

**MINUTES OF THE 177th MEETING OF THE STATE LEVEL EXPERT APPRAISAL
COMMITTEE (SEAC), KERALA MEETING HELD ON 3RD AND 4TH JANUARY
2025, IN THE CONFERENCE HALL, STATE ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY, KERALA**

The meeting started at 10.00 AM on 3rd January 2025. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala, chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions:

PHYSICAL FILES

Item No.177.01 **Noting the minutes of the 175th SEAC Meeting held on 09th, 10th, & 11th December 2024 & 176th SEAC meeting held on 17th December 2024.**

Confirmed the minutes

Item No.177.02 **Environmental Clearance issued to M/s Prestige Hill Side Gate Way-Thrikkakkara Municipality - Complaint received from Link Valley Association against M/s Prestige Hill side Gate Way project – Refer back from 150th SEIAA
(File No. 588/SEIAA/KL/4504/2014)**

The Committee noted the decision of the 150th SEIAA meeting after considering the reply to the show cause notice, compliance status of the EC conditions and the report of the District Collector. The decision of the Authority is to (i) wait for the final judgement of O.A. No. 17 of 2023, (ii) provide all documents to SEAC for verification and report and (iii) seek a report from the Secretary, Thrikkakkara Municipality on the stake holders meeting to settle the issues related to the drainage problems faced by the Link Valley Association as agreed in the affidavit submitted by the District Collector, Ernakulam before the National Green Tribunal, South Zone. The Committee noted the reply to the show cause notice submitted by the Project Proponent vide letter dated 28.10.2024 in which it is stated that they have discarded the assessment made by the independent expert on the STP installation, and engaged M/s AQUAXIA Water Solutions LLP, headed by Dr. Balachandran, Retired Chief Scientist KSPCB & Empaneled Consultant. The report of M/s. AQUAXIA is made available to the Committee. The report concludes that the STPs with capacities of 280 KLD and 95 KLD, have shown consistent and reliable performance in treating domestic wastewater and consistently meets regulatory discharge standards, confirming that the biological and mechanical processes within the STPs are functioning efficiently. It is also reported that the physical infrastructure of both plants remains in good condition. It is further recommended that additional Ultra-Filtration (UF) systems and an Oil & Grease Separator will become necessary as the occupancy increases, to ensure the continued operational efficiency of the plants. The Committee also noted the compliance statement and the HYCR for the period

from October 2023 to March 2024. **The Committee decided to defer the matter for detailed verification of all the documents.**

Item No.177.03 **Environmental Clearance issued by MoEFCC to the hospital Complex project, St. Gregorios Medical Mission Hospital at Sy. Nos. 286/2, 286/3, 286/16 in Kadapra Village & Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala – Request for final inspection of the remedial measures and release of Bank Guarantee (File No. 1346/EC1/2023/SEIAA)**

The Committee discussed the item and noted the additional plan for the Natural & Community Recourse Augmentation (NCRA) vide letter dated 04.12.2024. The Committee examined the 8 additional activities proposed with a total cost of Rs. 8,44,150/- for implementing the NCRA and found them satisfactory. **Therefore, the Committee decided to recommend SEIAA to approve the NCRA Plan.**

Item No.177.04 **EC issued to the Granite Building Stone Quarry Project of Sri. Anshad E.P., Manging Partner, M/s Seas Rock Products at Re-Sy Nos. 426/3, 426/4, 426/5 in Neyyassery Village, Thodupuzha Taluk, Idukki - Complaint received from Sri.Manoj Kokkattu (File No.1641/EC3/2020/SEIAA)**

The Committee examined the proposal as per the direction of the 150th SEIAA meeting and noted the complaints received on different dates. Sri. Manoj Kokkattu vide e-mail dated 27.07.2024, forwarded a complaint against the quarry project. The complainant pleads to take action against the quarry operation as it creates problems like violating water conservation rules, green belt conditions, removing soil and dumping it against the condition provided, water level issues and lack of drainage channel with silt tanks. Subsequently, the Environment Department vide letter dated 01.04.2024 forwarded another complaint filed by Sri. Jose Mundackel and Sri. Manoj Kokkattu along with the report of Mining and Geology. **Since it is desirable to conduct a field verification for ascertaining the violations, if any, the Committee decided to defer the item for field inspection and report.**

Item No.177.05 **Environmental Clearance for the proposed building construction project as part of development of IT/ITES campus (Phase-1) at Technocity Campus in Re-Survey Nos. 4/1, 4/2, 4/3 and Re-Survey No. 1 (in Block No. 8 of Andoorkonam Village) and Re-Survey No. 387-part, 388, 389, 390, 401, 402 and Re-Survey Nos. 398 (Part), 399-(part), 400 (Part) (in Block No. 9 of Pallipuram Village), Thiruvananthapuram Taluk & District, Kerala to be developed by M/s Tata Consultancy Services Ltd. (SIA/KL/MIS/209935/2021, 1896/EC1/2021/SEIAA)**

The Committee examined the CER proposal submitted vide letter dated 12.11.2024. The CER proposal is revised for the installation of a Solar Plant at 200 houses constructed under the Life Mission Scheme with a budget of 200 lakh by replacing the following two activities from the list of Six activities approved under CER for a total cost of Rs.5,59,50,000/-.

1. Ananthanchira Drinking water project with an estimated cost of 100 lakhs.
2. Support to the Travancore Heritage Backwater Tourism Circuit Project (Veli to Kadinamkulam) with an estimated cost of 100laks.

On verification, the Committee observed that the CER proposal submitted is incomplete and it doesn't address the details of all the revised activities proposed. Therefore, the Committee decided to direct the Project Proponent to submit the complete details of the revised activity for Rs. 200 Lakh along with the other four activities to be continued under the approved list so as to have a complete CER Plan for the amount not less than Rs. 5,59,50,000/- along with the detailed budget split up.

Item No.177.06 **Mining activities in Ponmukham hill spread over Vallapuzha, Nellore and Chalavara villages in Ottapalam and Pattambi Taluks in Palakkad District – request for expert inspection reg - (File No. 2802/A2/2022/SEIAA)**

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Environmental Clearance issued from DEIAA, Palakkad to the Quarry Project of Shri.T.Gopinathan in Sy.No.59/1, Nellore Grama Panchayath, Pattambi Taluk, Palakkad.- Report of DC, Palakkad received based on the complaint of Sri.Hamza (File No.2393/EC1/2022/SEIAA)

Noted the decision of 150th SEIAA meeting

Item No.177.07 **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 Committee examined the proposal as per the decision of the 150th SEIAA meeting along with the compliance report submitted dated 12.10.2024. **Based on discussion, the Committee decided to defer the item for field inspection and report.**

Item No.177.08 **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 Committee examined the proposal as per the decision of the 150th SEIAA meeting. **Based on the discussion, the Committee decided to defer the item for field inspection and report.**

Item No.177.09 **Complaints against the Environmental Clearance issued to the Granite Building Stone Quarry Project of Sri. V. J. Chacko, Managing Partner, M/s. Parlikkad Granites for an area of 0.9996 Ha in Survey No: 153/7 Wadakkancherry Village, Thalappilly Taluk, Thrissur Dist. (SIA/KL/MIN/45120/2019; 1526/EC2/2019/SEIAA)**

The Committee examined the proposal as per the decision of the 150th SEIAA meeting. The Committee found that the Hon'ble High Court, vide its interim order dated 08.11.2024 in WP (C) No. 39374 of 2024, stayed all proceedings of the decision of the 172nd SEAC meeting. The Project Proponent also requested SEAC to hear him and reconsider the decision regarding the cancellation of EC. **Considering the direction of the SEIAA, the Committee decided to defer the proposal for hearing.**

Item No.177.10 **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)**

The Committee examined the proposal and noted the decision of the 150th SEIAA meeting. The project was rejected in the 148th SEIAA meeting by invoking the Precautionary Principle

as per the recommendations of the 169th SEAC meeting. Accordingly, the rejection order was issued vide No: 37/2024 dated 15.11.2024. The PP has submitted clarifications dated 02.10.2024 in response to the decision of the 169th SEAC meeting. The 150th meeting of the SEIAA has directed to hear the Project Proponent and examine the clarifications submitted by the Project Proponent. Vide letter dated 09.12.2024, the PP has submitted a request to reconsider and revoke the decision of SEAC taken in its 169th meeting stating that (i) they are regularly supplying huge quantities of aggregate for the road development works, (ii) the National Highway projects are facing a scarcity of material and (iii) while implementing the Precautionary Principle, it is also essential to consider the development needs of the state. The Committee also examined the letter dated 02.01.2025 submitted by the Muneera, Muhammed Shilaj and other residents from the 13th ward, Kaithakod, Nilamel expressing their consent to the implementation of quarry considering the sustainable development and employment. **Therefore, considering the representations and the direction of SEIAA, the Committee decided to defer the proposal for hearing.**

PARIVESH FILES (Ver-1)
CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE
PART-1

Item No.01 **Environmental Clearance for the Proposed Residential Project at Sy. Nos. 253/10, 253/9, 253/11, 253/12-3, 253/18-2, 253/6, 253/4, 253/16-2-1, 253/16-3, 253/16, 253/16-2, 255/2-1, 253/16-1, 255/11-1, 255/11-2, 255/11-3, 255/11-4, 255/11-6, 255/1, 253/4, 255/2-2, 255/2, in Kazhakkootam Village, Thiruvananthapuram Municipal Corporation, Taluk & District, Kerala to be developed by M/s Shanoor Projects & Realtors Pvt. Ltd. (SIA/KL/INFRA2/453077/2023, 2478/EC3/2023/SEIAA)**

