1944 Ha at Block No. 70, Re-Sy No. 63/602 in Nedyenga Village, Thaliparamba Taluk, Kannur

(SIA/KL/MIN/471844/2024)

Rajesh P A, Ponnundil, Ayyathan Muttannur, Pattannur P.O, Kannur- 670595, submitted an Environmental Clearance application for the proposed Laterite Building Stone Quarry Project for an area of 0.1944 Ha at Block No.70, Re-Survey No. 63/602 in Nedyenga Village, Thaliparamba 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 166th SEAC meeting heard presentation of the proposed project. As per the approved mining plan, the mine life is 2 years. After the due appraisal, the SEAC in its 169th 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 a maximum depth of 4m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.04

Environmental Clearance issued to the Expansion of Commercial Complex Project (Ozone Mall) of M/s INOA Properties & Developers LLP in Pathaikkara Village, Perinthalmanna Taluk, Malappuram – Request for Amendment of EC

(SIA/KL/MIS/284787/2022, 2099/EC6/2022/SEIAA)

(New Proposal No. SIA/KL/INFRA2/473578/2024)

Sri. A. K Abdul Azeez, M/s. INOA Properties & Developers LLP, 107/41, 3rd Floor, City Castle, East Fort Jn., Thrissur submitted an application for the amendment of

Environmental Clearance issued on 11.02.2024 for the expansion of Commercial Complex Project (Ozone Mall) in Pathaikkara Village, Perinthalmanna Taluk, Malappuram. The EC was issued for a built-up area of 33,438 sq. m and with a plot area of 19,400.17 sq. m. Now the Project Proponent proposed an addition of 283 sq. m (0.0283 ha.) of land from Sy. No. 4/1-2 and thereby, the total plot area will become 19,683.17 sq. m (1.968317 Ha) with Survey Nos. 1/1B-1, 4/2B-1, 146/1-5, 146/7-11, 4/2B-11, 4/2B-12, 146/3-1, 146/7-10, 4/2B-2, 146/7-2, 4/2B-3, 4/2-6, 146/1-1, 146/1-3, 146/7-9, 4/2B-4 & 4/1-2. Hence, the proposed landscape area increases from 4,800 sq. m to 5,083 sq. m and there are no other changes in the parameters mentioned in the original EC.

The Authority perused the item and observed that the SEAC had appraised the proposal based on the application, presentation, and documents received from the Project Proponent. After due appraisal the SEAC in its 169th meeting recommended amendment of EC issued on 11.02.2024 by increasing the landscape area from 4,800 sq. m to 5,083 sq. m with all the Specific and General Conditions therein. The amended EC shall include all the CER details approved earlier in the 149th SEAC meeting. It includes implementation of drinking water scheme to the local population for a total amount of Rs. 15.60 lakh in Pathaikkara Village in addition to the already agreed and committed proposals (i) supply of specified equipment's to W & C Hospital, Ponnani at a cost of Rs. 50.07 Lakh and (ii) converting the schools in Ponnani Constituency to smart classes (165 Nos) at a cost of Rs. 1.25 Cr. **In these circumstances, the Authority decided to amend the EC issued dated 11.02.2024 as per the recommendation of 169th SEAC subject to the Specific Conditions in addition to the General Conditions mentioned in the original EC. The EC must include the CER approved earlier in the 149th SEAC meeting.**

Item No.05

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Moideenkoya M. for an area of 0.0938 Ha at Block No. 17, Re- Sy No. 1/1-2 in Cheekode Village, Kondotty Taluk, Malappuram.

(SIA/KL/MIN/473287/2024)

Sri. Moideenkoya. M, Devankulangara House, Pallikkal, Malappuram – 673634 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.0938 Ha at Block No. 17, Re- Sy No. 1/1-2 in Cheekode 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 169^h SEAC meeting heard presentation of the proposed project. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the SEAC in its 169th 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 mining should be restricted to a maximum depth of 6m below ground level, 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 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. Shine S.R, for an area of 0.5554 Ha at Block No. 2, Re-Sy Nos. 707/1, 713/1, 713/3, 714/1-2, 714/1-3, 714/2 in Sooranadu North Village, Kunnathur Taluk, Kollam.
(SIA/KL/MIN/425683/2023)

Sri. Shine S.R, Shine Nivas, Poovattoor East, Kalayapuram Post, Kottarakkara, Kollam, submitted an Environmental Clearance application for Laterite Building Stone Quarry Project for an area of 0.5554 Ha at Block No. 2, Re-Sy Nos. 707/1, 713/1, 713/3, 714/1-2, 714/1-3, 714/2 in Sooranadu North Village, Kunnathur 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 169th SEAC meeting heard presentation of the proposed project. As per the approved mining plan, the mine life is 2 years. After the due appraisal, the SEAC in its 169th 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 a maximum depth of 4m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.07