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the revised documents, the amount earmarked for EMP is Rs. 379.9 Lakhs, incorporating the CER amount of Rs. 110 lakhs. As per the additional documents submitted on 18.10.2024, the total water requirement is 157 KLD. The FAR proposed is 3.80. The Project Proponent commits to provide an EV charging facility for 10% of the total parking requirement. As per the application, the total built-up area of the project is 28,707.89 m² with 3 building blocks having Gr. floor + 14 floors. The maximum height of the building proposed is 44.60 meters. The total number of apartments proposed is 214 Nos. The plot area is 0.7293 ha. (7,293.13 m²). The total project cost is Rs. 55.8552 Crore. The total quantity of excavated soil will be 1,094 cu.m. and it is proposed to be used for landscaping, backfilling, and internal road construction work within the site. The ground water table is found between 1.15 m. to 1.20 m below ground level. **Based on discussions, the Committee decided to recommend EC for 10 years for the proposal subject to the FAR permissibility and following specific conditions in addition to the general conditions.**

1. The FAR norms should be complied with strictly.
2. All the mitigation measures proposed in the EMP, along with additional measures suggested should be implemented during the construction and operational phases appropriately
3. The guidelines for green rating and green building certification to buildings based on green standards issued by the Government of Kerala vide GO (MS) No. 39/2022/LSGD dated 25.2.2022 should be adhered to.
4. Climate-responsive design as per Green Building Guidelines in practice should be adopted
5. Exposed roof area and covered parking should be covered with material having high solar reflective index
6. Green belt surrounding the campus, avenue tree planting, and garden development should commence from the beginning of the construction phase. Suitable local species should be used for green belt and avenue trees.
7. Vegetation should be developed appropriately on the ground as well as over built structures such as roofs, basements, podiums, etc.

8. The approved CER proposal should be implemented in total during the first two years and its operation and maintenance should be undertaken during the rest of the EC period.
9. The parking facility lost due to the conversion of the land used for vehicle parking at present for building construction should be compensated for
10. Adequate safety gadgets and instruments should be provided to the people engaged in solid and liquid waste management.
11. Periodic medical check-ups of the people engaged in the waste management activities should be undertaken, and their health management ensured.
12. The Kerala Energy Conservation (Building Code) Rules 2017 should be complied with.
13. Energy conservation measures, as proposed in the application, should be adopted in total. The PP should examine the scope for improving energy conservation measures periodically and implement the same.
14. Periodic monitoring of water samples from the groundwater sources should be carried out and treatment measures incorporated as required
15. The proposed STP should be augmented with tertiary treatment unit to ensure the quality of treated water for re-use /recycling for flushing / gardening/ firefighting/ recharge of local groundwater as per the plan submitted.
16. Treated water from STP should be reused to the maximum extent, and balance, if any should be discharged through a series of soak pits for recharging the local groundwater, as far as possible.
17. The proponent should implement the storm-water drainage plan as proposed.
18. Rainwater harvesting plan should be implemented in compliance to the Kerala Municipal Building Rules, 2019.
19. Water efficient plumbing features for saving water use should be adopted as per the plan submitted.
20. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.
21. The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).
22. Building design should cater to differently-abled citizens
23. Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area and if necessary, the carrying capacity of the natural drain should be enhanced to contain the peak flow
24. Buildings should be barricaded with GI sheets of 6 m. (20 feet) height and provided appropriate protection so as to avoid disturbance to other buildings nearby during construction.
25. Construction work should be carried out during day time only.

26. All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.
27. All vehicles carrying construction materials should be fully covered and protected.
28. All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.
29. Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.
30. Occupational health safety measures for the workers should be taken during the construction.
31. All vehicles during the construction phase should carry PUC certificate.
32. D.G. set should be provided with adequate stack height and acoustic enclosure and regular maintenance should be carried out periodically

Item No.02 Environmental Clearance for Granite Building stone of Sri. A Ravidran Proprietor, M/s Star Metals for an area of 1.2892Ha at Re Sy No 512/3 (Block No.12) in Kollengode-2 Village, Chittur Taluk, Palakkad District, Kerala (SIA/KL/MIN/146308/2020, 1611/EC1/2020/SEIAA)

The Committee scrutinized the additional documents submitted by the project proponent vide letter dated 16.12.2024. The Committee noted the letter of the State Disaster Management Authority dated 01.11.2024 directing to approach any competent technical agencies such as NITs, IITs, Rock Mechanics Institute, or Indian School of Mine for the technical report on the possibility of slope instability. **Therefore, the Committee decided to direct the PP to submit a detailed study report from one of the competent technical agencies regarding the possibility of rock falls/slide in the cliff face of the Palghat gap near Sitharkund areas of Nelliampathy hills due to quarrying activities.**

Item No.03 Environmental Clearance for the Building Stone Quarry project of Sri. Rajan Thomas, for an area of 4.9231 Ha. at Re-Survey Nos. 205/3, 205/5, 199/3, 199/8, 199/7, 199/7-1, 199/9, 199/6- 1, 198/1, 198/2, 197/1, 198/5, 198/5-6, 198/4, 207/1, 198/3, 206/2, 206, 206/4, 206/1, 206/3 in Kanjirappally Village & Panchayat, Kanjirappally Taluk, Kottayam. (SIA/KL/MIN/164009/2020, 1372/EC2/2019/SEIAA)

As invited, the Project Proponent, Sri. Rajan Thomas and the Consultant, Mr. Jomon. M.C, M/s Environmental Engineers & Consultants Pvt. Ltd. were present. The consultant made the presentation. The presentation included the chronology of events since the application for ToR for the project was submitted on 9.5.2019 till the 173rd meeting of SEAC in which the PP was invited for a presentation. The presentation also included (i) response and remarks to all the concerns raised in the complaint dated 6.12.2023 by Sri. Raju R, President, Mahakalipara Devi Temple, Sri. Rajesh K and Sri. P. Jayakumar, (ii) response to the observation made by the SEAC in its 173rd meeting and also in its 131st meeting. The Committee also examined the report of the evaluation of the EIA statement and reports

submitted by the National Institute of Technology Karnataka (NIT-K), Surathkal regarding the impact of blast induced vibration and slope stability. The Committee noted that the response of the PP regarding the incorporation of all the suggestions in the EIA report is satisfactory. During the presentation, the PP also submitted a report from Thahsildar vide dated 12.12.2024 regarding the news report about the danger of the water stagnated quarries in the Kanjirapally village. The excess water of the quarrying pit is flowing to the nearby natural streams.

The total mineable reserve is 24,65,940 MT for a mine life of 10 years. The elevation of the proposed area varies between 130 m AMSL to 65 m AMSL. The depth to water table varies from 0 to 5m bgl. The nearest house is located at a distance of 76.4 m from the proposed site. The Public Hearing was conducted on 06.03.2020. The distance to the nearest high-hazard zone is 4.29 km, and distance to the nearest medium-hazard zone is 3.75 Km. **Based on discussions, the Committee decided to recommend EC for a period of 10 years subject to the following specific conditions in addition to the general conditions and subject to the outcome of litigations, if any, pending. The EC may be issued after obtaining NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003, as ordered by the Hon'ble High Court of Kerala in WP (C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.**

1. The blasting should be done as per the recommendations of the study conducted by the NIT-K, Surathkal.
2. All the precautions with respect to the slope stability as suggested in the report of National Institute of Technology Karnataka should be taken meticulously.
3. The depth of mining should be limited to the lowest ground level of the site (65m above MSL) considering the depth to ground water table
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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.

10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.04 Environmental clearance for the Granite Building Stone Quarry project for an area of 0.9642 Ha at Re- survey no. 291 in Oorakam village, Thirurangadi Taluk, Malappuram.
(SIA/KL/MIN/167408/2020, 1946/EC6/2022/SEIAA)

The Committee scrutinized the additional documents submitted by the project proponent vide letter dated 20/11/2024 and found that they are not satisfactory. Regarding the response to the mass protest of the local people against the proposed quarry, the PP stated that there were no written complaints other than complaints made and concerns raised during the site inspection by three or four people from the neighboring residences. The environmental status of the area within 500m radius of the project site considering various abandoned and ongoing quarries, land fragility, proneness to landslides considering the terrain slope, overburden thickness, soil characteristics, lithology, vegetation, rainfall characteristics etc. are not brought out in detail. The Comprehensive Environmental Management Plan for mitigating the impacts on land, water and biodiversity is also not site specific and comprehensive. In the circumstance, **based**

on discussion, the Committee decided to direct the Proponent to revise and re-submit the following additional documents sought earlier.

1. Response to the mass protest of the local people against the proposed quarry.
2. Environmental status of the area within a 500m radius of the project site considering various abandoned and ongoing quarries, land fragility, proneness to landslides considering the terrain slope, overburden thickness, soil characteristics, lithology, vegetation, rainfall characteristics, etc.
3. Comprehensive Environmental Management Plan for mitigating the impacts on land, water, and biodiversity.
4. 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.

**Item No.05 Environmental Clearance for the Mining of Building Stone Quarry project of Sri. Saji Abraham for an area of 1.4718 Ha at Sy. Nos. 917/3B2-2, 917/3B, 917/3B-2, 917/3B1, 917/4-2-3, Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam.(ADS Received)
(SIA/KL/MIN/288750/2022, 2129/EC3/2022/SEIAA)**

The Committee scrutinized the additional documents submitted by the project proponent dated 18.12.2024. The revised project cost is 4,98,38,961 (about 5 Crores). As per the cluster certificate dated 30.06.2024, states that the following 2 quarries are located within 500m of the proposed quarry.

1. Non-working quarry of Sri. Saji Abraham for an area 91.10 Ares (.91Ha)
2. Working quarry of Sri. Jimmy Jose for an area of 1.9442Ha.

The PP also submitted the approval letter of the mine closure plan of the adjacent quarry of Sri. Jimmy Jose dated 04.11.2024 for an area of 1.9442Ha. However, it is noted that the validity of the project expires on 22.08.2027. The PP also submitted a notarized affidavit regarding the NOC from the Irrigation Department for conducting mining activities. The NOC was issued for a period of 1 year subjected to 11 conditions. On verification, it is found that the Comprehensive EMP doesn't address the cost and responsibility sharing of each adjacent quarry. **Therefore, the Committee decided to direct the PP to submit the revised Comprehensive EMP prepared by a NABET-accredited agency considering the impacts and mitigation measures and the responsibility of each PP of the adjacent mines.**

**Item No.06 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Abdu Rahoof for an area of 3.2586 Ha at Resurvey No. 104/2B-5,104/2B 7,104/2B-4,104/2B-38 ,Block No.2 in Kannamangalam village ,Thirurangadi taluk, Malappuram.
(SIA/KL/MIN/414508/2023, 1763/EC6/2020/SEIAA)**

As invited, the Project Proponent Sri. Abdu Rahoof and Dr. A. Dhamodharan were present. The Consultant presented the EIA report. As per the presentation, the elevation of the proposed area varies between 355m MSL and 295m MSL. The mineable reserve is 20,02,795

MT, and the life of mine is 20 years. The Project cost is 2.59 Crore. The ultimate pit level proposed is up to 270 m AMSL. The project area falls under the moderate hazard zone. As per the Cluster Certificate dated 24.06.2020, there are two quarries located within a 500m radius viz. Quarry of Shahanas Edathola for an area of 1.7063 Ha and Quarry of Sri. Abdhul Hameed for an area of 3.1479 Ha. Hence, the certificate indicates Cluster condition. The Public hearing was conducted on 05.07.2022 at Malappuram Municipal (Bus Stand) Auditorium. The nearest house is at 175m from the project boundary. During the presentation, it was noted that the Comprehensive EMP has not adequately addressed the impacts of the adjacent mines as well as the responsibility sharing aspect of the EMP implementation. **Based on the discussion, the Committee decided to direct the PP to submit the following additional documents.**

1. Approval of the District Level Crisis Management Committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05-2014 as a portion of the site falls in a moderate hazard zone.
2. 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.
3. Revised Comprehensive EMP considering the impacts of adjacent mines along with a plan for combined implementation, responsibilities, and fund sharing of each of project proponents within the cluster.

Item No.07 Reappraisal of Environmental Clearance for the Granite Building Stone Quarry of Sri. Sunny Jose, Managing Partner of M/s. Payyavoor Granites for an area of 4.7036 Ha at Re Survey Block No. 84, Re Survey Nos. 1/1 & 1/12121 in Payyavoor Village, Taliparamba Taluk, Kannur District. (SIA/KL/MIN/456129/2024, 2517/EC4/2024/SEIAA)

The Project Proponent was invited for a presentation as per the decision of the 173rd SEAC meeting. However, the Project Proponent's mail dated 03.05.2025 requested to defer the presentation since he had not received intimation to his mail id (granitespayyavoor@gmail.com) from the SEIAA office. It is noted that the SEIAA secretariat forwarded intimation via email to payyavoorganites@gmail.com with all relevant details dated 23.12.2024. **Considering the request of the Project Proponent, the Committee decided to give one more chance to present the Proposal. The SEIAA secretariat shall provide intimation well in advance via email granitespayyavoor@gmail.com as in the Parivesh Portal.**

Item No.08 Environmental Clearance for the Expansion of Technopark Phase III in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram, Kerala (SIA/KL/MIS/52532/2019, 1555/EC1/2019/SEIAA)

The Project Proponent was invited for a presentation as per the decision of the 173rd SEAC meeting. But the Project Proponent, vide e-mail dated 01.01.2025, requested to reschedule

the presentation of the proposal to the next meeting as the EIA coordinator, Dr. Benjamin, is undergoing certain medical emergency due to his ill health. **In the circumstance, the Committee decided to give one more chance for presentation of the Proposal.**

**Item No.09 Environmental Clearance for the Common Biomedical Waste Treatment Facility by IMAGE-IMA at Block No 26, Re. Sy No 340/1/19, 340/1/20, in KINFRA Park Enadimangalam Village, Adoor Taluk, Pathanamthitta
(SIA/KL/INFRA2/434354/2023, 2308/EC1/2023/SEIAA)**

As invited, Sri. Sidharthan B, Joint Secretary Southern zone, Sri. Pramod and Dr. Sidharth Francis represented the IMAGE-IMA along with Consultant Dr. Ravi Kiran of Pragathi Labs & Consultants Pvt Ltd., Hyderabad along with his Team Member Smt. Rasmi were present. The Consultant and the Team Member made the presentation. As per the presentation, the land area is 3 acres (1.214 Ha.). The capacity of the proposed project is 20,000 Kg/day (20 TPD) (7300 T per annum). The project cost is Rs. 24.84 Crores. The Kallada River is located at 3.9 km from the proposed area. During the presentation, the unit proposed that zero liquid discharge of water and no single drop of effluent be released outside the project premises. The unit will be adopting UF method, and additional subsurface drainage management measures will also be implemented (subsurface dykes to contain the water flow inside the unit to avoid the contamination of ground and surface water outside the premises). The Public Consultation was conducted on 07.09.2024, and the PP vide letter dated 30.10.2024 submitted the response to the concerns raised in the Public Consultation. It is noted that about 800 people attended the public consultation, and 135 people submitted written complaints. There are several complaints received on different dates against the proposed project. **In these circumstances, the Committee decided to direct the PP to submit a detailed response to the concerns raised in the Public Consultation along with scientific and technical solutions, wherever applicable. The PP shall also provide details for the management of radioactive wastes in the treatment plant.**

Item No.10 Environmental Clearance for the Development of Technocity Technology Park in Veiloor, Pallipuram, Andoorkonam, Melthonnakkal Villages, Thiruvananthapuram Taluk & District., Kerala (SIA/KL/MIS/62018/2020, 1588/EC1/2020/SEIAA)

As invited, authorized persons Sri. Rahul Thampi RI, AGM (Civil), Abhilash MR, Manager were attended the meeting. The Authorized persons briefed the salient features of the project along with the response to the observation of the 175th SEAC meeting. After hearing the presentation, the Committee observed the following in response to the clarifications sought in the 175th SEAC:

1. The details regarding additional documents, 1 & 2 sought have been completed, but the details are not uploaded.
2. The additional documents, 3 to 8 sought are reported to be under preparation and therefore has not been submitted.

3. The additional document, 9 sought was done but the details are yet to be uploaded.
4. The additional document, 10 sought is regarding a study by the NATPAC and it has been entrusted to M/s. NATPAC the details of which will be uploaded after completion of the study.
5. The ADS, 11-13 sought is yet to be completed and the same shall be submitted after completion.
6. The ADS, 14-15 sought are completed and the details are not uploaded.
7. The ADS, 16-20 and 23 sought are yet to be carried out and details are not uploaded.

In these Circumstances, the Committee decided to direct the PP to submit the following Completed documents.

1. Permission from the Revenue Department for the conversion of paddy land as per the Kerala Conservation of Paddy Land and Wetland Act 2008.
2. The compliance details against each of the ToR approved.
3. Detailed water management plan with water balance estimate ensuring maximum recycle/reuse along with a budget estimate for implementing the proposed recommendations, to be incorporated in the EMP.
4. Plan for harnessing solar energy to meet at least 10 % power requirement along with budget estimate.
5. Plan for installing Electric Charging Points in the Vehicle parking Areas and budget estimate.
6. Proposal consisting of monitorable physical targets to be implemented under Corporate Environment Responsibility (CER) as envisaged in the guidelines in the SEIAA-Kerala website prepared as per the relevant OMs of MoEF & CC.
7. Plan for utilization of the excavated clay/soil from the proposed area for most appropriate uses.

The following documents reported under preparation should be submitted after completion.