Environmental Clearance for Granite Building Stone Quarry project of Sri. Joshy P J, Managing Partner, M/s Pee Jay Granites for an area of 4.7664 Ha at Re-Sy Nos. 118/1,118/2, 118/3 & 119/1(119/1-2) in Vandazhi-1 Village, Alathur Taluk, Palakkad (SIA/KL/MIN/458413/2024)

Sri. Joshy P. J., Managing Partner, M/s Pee Jay Granites, Chittadi (P.O), Palakkad Kerala submitted an Environmental Clearance application for Granite Building stone Quarry project for an area of 4.7664 Ha at Re-Sy Nos: 118/1,118/2, 118/3 & 119/1(119/1-2) in Vandazhi-1 Village, Alathur Taluk, Palakkad.

The Authority perused the proposal and noted that the 169th SEAC meeting heard presentation of the proposal. As per the Cluster Certificate dated 02.05.2024, there are other quarries with working leases for an area of 3.8669 Ha within 500m radius of the proposed site. Hence there is a cluster situation; the total area of the quarries within the 500 m radius is greater than 5 Ha. Considering the cluster condition, the SEAC in its 169th SEAC meeting recommended ToR for EIA study and public hearing.

In the above circumstances, the Authority decided accept the recommendation of the SEAC to reject the present application and directed the Project Proponent to submit ToR application with required documents. The SEIAA Secretariat shall provide necessary intimation regarding the same to the Project Proponent.

Item No.08

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. L Syju, M/s K. Lekshmanan Company Infrastructures & Industries Pvt. Ltd., for an area of 1.4754 Ha at Block No. 40, Re-Sy Nos. 28/4pt (Govt Land), 28/8 and 28/3-1 (Pvt Land) in Nilamel Village, Kottarakkara Taluk, Kollam. (SIA/KL/MIN/463911/2024)

Sri. L Syju, M/s K Lekshmanan Company Infrastructures & Industries Pvt. Ltd., submitted an Environmental Clearance application for an area of 1.4754 Ha at Block No. 40, Re-Survey Nos. 28/4pt (Govt Land), 28/8 and 28/3-1 (Pvt Land) in Nilamel Village, Kottarakkara Taluk, Kollam.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 1, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Field Inspection Report. The SEAC in its 169th meeting discussed the Field Inspection report and recommended rejection of the proposal by invoking the precautionary principle considering the following.

1. The site is located on the summit of a midland isolated hill with very steep slope all around the site.
2. There are large number of houses on the slope and down-hill side of the site which will be under threat due to the proposed quarrying on the hill top.
3. The road leading to the proposed site is very narrow and the feasibility for its widening is limited due to the population density of the area through which the road passes.
4. The overburden and top-soil dump site are proposed in a high-risk area with very steep slope.
5. The rainfall intensity of the area is reported to be very high, of the order of more than 200mm per day aggravating the risky nature of the site.
6. The possibility to develop green belt all around the site is meagre, accentuating the impact due to the air pollution.
7. There is also lack of feasibility for planning and implementing storm water discharge.

The Authority also noticed a WP (C) 28032/2024 was filed by Smt. Lekhakumari A. L. and Others before the Hon'ble High Court of Kerala, praying that the Hon'ble Court may be pleased to direct the panchayat to implement Ext P2 decision of the panchayat and direct the 10th Respondent the Nilamel Grama Panchayat to stop forthwith the process of granting license for quarrying and blasting operations to the 11th Respondent, Sri. L. Saiju, on the strength of Exhibit P3 NOC for quarrying lease, in Mullumoodu Para in Block No 40 of Nilamel Village, pending disposal of this Writ Petition.

The Authority also noted the letter dated 26.09.2024 submitted by the Project Proponent, requesting the deferral of the proposal to another meeting in order to file an appeal against the rejection. The Authority found that the Project Proponent's request is not acceptable, as the Expert Appraisal Committee had rejected the proposal based on the Precautionary Principle. In these circumstances, the Authority decided to accept SEAC's recommendation to reject the project proposal by invoking the Precautionary Principle. The SEIAA Secretariat shall issue the necessary proceedings accordingly, explaining the reasons for the rejection.

Item No. 09 Transfer of EC submitted by Sri. Jayesh Thomas, Managing Director, M/s Gimsak Developers Pvt for the Granite Building Stone Quarry Project for an area of 2.2430 Ha at Re-Sy Nos. 163/1,163/2, (Block No.30) in Aalakkod Village, Thodupuzha Taluk, Idukki
(SIA/KL/MIN/480272/2024).