1. Scientific plan for eco-restoration and maintenance of the two streams flowing through the area, including provision for side protection and vegetative measures with cost estimates and timeline.
2. Proactive measures to be undertaken in collaboration with the Irrigation Department for facilitating and supporting appropriate actions, including expansion of the width of the stream.
3. Confirmation from the Irrigation Dept for taking up the work along with the proposed plan for restoration of two streams flowing through the area.
4. Revised stormwater management plan using site-specific methods, considering the proposed rainwater harvesting facility, diversion of the drain, encroachment of the portion of the stream, anticipated capacity of a proposed detention pond, potential for recharging of rainwater for replenishing the local ground water aquifer etc.
5. Plan for the following along with budget provision:
 - Removal of the encroached structures along the stream banks and proposed actions for preventing further encroachments.
 - Periodic de-siltation of the stream during the post and pre monsoon seasons for ensuring unhindered flow throughout the year

- Measures to prevent waste dumping into the stream including installation of CCTV etc.
 - Arrangements for handing over the segregated recyclable waste and composted food and other solid waste from the onsite facility to authorize agencies.
 - Details of Detention Pond to be provided at a suitable location to regulate the flow of the streams.
6. Integrated waste management plan after estimating the anticipated waste generation under different categories of waste such as construction waste, domestic solid waste, liquid waste and e-waste and their collection, storage, transportation, reuse & recycle and disposal measures required, a proposed location suggested for installation of waste management facilities etc along with appropriate action plans and budget as the details given in the report is very sketchy.
 7. Traffic management plan within and outside the proposed campus considering the proposed activities during the construction and operation phases of the project and the present and future projections of traffic in the proposed campus, adjacent roads and the National Highway, nearby along with budget for implementing the proposed recommendations, to be incorporated in the EMP.
 8. Plan for green belt development and avenue plantation using indigenous species of trees along with budget estimate, to be incorporated in the EMP.
 9. Plan for Compensatory Afforestation including Miyawaki Forest along with geo-tagged photographs of the proposed area, the number of trees proposed to be planted, and the indigenous species that will be preferred along with budget estimate, to be incorporated in the EMP.
 10. Details of treatment proposed for the Roof-top Rain Water harvested, ensuring recycle and reuse within the compound along with budget estimate.
 11. Revised EMP integrating the EMPs of the approved projects and EMPs anticipated for the future projects envisaged and also incorporating the above said mitigation measures.
 12. Revised Environment Management Framework considering various environmental rules and guidelines to be complied including the KMBR.
 13. The comprehensive impact of the proposed project on the nearby communities considering various environmental aspects that affect the local communities
 14. Comprehensive Social Impact Assessment Study, particularly considering the nearby communities as it is not submitted
 15. Project cost, revised cost for implementation of EMP and Environmental Monitoring Plan as stipulated under item No XIX and XXII of standard ToR as it is not provided. The budget for some of the mitigative measures/activities are not found incorporated.
 16. Details of the District Court Order on OS 83/2014 which are not found uploaded.

Item No.11 **Environment Clearance for proposed Expansion of Mixed Use Township development project to be developed by M/s Calicut Landmark Builders & Developers (India) Pvt. Ltd. at Re-Sy. No. 27/3, 32/1, 32/4, 32/5, 31/4, 31/7, 31/8, 31/9, 35/1B (part), 30/4C, 31/5, 31/6, in Pantheerankavu Village, Olavanna Panchayat, Kozhikode Taluk & District – Judgment dated 11.09.2023 in Appeal No. 05/2022 (SZ) before the Hon’ble NGT & WP(C) No. 30399/2023 filed by M/s Calicut Landmark Builders & Developers (India) Pvt. Ltd, WP(C) No.32797/2023 filed by SEIAA & WP(C) No.35871/2023 filed by Dr.Vineeth.K.Adiyodi & others before the Hon’ble High Court. (SIA/KL/MIS/73563/2022, 1193/EC2/2018/SEIAA)**

The Committee examined the proposal and noted that the project was processed physically in the 175th SEAC meeting. The Committee noted the letter of the project proponent dated 02.12.2024 in response to the decision of the 140th SEIAA meeting. As per the letter, it is intimated that the MoEF&CC Expert Committee visited the site on August 20th, 2024, and the PP is waiting for the final report. The PP has not submitted any details/documents in response to the direction of the SEIAA. Hence, the Committee decided to inform the Authority to direct the PP to fulfill the direction of the Hon’ble High Court of Kerala and submit the documents/details as decided in the 140th SEIAA meeting for further appraisal of the proposal for expansion of the project. **Currently, as per the Parivesh records, the online file is ‘under consideration of SEAC’; hence the Committee decided to take the same decision for online processing of the file and recommended to refer the file to SEIAA as decided earlier.**

PARIVESH FILES (Ver-2)

PART-1

Item No.01 **Environmental Clearance for the Granite Building Stone Quarry Project of P J Joshy, Managing Partner, M/s. Peejay Granites for an area of 0.9995 Ha at Re. Survey No. 400/3, 404/1 & 404/3 in Mangalam dam Village, Alathur Taluk, Palakkad District. (SIA/KL/MIN/495650/2024)**

The Committee examined the proposal and discussed it in detail. As per the approved mining plan, the mineable reserve is 2,43,825 MT for a mine life of 3 years. The project cost is 129 Lakhs. The elevation of the area varies between 120 m AMSL to 105m AMSL. The medium hazard zone is located at a distance of 3.12km from the proposed site. The high hazard zone is located at a distance of 3.64 km from the proposed site. The Peechi-Vazhani WLS and Chimmony WLS are within a 10km radius of the proposed site. **The Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. Recent Cluster certificate from the Mining & Geology Department.

2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. 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 4655of 2024 dated 19-04- 2024.
4. Depth to water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary and site elevation.
5. Proof of application submitted for Wildlife Clarence.

Item No.02 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Palakkan Abdul Azeez for an area of 1.6006 Ha at Block No. Q – 02, ReSurvey Nos: 1065/212, 1065/28, 1065/55, 1065/31, 1065/32 & 1065/48 in Melmuri Village, Ernad Taluk, Malappuram. (SIA/KL/MIN/491674/2024)

The Committee scrutinized the proposal and discussed it in detail. The ToR for the proposed project was approved vide file No. SIA/KL/MIN/432771/2023, 2297/EC6/2023/SEIAA dated 12.09.2023. The public consultation of the project was held on 11.6.2024 in which 25 people participated and many of them raised serious concerns about the project. As per the application, the total mineable reserve is given as 5,56,618 MT for a mine life of 10 years. The project cost is given as Rs. 200 Lakhs. The elevation of the proposed area varies between 65m AMSL to 90m AMSL. The Depth to the water table is 12 m below ground level at 45m AMSL. The medium hazard zone is located at a distance of 291.95m from the proposed site. The PP also submitted a response to Complaints and concerns raised in the public hearing held on 14.05.2024. As per the Cluster Certificate dated 05.05.2023, there are 3 quarries within a 500m radius altogether the area is 9.6853 Ha. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. Revised Comprehensive Regional EMP prepared by a NABET accredited agency considering all the quarries within the cluster, their activities, impacts and mitigation measures.
2. Recent CCR from the IRO, MoEF&CC, Bangalore.
3. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
4. 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 4655of 2024 dated 19-04- 2024.

Item No.03 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Sujeesh.V for an area of 2.0675 Ha at Re-Survey No. 340/1-87-1, 340/1-87-3, 340/1-88-1 in Enadimangalam Village, Adoor Taluk, Pathanamthitta (SIA/KL/MIN/493178/2024)**

The Committee scrutinized the proposal and discussed it in detail. The site is located East Southeast of the KINFRA park on the same ridge top. As per the application, the total mineable reserve is reported as 6,67,985 MT for a mine life of 5 years. The project cost is 2.50 crores. The elevation of the proposed project varies between 110 m AMSL to 75 m AMSL. As per the Cluster certificate dated 12.07.2024, there is no working quarry within 500 radius of the proposed site. The low-hazard zone is located at 2.93 Km away from the Project site. As per Google imagery, there is another EC issued Granite quarry of Sri. Mathew Daniel (SIA/KL/MIN/127122/2019, 1562/EC1/2019/SEIAA) for an area of 2.2392 Ha within a 500m radius of the site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. Latest Survey Map indicating distance to all the built structures within 200m distance from the project boundary.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. 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 4655of 2024 dated 19-04- 2024.
4. Revised Cluster Certificate form the Mining and Geology Department considering all the working quarries, quarries that are not issued mine closure certificates and that are given LoI and located within a radius of 500m

Item No.04 **Environmental Clearance for the Granite building stone quarry project of True Stone Black Rock LLP. for an area of 0.9046 Ha at Block No. 72, Re-Sy. Nos. 38/7 in Venganellur Village, Thalappilly Taluk, Thrissur District (SIA/KL/MIN/496540/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is reported as 1,75,185 MT for a mine life of 3 years. The project cost is 1.2467 Crores. The elevation of the proposed area varies between 105m AMSL to 85m AMSL. The depth to the water table is given by 7m below ground level at 55m AMSL. The distance to nearest house is 60.3m from the proposed site. The Chulannur Wildlife Sanctuary and the Peechi-Vazhani Wildlife Sanctuary are located within a 10km radius. As per the cluster certificate dated 24.07.2024, a non-working quarry is situated within a radius of 500m radius of the proposed site. The medium hazard zone is located at a distance of 8.82 km from the proposed site. As per the Google imagery, there is another proposal (SIA/KL/MIN/501213/2024) for an area of 0.9898 Ha submitted by the same proponent side by side. **Based on the discussion, the Committee decided to invite the Proponent for a**

presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.

1. Clarification for the 2 projects proposed side by side by the same Proponent, instead of submitting a single application by considering it as a single project
2. Clarification regarding the feasibility of mining with respect to the depth to water table reported as 7m below ground level.
3. 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 4655of 2024 dated 19-04- 2024.
4. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
5. Proof of application submitted for Wildlife Clearance.
6. Integrated Regional EMP prepared by a NABET accredited agency considering the adjacent quarries.

Item No.05 Environmental Clearance for the Construction of Hospital with 160 No. of Beds with total Built up area of 31,195 sq.m, “Rachis Multi-Speciality Hospital of Sri Chandrasenan A. (Partner) at Re-Survey NosSy.no. 115/5APT 12, 115/5APT 47, 115/5APT 49, 115/5APT 15, I 15/5APT 13, 115/5BPT 56, 115/5BPT 14 of Adkathbail Village, Kasaragod Taluk & District. (SIA/KL/INFRA2/495694/2024.)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total built-up area is given by 31,195 sq.m. with a plot area of 7,621 sq.m. The project cost is given as 81.02 Crores. The total STP capacity proposed is 150 KLD. The floors proposed are Basement + Ground + 7 Floors + Terrace Floor. The excavated ordinary earth will be reused within the site for landscaping and leveling (611 cu.m), and the excess amount of 38,623 cu.m will be given to the road contractors. The parking space is proposed for 244 Cars and 61 two wheelers. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal.**

Item No.06 Revalidation of Environmental Clearance issued from DEIAA, Kozhikode for the proposed granite building stone quarry project of Sri. Mr.T.P Linej for an area of 1.6285 Ha at Survey No.2416 & 2417 (Un survey-Not Final) Koodaranji Village, Thamarassery Taluk, Kozhikode. (SIA/KL/MIN/497295/2024)

The Committee scrutinized the proposal and discussed it in detail. It is noted that the Project proponent has applied for reappraisal of the project as per the direction of the SEIAA vide letter dated 20.09.2023. The site inspection of the proposed project was carried out on 25.04.2022. The quarry site is located 320m from the moderate hazard zone and 3.4km from high hazard zone. The EC from DEIAA, Kozhikkode was issued vide File No. No.63/DEIAA/KL/MIN/7255/2017 dated 26.04.2018 and the validity expired on 26.04.2023.

As per the approved mining plan, the mineable reserve is 5,08,884 MT for a mine life 12 years. The mine lease for the proposal was executed vide order dated 06.03.2019 for a period of 12 years with a reserve of 5,08,884 MT. The elevation of the area varies between 180 m MSL to 125 m MSL. As per the Scheme of mining approved dated 31.05.2024, the balance mineable reserve available is 2,74,400 MT for a mine life of 6.09 years. As per the Certificate dated 17.07.2024, this is no working quarry with a 500m radius of the site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.07 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. P. V Devassykutty for an area of 1.0605 Ha at Block No. 003, Survey Nos: 49/386, 49/387, 49/390 in Nalloornad Village, Mananthavady Taluk, Wayanad. (SIA/KL/MIN/497238/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is given by 251642.39 MT for a mine life of 5 years. The elevation of the area varies between 774.5m AMSL to 804.8m AMSL. The depth to the water table is given as 10m below the ground level at 732 AMSL. The ultimate pit level proposed is 760m AMSL. The nearest house is located at a distance of 102.2m from the proposed site. As per the cluster certificate dated 04.09.2024, there are no working quarries within a 500m radius. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.08 **Environmental Clearance for the Granite Building Stone Quarry Project of Smt.Sumaya Ibrahim for an area of 1.9483 Ha at Survey Nos: 467/1A/43/30 (subdivided 467/1A/43/30, 467/1A/43/30/60) in Pindimana Village, Kothamangalam Taluk, Ernakulam. (SIA/KL/MIN/498567/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve reported is 5,41,748 MT for a mine life of 5 years. The elevation of the proposed area varies between 72m RL to 94 m RL. The project cost is Rs. 2 Crores. The Thattekkad bird sanctuary is found at a distance of 3.7 Km from the project boundary. There is a crusher building within 50m radius. As per the cluster certificate dated 04.09.2024, there are no working quarries within 500m radius of the proposed site. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Proof of application submitted for Wildlife Clearance.
4. EMP prepared by a NABET accredited agency
5. Depth to water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary and site elevation.
6. Revised Compensatory afforestation plan, preferably in a public place, with geo-tagged photographs and species proposed to be planted.

Item No.09 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Fayis C. K, Managing Partner, M/s. Planet Sand & Aggregates for an area of 4.7672 Ha at Survey No. 208/1 in Alanallur III Village, Mannarkad Taluk, Palakkad District. (SIA/KL/MIN/498928/2024)**

The Committee scrutinized the proposal and discussed it in detail. The ToR for conducting EIA study was approved vide Letter No. SIA/KL/MIN/425815/2023, 2255/EC1/2023/SEIAA dated 14.08.2023. As per the application, the total mineable reserve reported is 17,84,368 MT for a mine life of 15 years. The Project cost proposed is 50 lakhs, which seems to have not considered all the aspects of the project. The elevation of the proposed area varies between 233 m MSL to 129m MSL. The depth to the water table varies between 6m to 8m below ground level. The Silent Valley National Park is located within 10km radius of the proposed site. As per Google imagery, the medium hazard zone is located at 1.77km from the project boundary. The Public Hearing for the proposal was conducted at 29.04.2024 at 11.00 AM in Sana Auditorium, Edathanattukara, Mannarkad. **Based on discussion, the Committee**

decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Revised Project Cost incorporating all the aspects including land cost

Item No.10 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Joshy P.J, Managing Partner, M/s Penta Granites for an area of 0.8075 Ha at Block 39, Re. Survey No. 14/13, 14/15, 14/11 &15/4 in Kizhakkancheri-II Village, Alathur Taluk, Palakkad District. (SIA/KL/MIN/498735/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is 2,07,800 MT for a mine life of 3 years. The project cost is 122 Lakhs. The elevation of the proposed area varies between 160 m AMSL to 135m AMSL. The medium hazard zone is located at a distance of 640m from the proposed site. The depth to the water table is given as 14.5 m below ground level at 100.5m AMSL. As per the PFR, the Peechi-Vazhani WLS is located at a distance of 5.20 km, and Chimmony WLS is located at a distance of 5.01 Km from the project site. The nearest building is located at a distance of 58m from the boundary. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Proof of application submitted for wildlife clearance.

Item No.11 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K T Paul, Managing Director, M/s Pavan Quarry & Aggregates Pvt. Ltd for an area of 0.7789 Ha at Block no: 16, ReSurveyNo. 252/2 in Rayamangalam Village, Kunnathunad Taluk, Ernakulam.(SIA/KL/MIN/499331/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is 2,02,658 MT for a mine life of 2 years. The project cost is given as Rs. 80 Lakhs. The elevation of the proposed area varies between 52m AMSL to 66m AMSL. A shed is located at a distance of 55m from the project boundary. As per the Cluster

Certificate dated 30.08.2024, a non-working quarry of Sri. KT Paul for an area of 2.9190 Ha is situated within a 500m radius. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Regional integrated EMP prepared by a NABET accredited agency considering all the quarries within the cluster and their activities and impacts.
4. Depth to the water table below ground level in the nearest dug well along with a geotagged photograph of the well, distance from the project boundary, and site elevation.

Item No.12 Environmental Clearance for the Granite Building Stone Quarry of Sri. Shyjan Mathew, Managing Director, Misty Rock Pvt. Ltd for an area of 0.9670 hectares at Re-survey nos. 172/1701, 172/3255, 172/553, 172/1698 in Kodyathoor Village, Kozhikode Taluk, Kozhikode. (SIA/KL/MIN/499414/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is 3,05,301.47 MT for a mine life of 3 years. The project cost is Rs. 1,72,96,880/-. The elevation of the proposed area varies between 187.94 to 135.37m MSL. The nearest built structure is located at a distance of 253.6m from the site. As per Cluster certificate no DOKOZ-DMG/1213/2023-M dated 31.08.2024, there is a non-working quarry of Sri. Muraleedharan V M, for an area of 2.0138Ha, found within a 500m radius of the project site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
5. Comprehensive Regional EMP prepared by a NABET accredited agency considering all the quarries within the cluster and their activities and impacts.
3. Revised Compensatory afforestation plan, preferably in a public place, with geo-tagged photographs and species proposed to be planted.

Item No.13 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri.T.P Sajad, Managing Partner, M/s P P Associates for an area of 0.7530 Ha at Block no: 12, ReSurveyNo. 110/7,110/8 in Vengoor Village, Kunnathunad Taluk, Ernakulam. (SIA/KL/MIN/500685/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is 1,50,955 MT for a mine life of 2 years. The project cost is 80 Lakhs. The elevation of the project area varies between 44m AMSL to 64m AMSL. The medium hazard zone is located at a distance of 5.9 Km from the site. The Cluster certificate dated 11.09.2024 indicates the presence of one quarry within a 500m radius and an altogether area of 1.3576 Ha. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Comprehensive Regional EMP prepared by a NABET accredited agency considering all the quarries within the cluster and their activities and impacts.
4. Depth to the water table below ground level in the nearest dug well, along with geotagged photograph of the well, distance from the project boundary, and site elevation.
5. Legible Survey Map indicating distance to all the built structures within 200m distance from the project boundary.

Item No.14 **Environmental Clearance for the Granite building stone quarry project of True Stone Black Rock LLP. for an area of 0.9898 Ha at Block No. 72, Re-Sy. Nos. 38/7 & 38/8 in Vengannellur Village, Thalappilly Taluk, Thrissur District (SIA/KL/MIN/501213/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the total mineable reserve is 1,92,134 MT for a mine life of 3 years. The project cost is Rs. 1.27 Crores. The elevation of the area varies between 110 m AMSL to 85 m AMSL. The nearest building (Office building) is located at a distance of 39m from the proposed site. The Chulannur Wildlife Sanctuary and the Peechi-Vazhani Wildlife Sanctuary are located within a 10km radius. As per the Google imagery, there is another proposal(SIA/KL/MIN/496540/2024) of the same proponent side by side with an extend of 0.9046 Ha. The depth to the water table is given as 7 m below ground level at 55 m AMSL. The depth of mining should be limited to 5m bgl considering the local groundwater regime. **Based on the discussion, the Committee decided to invite the Proponent for a**

presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.