Sri. Jayesh Thomas, Managing Director, M/s Gimsak Developers Pvt. Ltd. submitted an application for the transfer of Environmental Clearance issued to the Granite Building Stone Quarry Project for an area of 2.2430 Ha at Block No. 30, Re-Sy Nos. 163/1, 163/2 in Aalakkod Village, Thodupuzha Taluk, Idukki.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the EC was issued on 04.08.2020 and is valid up to 03.08.2025. Now, the EC holder requested to transfer the same in the name of Jayesh Thomas, Director of M/s Gimsak Developers Pvt Ltd. The Authority noticed that the SEAC had appraised the proposal based on Form 7 and documents obtained from the Project Proponent Sri. Jilmon John. The SEAC was inspected the quarry upon complaints and there are violations of EC conditions. The 166th meeting of the SEAC highlighted that five out of seven specific conditions and 7 out of 18 general conditions are not fully complied. After due appraisal the SEAC in its 169th meeting **recommended transferring the EC application subject to all the liabilities arising due to non-compliance of the original EC holder.**

The Authority noticed that as per the decision of 146th SEIAA meeting the following actions are initiated.

1. Issue show cause notice for cancellation of EC, quoting the non-compliance of the

EC conditions as specified in the field inspection report. The Project Proponent shall submit explanation for the notice within 15 days from the date of receipt of the notice. Copy of the field inspection report shall also be provided to the Project Proponent.

2. The Mining & Geology Department shall assess the over extraction, if any, and take appropriate action including penalization for the violation of KMMC Rules 2015.
3. The Kerala State Pollution Control Board shall constitute the Joint Committee as suggested under Agenda item no 5 to assess the environmental damages for the violation of EC conditions and over extraction and submit the report within three months.
4. The Project Proponent is directed to comply the following on priority basis:
 - a. Shift the entire top soil and mine waste that is haphazardly dumped, to the designated location and provide adequate protection to the dump site.
 - b. Construct the garland drain, silt traps, siltation pond, collection tank, and outflow channel to the natural drain. Frequent de-siltation should be carried out to prevent the water pollution of surface water.
 - c. Remove the boulders on the hilltop and hill slope without causing any accidents.
 - d. Comply all other non-complied and partially complied specific and general EC conditions within 3 months and submit the report.

In the above circumstances, the Authority decided the following.

- a. Issue Stop memo since the EC holder has not replied to the show cause notice vide letter dated 10.09.2024.**
- b. The Project Proponent is directed to comply with all the directions issued by the SEAC. Until then, the applicant's transfer request shall be kept in abeyance.**

Item No.10

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Manoj Kumar Karuvath, for an area of 0.1942 Ha Block No. 109 at Re-Sy Nos. 53/207, 53/208, in Kandamkunnu Village, Thalassery Taluk, Kannur
(SIA/KL/MIN/480425/2024)

Sri. Manoj Kumar Karuvath, Karuvath House, Kaitheri 12th Mile, Ayithara Mambram P.O, Kannur- 670 643 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.1942 Ha at Block No. 109, Re-Survey Nos. 53/207, 53/208, in Kandamkunnu Village, Thalassery Taluk, Kannur.

The Authority perused the proposal and noted the decisions of 169th SEAC meeting. 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 presentation of the proposed project. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the SEAC in its 169th 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 mining should be restricted to a maximum depth of 6m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.11

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Subair A. P., for an area of 0.0971 Ha at Block No. 64, Re-Sy No. 100/9606 in Thimiri Village, Thaliparamba Taluk, Kannur.

(SIA/KL/MIN/482092/2024)

Sri. Subair A. P., Thelakkat House, Pattayam, Kolachery P.O., Kannur – 670601 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.0971 Ha at Block No. 64, Re-Sy No. 100/9606 in Thimiri Village, Thaliparamba Taluk, Kannur.

The Authority perused the proposal and noted the decisions of 169th SEAC meeting. 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 169^h SEAC meeting heard presentation of the proposed project. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the

SEAC in its 169th 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 mining should be restricted to a maximum depth of 6m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.12

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Vijina T., for an area of 0.1983 Ha at Block No. 37, Re-Sy No. 75/110 in Perinthatta Village, Payyannur Taluk, Kannur
(SIA/KL/MIN/482690/2024)

Sri. Vijina T., Therayil House Mappadichal, Purakkunnu P.O, Kannur, 670306 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.1983 Ha at Block No. 37, Re-Survey No. 75/110 in Perinthatta Village, Payyannur Taluk, Kannur.