1. Clarification for the two projects proposed in side by side by the same Proponent, instead of submitting a single application by considering it as a single project
2. Feasibility of proposed mining with respect to depth to the water table at 7m below ground level.
3. 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.
4. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
5. Proof of application submitted for Wildlife Clearance.
6. Integrated EMP prepared by a NABET-accredited agency.

Item No.15 Environmental Clearance issued to the Granite Building Stone Quarry of Sri. Sameer P. for an area of 2.7047 Ha at Re. Sy. No. 237/2, 237/1, 237/1-2 in Nediyruppu Village, Kondotty Taluk, Malappuram – Amendment in EC. (Old Proposal No.SIA/KL/MIN/173485/2020) (Old File No.1834/EC6/2020/SEIAA) (New Proposal No. SIA/KL/MIN/501211/2024)

The Committee examined the application and discussed it in detail. The EC for the proposed project was issued vide Proposal No. SIA/KL/MIN/173485/2020 dated 03/05/2023 as per the decision of 125th SEIAA meeting for a project life of 12 years for an area of 2.7047 Ha in Survey Nos. 237/2, 237/1, 237/1-2 in Nediyruppu Village, Kondotty Taluk, Malappuram. The Project cost is 1.50 Crores. The minable reserve is 12,09,122 MT as per older Mining Plan dated 06.07.2020. The elevation of the site varies between 115m to 70m AMSL. The Committee also noticed that the PP had submitted a modified mining plan approved dated 2.09.2024 and the mineable reserve is given as 10,73,642.50 MT with a targeted annual production of 89,470 MTA for 12 years. As per the revised mining plan the survey number is given as 237/1-7,237/2, but as per the Previous EC and the old mining plan it is different. Hence, the PP sought amendment in EC as the survey numbers were changed to 237/1-7, 237/2 after sub-division. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the silent features of the project along with clarification for the change in survey numbers.**

Item No.16 **Environmental Clearance for the Proposed Building Construction Project as part of development of IT/ITES campus (Phase-1) to be developed by M/s Tata Consultancy Services Limited at Sy. Nos. 570, 577, Kakkanad Village, Kanayannur Taluk, Ernakulam. (SIA/KL/INFRA2/501233/2024)**

The Committee examined the application and discussed it in detail. As per the application, the total built up area is 90,000 sq.m with a plot area of 14.8234 Ha. The floors proposed are Ground + 15 floors. The Project cost is given as Rs. 511 Crores. The Mangalavanam Bird Sanctuary is located at a distance of 9.34 Km from the proposed site. The domestic sewage of 230 KL/day will be generated and treated through a Sewage Treatment Plant (STP) (250 KLD capacity) proposed within the project premises with MBBR technology inbuilt with UF and a disinfection system. The parking proposed is for 1,008 Cars + 3,780 sq.m. space for two-wheelers. The elevation of the area varies between 1 lvl to 0 lvl. The depth to the water table varies between 0.20 m. to 0.77 m below the existing ground level. There is no construction of basement floors; therefore, excavation is minimal. The Kadambrayar River is located 120m from the site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the silent features of the project.**

Item No.17 **Environmental Clearance for the Granite Building Stone Quarry of M/s. Malleil Industries Private Limited for an area of 0.9800 Ha. at Block No: 34, Sy. Nos: 196/1 in Iravon Village, Konni Taluk, Pathanamthitta. (SIA/KL/MIN/501513/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the minable reserve is given as 2,25,190.00 T for a mine life of 3 years. The elevation of the area varies between 88m AMSL to 62m AMSL. The project cost is Rs. 318.84 lakhs. High Hazard Zone is situated at a distance of 7.20km from the proposed area. As per the Cluster certificate vide No.474/DOPTA/M/2024 dated 10.10.2024 states that no working quarry situated within 500m radius of the proposed site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.18 **Reappraisal of DEIAA issued EC for the Granite Building Stone Quarry Project of Sri. Anwar Sadath. K, (M/s Galaxy Metals), for an area of 4.6085 Ha at Survey No. 122/11/A-3 at Balal Village & 40/1A at Parappa Village, Vellarikkund Taluk. Kasaragod. (SIA/KL/MIN/451629/2023)**

The Committee scrutinized the proposal and discussed it in detail. The EC from DEIAA, Kasaragod was issued dated 31.07.2018 vide file No. A/5554/2018/DEIAA, and the project life is given as 12 years. The lease order was issued vide order No. 427/2019-20/2753/M3/2018/DMG dated 25/10/2019. Subsequently, the quarrying lease was made on the 04.11.2019 for 12 years up to 03.11.2031. The Cluster Certificate dated 16.08.2024 states that there are no working quarries in operation within a 500m radius. The project site partially falls within the medium hazard zone. The high-hazard zone is located at a distance of 1.08 km from the project site. The PP submitted CCR from MoEF&CC vide dated 16.05.2024. As per the mining plan approved dated 9.05.2018 the minable reserve is estimated as 11,61,500MT. The letter of the geologist dated 04.09.2024 states that the balance quantity available for mining is 11,51,550 MT from a total minable reserve of 11,61,500MT(Transit pass issued for 9950 MT). The project cost is 479.1 Lakhs. The elevation of the area varies between 55m AMSL to 120m AMSL. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. CER as per the guidelines uploaded in the SEIAA website.
4. EMP prepared by a NABET-accredited agency.
5. Non-Assignment Certificate.
6. Boundary Demarcation Certificate.
7. Biodiversity Assessment Report.
8. Documents that are not submitted as per OM dated 28.4.2023 for the reappraisal of DEIAA-issued EC.

Item No.19 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri.Moideenkutty.P.P for an area of 1.2756 Ha at Block no: 56, ReSurveyNos. 329/1,359/1-1,359/5,359/6 in Morayur Village, Kondotty Taluk, Malappuram. (SIA/KL/MIN/502571/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the minable reserve is reported as 2,52,732.50 MT for a mine life of 5 years. The project cost is 1.80 Crores. The elevation of the proposed area varies between 95m MSL to 125m MSL. The depth to water table is given by 6m at 69.98m AMSL. The medium hazard zone is located at

a distance of 948.28m from the proposed area. As per the Cluster Certificate dated 30.09.2024, there are no authorized quarries within a 500m radius. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Depth to the water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary and site elevation.

Item No.20 Reappraisal of Environmental Clearance issued by DEIAA, Kozhikode for the Granite Building Stone Quarry Project of Sri. Raveendran V K, at Re- Sy No. 262/15 in Maruthonkara Village, Vatakara Taluk, Kozhikode for an area of 1.2604 Ha. (SIA/KL/MIN/502963/2024)

The Committee scrutinized the proposal and discussed it in detail. The Committee noted that the application was rejected as per the decision of the 146th SEIAA meeting due to the submission of an incomplete application, and most of the documents submitted are not legible. Currently, the PP submitted an application for the Re-appraisal of EC issued from DEIAA, Kozhikode, vide File No. 23/DIA/KL/MIN/9108/2017 dated 09.01.2018 and the validity expired on 08.01.2023. The PP submitted proof of wildlife clearance application clearance as the Malabar Wild Life Sanctuary is located at 4.88km, and the single window number is SW/209008/2024. The elevation of the area varies between 75m above MSL and 90m AMSL. The Medium Hazard Zone is located at 280m from the site, and the High Hazard Zone is located at 520m. The project cost is 167.50 lakhs. As per the application, the mineable reserve is 5,27,698 MT for a mine life of 12 years. The PP also stated that the mining operation had not started yet since the quarrying lease was not executed till now. The cluster certificate dated 03.10.2024 states that there is a quarry of Sri. VP Babu is located in an area of 3.1135 Ha and is found within a 500m radius. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings/Clarifications.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. Non Assignment Certificate.

4. Depth to the water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary and site elevation.

Item No.21 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri.Muhammed Iqbal P.K for an area of 0.9964 Ha at Block no: 08, Survey No. 1/3 in Anamangad Village, Perinthalmanna Taluk, Malappuram. (SIA/KL/MIN/503307/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the minable reserve is reported as 207502.50 MT for a mine life of 3 years. The project cost is 2.10 Crores. The elevation of the area varies between 135m MSL to 160m MSL. The Cluster certificate dated 14.10.2024 states that no working quarries were found within a 500m radius. The water table is given as 5m below ground level at 116m AMSL. The nearest building is located at 152.7m from the proposed site. The medium hazard zone is located at 2.98 Km from the project boundary. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.22 **Rejection order issued to the Granite Building Stone Quarry Project of Sri. Noufal K for an area of 0.9909 Ha at Block No. 54, Re- Sy No. 161/1 in Pookkottur Village, Ernad Taluk, Malappuram - Submission of New Proposal No. SIA/KL/MIN/503464/2024; (Old Proposal No. SIA/KL/MIN/470062/2024)**

The Committee scrutinized the proposal and discussed it in detail. The Committee noted that the application was rejected as per the decision of the 147th SEIAA meeting due to non-submission essential details. As per the present application, the minable reserve is reported as 1,38,040 MT for a mine life of 2 years. The project cost is 148 Lakhs. The elevation of the proposed area varies between 115m MSL to 145m MSL. The depth to the water table reported is 9 m below ground level at 94m AMSL. The medium hazard zone is located at 1.34 Km from the proposed site. The Cluster Certificate dated 09.04.2024 states that no authorized quarry is within a 500m radius of the proposed site. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. 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 4655of 2024 dated 19-04- 2024.