The Authority perused the proposal and noted the decisions 169th SEAC meeting. 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 presentation of the proposed project. As per the approved mining plan, the mine life is 2 years. After the due appraisal, the SEAC in its 169th 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 a maximum depth of 6m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.13

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Ajmal Thodengal for an area of 0.5245 Ha at Block No. 04, Re-Sy Nos. 101/2-3, 101/2-7 in Vadakkangara Village, Perinthalmanna Taluk, Malappuram.

(SIA/KL/MIN/475256/2024)

Sri. Ajmal Thodengal, Thodengal House, Arippra P.O Angadippuram, Malappuram submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.5245 Ha at Block No. 04, Re-Sy Nos. 101/2-3,101/2-7 in Vadakkangara Village, Perinthalmanna Taluk, Malappuram.

The Authority perused the proposal and noted the decisions 169th SEAC meeting. 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 presentation of the proposed project. As per the approved mining plan, the mine life is 2 years. After the due appraisal, the SEAC in its 169th 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 a maximum depth of 6m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.14

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Prakasha B., for an area of 0.0971 Ha at Sy Nos. 677/4PT3 in Panayal Village, Hosdurg Taluk, Kasaragod.

(SIA/KL/MIN/483611/2024)

Sri. Prakasha B, S/o. Sundara B Devan, Podichapara, Panayal P.O Kasaragod - 671318 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.0971 Ha at Survey No. 677/4PT3 in Panayal Village, Hosdurg Taluk, Kasaragod.

The Authority perused the proposal and noted the decisions of 169th SEAC meeting. 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 169^h SEAC meeting heard presentation of the proposed

project. The depth to water table as per the presentation is 7m bgl at 97m AMSL. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the SEAC in its 169th 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 mining should be restricted to a maximum depth of 5m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.15

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. L. K. Abdul Salam, for an area of 0.0971 Ha at Block No. 91 Re-Sy Nos. 46/514, of Kalliad Village, Iritty Taluk, Kannur

(SIA/KL/MIN/485544/2024)

Sri. L. K. Abdul Salam, Laleelakath House, Blathoor, Kalliad P.O., Kannur- 670 593, submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.0971 Ha at Block No. 91 Re-Survey Nos. 46/514, of Kalliad Village, Iritty Taluk, Kannur.

The Authority perused the proposal and noted the decisions of 169th SEAC meeting. 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 presentation of the proposed project. As per the approved mining plan, the mine life is 1 year. After the due appraisal, the SEAC in its 169th 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 mining should be restricted to a maximum depth of 4m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.16

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Rajesh P, for an area of 0.3885 Ha at Block No. 30, Re-Sy No. 677/101 in Eramam Village, Payyannur Taluk, Kannur. (SIA/KL/MIN/486272/2024)

Sri. Rajesh P., Parookkaran, Purakkunnu P.O., Kannur, Kerala - 670 306 submitted an Environmental Clearance application for the Laterite Building Stone Quarry Project for an area of 0.3885 Ha at Block No. 30, Re-Survey No. 677/101 in Eramam Village, Payyannur Taluk, Kannur.

The Authority perused the proposal and noted the decisions of 169th SEAC meeting. 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 presentation of the proposed project. As per the approved mining plan, the mine life is 3 years. After the due appraisal, the SEAC in its 169th 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 a maximum depth of 5.5m below ground level, 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 violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.17

ToR Application for the proposed “Poringalkuthu Small Hydro-Electric Project-Stage II (1x24 MW)” by M/s Kerala State Electricity Board, Kerala in Athirapally Panchayat, Mukundapuram Taluk, Thrissur.

(SIA/KL/RIV/473315/2024)

The Chief Engineer (Civil - Investigation & Construction Central), M/s Kerala State Electricity Board Ltd. (KSEBL) submitted an application for ToR, for the proposed “Poringalkuthu Small Hydro-Electric Project-Stage II (1x24 MW)” in Athirapally Panchayat, Mukundapuram Taluk, Thrissur.

The Authority perused ToR proposal and noted the decisions of 169th SEAC meeting. As per the application, the proposed “Poringalkuthu Small Hydro-Electric Project (1x24MW)” envisages utilization of the excess water which otherwise spill from the existing Poringalkuthu reservoir, with integrated operation of other power stations drawing water from the same reservoir viz., Poringalkuthu Left Bank Scheme (4x9MW), Poringalkuthu Left Bank Extension Scheme (PLBE) (1x16MW) and Poringalkuthu SHEP Stage I (1x24MW). The capacity of proposed hydroelectric project is 1 x 24 MW. The total storage under the scheme is 32 MCM. The existing full reservoir level is 424 m. The Project cost is Rs.

8014.13 lakh. The elevation of the dam is at 424m AMSL. Based on discussions, the SEAC in its 169th meeting decided to recommend Standard ToR under Category 'B' of Schedule 1(c) (River Valley & Irrigation Projects), as per the EIA Notification, 2006 with 3 additional studies.

The Authority noticed that the Athirapally is an ESA village as per the Draft Notification of ESA dated 31.07.2022 and the hydroelectric projects are regulated in ESA villages with conditions. In these circumstances, the Authority decided to approve the Standard ToR under Category 'B' of Schedule 1(c) (River Valley & Irrigation Projects), as per the EIA Notification, 2006 with following additional studies.

- a. Uninterrupted ecological flow of at least thirty percent of the rivers flow in lean season, till a comprehensive study establishes individual baselines for each project
- b. A cumulative study that assesses the impact of each project on the flow pattern of the rivers and forest and biodiversity loss.
- c. The minimum distance between one project and the other is maintained at three kilometer and not more than fifty percent of the river basin is affected at any time,

Item No.18 Extension application for the Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. Najeeb Hassan N. for an area of 5.0878 Ha at Re Sy. Nos: 25/2, 37/3, 38/3, 38/4 & 38/11 of Muthuthala Village, Pattambi Taluk, Palakkad.

(SIA/KL/MIN/478610/2024)

Sri. Najeeb Hassan N, Nambrath, Kottaram, Valancheri, Kattipparuthi, Valancheri, Malappuram submitted an extension of EC application for Granite Building Stone Quarry for an area of 5.0878 Ha at Block No. 26, Re-Sy nos. 25/2, 37 /3, 38/3, 38/4, 38/11 in Muthuthala Village, Pattambi Taluk, Palakkad.

The Authority perused the proposal and noted the decisions various SEAC and SEIAA meetings. The Authority noticed that the 169th SEAC meeting recommended ToR for EIA study. However, the Authority noticed that the Project Proponent submitted the Form 6 application to extent the validity of the EC for the lapsed period due to delay in execution of lease. The Project Proponent vide his letter dated 31.07.2024 requested to extent the validity

of the EC for the lapsed period due to delay in execution of lease or till the life of mine as per the decision of the SEIAA in its 127th meeting. **In these circumstances, the Authority decided to hear the Project Proponent specifically for the clarification in the delay in execution of lease.**

General Decisions

1. Regional EMP for mining of projects in Cluster Condition with area less than 5Ha.

The Authority deliberated on the item and noticed that as per EIA Notification, 2006 ‘a cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other leases in a homogeneous mineral area’. In the Order of the Hon’ble NGT dated 13.09.2018, it is stated that “considering the nature of occurrence of minor mineral, economic condition of the lessee and the likely difficulties to be faced by Regulatory Authorities in monitoring the environmental impacts and implementation of necessary mitigation measures, it may be desirable to adopt cluster approach in case of smaller mine leases being operated presently.”

The Authority noted that in many of the project sites, there are working and non-working quarries within a 500m radius, altogether the total area may be less than 5 Ha. For assessing the cluster situation, in addition to functional quarries, the Authority considers all those quarries that are not closed as per the approved Mine Closure Plan. If the cluster area is more than 5 Ha the project proponent has to submit EIA report prepared by a NABET accredited agency and also has to conduct public hearing. As per the Order of the Hon’ble NGT dated 13.09.2018, and the Appendix XI of the EIA Notification, if the cluster area is less than 5 Ha, Regional EMP is required to be submitted with the EC application. Nevertheless, in majority of such cases, the project proponents submit an individual Environment Management Plan (EMP) with mitigation measures for their mining projects.

The Authority deliberated that for the better management and implementation of the mitigation measures the clusters having area less than 5 Ha, a Regional EMP considering all the projects within the cluster, prepared by a NABET accredited agency is essential. The Regional EMP shall include the comprehensive plan for drainage, traffic

management, blasting time, greenbelt plan, the EMC for each project, etc. Therefore, the Authority hereby decided that project proponents of the mining project in the clusters below 5 Ha have to submit the Regional EMP prepared by a NABET accredited agency along with the application. The decision shall be coming into force from 1st November 2024. The SEIAA Secretariat shall take necessary steps to publish the decision on the SEIAA website.

Sd/-

Dr H Nagesh Prabhu IFS (Retd)
Chairman, SEIAA

Sd/-

Sri K Krishna Panicker
Expert Member, SEIAA

Sd/-

Sri. K.R. Jyothilal IAS
Member Secretary, SEIAA