2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. CCR from the IRO, MoEF & CC.
4. Compensatory afforestation plan, preferably in a public place, with geo-tagged photographs and species proposed to be planted.
5. Comprehensive Regional EMP

Item No.23 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. A.N Sadasivan Nair, Managing partner, M/s Popular Granites Pvt Ltd for an area of 0.9944 Ha at Survey No. 114/0-1, 114/0-2 & 114/25 in Tirumittakod-II Village, Pattambi Taluk, Palakkad District. (SIA/KL/MIN/503352/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the minable reserve is reported as 2,65,500 MT for a mine life of 2 years. The project cost is 1.5 crores. The elevation of the proposed area varies between 135 m MSL to 116m MSL. The depth to water table is given by 8m below ground level, and the ultimate depth of mining is proposed up to 105m AMSL. As per the cluster certificate dated 19.10.2024, the quarry of Sri AN Sadasivan Nair for an area of 0.7184 Ha and the quarry of M/s Malayakam Granites for an area of 2.5262 Ha is found within the 500m radius. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.24 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. P. T. V Musthafa for an area of 2.170 Ha at Block no: 04, Re-survey No. 368/2A-44 in Arakkuparambu Village, Perinthalmanna Taluk, Malappuram (SIA/KL/MIN/503832/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the production capacity is reported as 1,48,000 MT for the five years. The project cost is Rs. 2.10 Crores. As per the Cluster Certificate dated 16.10.2024, issued based on the report of the Village Officer of Arakkuparambu, there are no working quarries within 500m radius of the site. However, as per Google Imagery, the Committee found that there are 2 quarry proposals adjacent to the proposed site and observed the following.

1. A quarry seen on the southern side of the Proposed Project site was operational during September 2024, revealing cluster condition

2. A Quarry Proposal No. SIA/KL/MIN/439323/2023 owned by the same Project Proponent for an area of 0.9900 Ha, is under consideration of SEIAA.

Considering the above, the area of the quarries in the cluster comes to more than 5ha, and the cluster certificate suppressed the facts regarding those projects which are currently working and those that are issued with LoI. The primary observation of the project area necessitates an EIA study and public hearing. Hence, the Committee decided to reject the application and directed the PP to submit an application for ToR to conduct an EIA study and prepare for EMP, considering all the quarries within the impact zone.

Item No.25 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Aneesh Peter for an area of 0.9936 Ha at Survey No.711/1-2-6, 714/1, 711/1-2-12, 711/1-2-4-2, 714/1-5-2, 714/1-5, 714/1-4 in Neriamangalam Village, Kothamangalam Taluk, Ernakulam. (SIA/KL/MIN/504004/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the mineable reserve is given as 2,31,625 MT for a mine life of 3 years. The project cost is 1 Crore. The elevation of the area varies between 78m MSL to 94m MSL. The Committee found that as per the survey map, there are 3 buildings present within a 50m radius, and it is shown as to be demolished. The Cluster Certificated dated 13.09.2024 reveals a non-cluster condition. **Based on the discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also include the following shortcomings.**

1. 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 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.
3. CCR from the IRO. MoEFCC, Bangalore.
4. Status of buildings within a 50m radius of the project site as it is intimated as to be demolished
5. Biodiversity Assessment report.
6. Depth to water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary, and site elevation.
7. EMP prepared by a NABET accredited agency.
8. Clarifications for the three or more buildings located within 50m, one found to be at 28m, from the project boundary

PARIVESH FILES (Ver-2)

PART-2

Item No.01 **Environmental Clearance for the Granite Building Stone Quarry project of Smt. Mariyamma Mathew, Managing Partner, M/s Valiyakalathil Rock Crushing Unit, for an area of 1.2047 Ha at Block No. 40, Re-Survey Nos. 438/7 in Pampady Village, Kottayam Taluk, Kottayam (SIA/KL/MIN/460544/2024)**

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the Cluster Certificate dated 25.07.2024, the following quarries are there within 500m radius, but the area is less than 5ha.

1. A quarrying lease was granted to M/s PJ Associates, over an area of 1.9426 Ha.
2. The quarry of M/s P J Associates, over an area of 0.6993 Ha, was operational till 27.07.2023.
3. LoI issued to Sri. Joseph Ulahannan, for an area of 0.9204 Ha.

As per the documents, the revised project cost is Rs. 1,87,40,340/-. The PP submitted CCR dated 06.12.2024. As per the notarized affidavit submitted, the project proponent agreed to demolish the sheds within the 50m radius, if required. As per the application, the total mineable reserve is 5,74,976.5 MT for a mine life of 7 years. A crusher is located at a distance of 42m from the project site. The high hazard zone is at a distance of 16.60km, and the medium hazard zone is at a distance of 16.30km. The highest elevation of the proposed area is 100 m above MSL, and the lowest elevation is 70 m above MSL. As per the groundwater data provided, the depth to the water table is almost 3m below ground level at 52m AMSL. **Based on discussions, the Committee decided to recommend EC for a period of 7 years subject to the following. (i) The EC may be issued subject to the demolishing of the sheds as agreed in the affidavit. (ii) The EC may be issued after obtaining NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003, as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04- 2024.**

The following Specific Conditions, in addition to the General Conditions, may be stipulated while issuing EC:

1. A 50m buffer should be maintained between the project boundary and the crusher building at a distance of 42m.
2. The built structures at 10m and 17m are to be demolished prior to the initiation of the mining activities.
3. The depth of mining should be limited to 77m above MSL considering the depth to the water table.
4. All the conditions stipulated in the NOC from the Irrigation Department should be complied strictly.
5. The green belt should be initiated prior to the commencement of mining using indigenous species.

6. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent at the lower portion of the land.
7. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
8. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
9. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
10. 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.
11. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
12. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
13. Implementation of CER Plan should be done during the first two years of the EC period, and its operation and maintenance should be done till the completion of mine closure plan.
14. The haulage road should be provided with a sprinkling facility to prevent dust pollution.
15. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
16. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
17. 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. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
21. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

22. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.02 **Re-appraisal of EC issued by DEIAA for the Granite Building Stone Quarry of Sri. Prakashan P., Managing Director, M/s. Kayyar Aggregates Pvt Ltd for an area of 2.4767 Ha at Survey Nos. 242/3A(pt), 242/3A,3B, 242/3B(pt), 243/2(pt) in Kayyar Village, Manjeshwaram Taluk, Kasaragod (SIA/KL/MIN/459541/2024)**

The application is for the reappraisal of EC issued by DEIAA, and the 137th SEIAA meeting rejected the extension application of the proposal submitted by the former owner Sri. Antony Raphael. Subsequently, the Project Proponent, Sri Prakashan P submitted a re-appraisal application through Parivesh 2.O. The Committee scrutinized the additional documents submitted by the project proponent dated 26.11.2024 and found them satisfactory. The PP also submitted a notarized affidavit regarding the transfer of DEIAA issued EC dated 26.04.2017 from Sri Antony Raphael. As per the documents, the crusher unit situated within 50m of the project site is under the demolition stage and will be shifted to a new location. As per the Scheme of mining approved on 06.11.2021, the mineable reserve is given as 7,50,510 MT for a mine life 6 years. The elevation of the proposed area varies between 81.224 m AMSL to 34.685 m AMSL. The cluster certificate dated 22.01.2024 states that no working quarry is in operation within 500m radius. The quarrying lease deed was made on 14.08.2017 and ending on 13.08.2027. The Medium Hazard Zone is located at a distance of 2.68km from the site. **Based on discussions, the Committee decided to recommend EC for a period of 6 years from the date of approval of mining scheme (06.11.2021) subject to the following Specific Conditions, in addition to the General Conditions. The EC may be issued subject to the production 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 4655of 2024 dated 19-04- 2024 (A copy of the NOC has been submitted physically).**

1. The mining should be done only after Shifting of Crusher which is located within the site.
2. The mining should be done only after demolishing the building at 18m from the project boundary.
3. All the conditions stipulated in the NOC from the Irrigation Department should be complied strictly.
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.

7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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 a 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.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.03 **Environmental Clearance for the Ordinary Earth Excavation Project of Sri. Siyad P A, for an area of 48.35Ares at Block No. 27, Re- Sy No. 162 in Kizhakambalam Village, Kunnathunadu Taluk, Ernakulam. (SIA/KL/MIN/467076/2024)**

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. The PP submitted Comprehensive EMP prepared considering the adjacent project of Sri. Althaf K A of an area of 0.9995 ha. As per the application, the mineable reserve is 38,082 MT. The project life is 1 year. The project cost is 10 lakhs. The highest elevation of the proposed area is 54m above MSL, and the lowest elevation is 40m above MSL. The depth to the water table is 10-15m below ground level. A crusher is located at a distance of 19 m. The high hazard zone is at a distance of 25.9 km and the medium hazard zone is at a distance of 19.7 km. The field inspection was conducted on 03.07.2024. As per the work order from Prompt Enterprises dated 05.05.2024, the excavated soil is intended for the earth filling and compaction work for Tata Consultancy Services at KINFRA Innovation Park, Kakkanad. **Based on the discussion, the Committee decided to recommend EC for 1 year subject to the following specific conditions in addition to the general conditions.**

1. The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/laborers should be provided with facilities for drinking water and sanitation.
10. 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.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. 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.
13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.

15. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)

Item No.04 Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Manikandan K, for an area of 0.9713 Ha at Block No. 41, Re-Survey Nos. 354/360, 354/364 in Peringome Village, Payyanur Taluk, Kannur (SIA/KL/MIN/459950/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. The PP submitted a Comprehensive EMP prepared considering the adjacent mines. As per the Mining Plan, the quantity proposed for mining is 1,33,544 MT for a mine life of 3 years. The highest elevation of the proposed area is 192m above MSL, and the lowest elevation is 190m above MSL. The depth to the water table is 6m below ground level at 173m above MSL. A Crusher building is found at a distance of 55.9m and a Crusher office is at a distance of 53.9m. The high hazard zone is at a distance of 4.52 km, and the medium hazard zone is at a distance of 241m. **Based on the discussion, the Committee decided to recommend EC for 3 years subject to the following specific conditions in addition to the general conditions.**

1. The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.
2. The depth of mining should be limited to 4m bgl considering the depth to water table of the area.
3. The excavation activity should not involve blasting.
4. The excavation activity should be restricted to 2m above the groundwater table at the site.
5. The excavation activity should not alter the natural drainage pattern of the area.
6. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
7. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
8. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
10. Workers/laborers should be provided with facilities for drinking water and sanitation.
11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
13. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.

14. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
15. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
16. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
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)

Item No.05 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Rajan, for an area of 0.6551 Ha at Re- Sy No. 111/1A1A in Koothali Village, Koyilandy Taluk, Kozhikode District. (SIA/KL/MIN/471817/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. The soil thickness of the area varies from 0.2m to 2 m with an average of 1.5m. As per the approved mining plan, the mineable reserve is reported as 1,56,887.5 MT for a mine life of 5 years. The project cost is 1 crore. The elevation of the area varies between 100m above MSL to 125m above MSL. As per the Cluster certificate dated 25.01.2023, there are no working quarries within 500m of the proposed quarry. The depth to water table is given as 15m-20m below ground level. As per the PP, the nearest building is reported at a distance of 50.83 m from the project site. The PP submitted the application for wildlife clearance vide Proposal No. WL/KL/MIN/QRV/458255/2024 since the site is located at 4.13 Km from the Malabar Wildlife Sanctuary. As per the letter of the Executive Engineer, Irrigation department, Perambra dated 04.12.2024, the quarrying will not affect the irrigation structures and no irrigation structures of the Kuttyadi Irrigation Project are associated with the project. **Based on discussions, the Committee decided to recommend EC for a period of 5 years subject to Specific Conditions in addition to the General Conditions.**

1. The depth of mining should be limited to only 15m below ground level.
2. A temporary protection wall of a 5m height connecting the BP1 & BP8 should be erected prior to the commencement of quarrying.
3. The project proponent shall scrupulously comply with all the directions of the Irrigation Dept., if any.
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration

8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of the CER Plan should be done during the first two years of the EC period, and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with a sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.06 Environmental Clearance for the Excavation of Ordinary Earth of Sri. Althaf K A, for an area of 99.95Ares at Block No. 27, Re- Sy No. 162 in Kizhakambalam Village, Kunnathunad Taluk, Ernakulam. (ADS Received) (SIA/KL/MIN/466642/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. The PP submitted a Comprehensive EMP prepared considering the adjacent project of Sri. Siyad P A for an area of 0.4835 ha. As per the application, the total mineable reserve is 66,406 MT. The project cost is Rs. 20 lakhs. The life of mine is 1 year. The depth to water table is 10-15m bgl. A crusher is located at a distance of 19.0m. The nearest house is located at a distance of 36m. The highest elevation of the proposed area is 58m above MSL and lowest elevation is 39m above MSL. The high hazard zone is at a distance of 26 km and the medium hazard zone is at a distance of 19.7 km. The field inspection of the proposal was conducted on 03.07.2024. As per the work order from Prompt Enterprises dated 05.05.2024, the excavated soil will be used for the earth filling and compaction work for Tata Consultancy Services at KINFRA Innovation Park, Kakkanad. **Based on the discussion, the Committee decided to recommend EC for 1 year subject to the following specific conditions in addition to the general conditions.**

1. The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/laborers should be provided with facilities for drinking water and sanitation.
10. 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.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. 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.
13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.

15. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)

Item No.07 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mohammed Shareef, for an area of 1.1757 Ha at Block No.1, Re-Sy No. 65/A5-19 in Valambur Village, Perinthalmanna Taluk, Malappuram. (SIA/KL/MIN/474419/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the documents, the PP submitted application for NOC Irrigation Department and the same was under preparation. As per the application, the total mineable reserve proposed is 2,35,050 MT for a mine life of 5 years. The project cost is Rs. 135 Lakhs. The elevation of the area varies between 85m AMSL to 130m AMSL. The depth to water table is given as 11.4m bgl. The medium hazard zone is located at a distance of 1.16 Km from the site. The Cluster Certificate dated 05.04.2024, states that there are no authorized working quarries within a 500m radius of the project area. The nearest human settlement is located at 163.1 m. **Based on discussions, the Committee decided to recommend EC for a period of 5 years subject to the production of NOC from the Irrigation Department. The EC will be subjected to the following Specific Conditions in addition to the General Conditions.**

1. The depth of mining should be limited to 75m AMSL.
2. All the conditions stipulated in the NOC from the Irrigation Department should be complied strictly.
3. While implementing the Compensatory Afforestation plan, care should be taken to plant appropriate trees at appropriate places along the road, considering the electric lines.
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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.

10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management, and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented, including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.08 Environmental Clearance for the Ordinary Earth Mining Project of Sri. George Thomas for an area of 0.9872 Ha at Re-Survey Nos. 56/20-1, 56/11 in Wadakkanchery Village, Thalappilly Taluk, Thrissur District (SIA/KL/MIN/466524/2024)

The Committee scrutinized the additional documents submitted by the project proponent. The PP submitted proof of application submitted to SCNBWL for wild life clearance vide proposal No. WL/KL/MIN/QRY/505210/2024 dated 11.11.2024. The depth to water table is 8m bgl at 81 m AMSL. The elevation of the area varies between 76m AMSL to 102m AMSL. The PP submitted boulder management plan in response to additional documents sought in the 172nd SEAC meeting. The images as per the Plan and the Field inspection report dated 01.10.2024 show a considerable number of boulders within the project site. As per the Mining Plan, the PP proposes to extract 66,122 MT from an area of 0.9872 Ha. On

examination of the site, the dominant part of the area has exposed rocks by leaving a small portion with soil. **Therefore, the site is not feasible for the extraction of soil, hence, the Committee decided to recommend rejection of the application.**

Item No.09 Environmental Clearance for the Building and Construction project, M/s Oceanus Emerald Enclave of Sri. Mr. Thomas P. K at Survey Nos 242/17, 244/2, 244/3, 244/4, 244/5, 244/6, 244/8, 244/8-1, 244/9, 250/1, 250/2-1, 250/2-2 in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram. (SIA/KL/INFRA2/469908/2024)

The Committee scrutinized the additional documents submitted by the project proponent dated 03.12.2024 and found them satisfactory. As per the documents submitted, an area of 342.85 m² is provided as a recreational area based on Kerala Municipal Building Rules 2019 out of the total plot area of 4,564 m². The capital cost of EMP has increased from Rs.133.5 lakhs to INR 139 lakhs. As per the Form-1, the total built-up area is given as 26,116.47 m² with a plot area of 4,564 m². The FAR is 3.56. The number of floors proposed is B+G+18 floors with 133 units (2 BHK -30 units, 3 BHK- 88 units, and 4 BHK-15 units). The project cost is given as 42.15 crores. The height of the building is 57.55 m. The quantity of ordinary earth excavation proposed is 7,972.1 m³. A quantity of 792.23 m³ of soil will be used for earth filling and the excess earth will be transported from the site after obtaining approvals from the concerned authority. The total wastewater generated during the operation will be 64 KLD, which will be treated in STP of capacity 100 KLD. As per the presentation, the elevation of the area varies between 100.071 m to 129.058 m AMSL. **Based on discussions, the Committee decided to recommend EC for 10 years for the proposal subject to the permissible FAR and following specific conditions in addition to the general conditions.**

1. The FAR norms should be complied with strictly.
2. All the mitigation measures proposed in the EMP, along with additional measures suggested, should be implemented during the construction and operational phase appropriately
3. The guidelines for green rating and green building certification to buildings based on green standards issued by the Government of Kerala vide GO (MS) No. 39/2022/LSGD dated 25.2.2022 should be adhered to.
4. Climate-responsive design as per Green Building Guidelines in practice should be adopted
5. The exposed roof area and covered parking should be covered with material having high solar reflective index
6. Green belt surrounding the campus, avenue tree planting, and garden development should commence from the beginning of the construction phase. Suitable local species should be used for green belt and avenue trees.
7. Vegetation should be developed appropriately on the ground as well as over built structures such as roofs, basements, podiums, etc.
8. The approved CER proposal should be implemented in total during the first two years, and its operation and maintenance should be undertaken during the rest of the EC period.

9. Adequate safety gadgets and instruments should be provided to the people engaged in solid and liquid waste management. Periodic medical check-ups of the people engaged for the waste management activities should be undertaken and their health management should be ensured.
10. The Kerala Energy Conservation (Building Code) Rules 2017 should be complied with.
11. Energy conservation measures, as proposed in the application, should be adopted in total. The PP should examine the scope for improving energy conservation measures periodically and implement the same.
12. Periodic monitoring of water samples from the groundwater sources should be carried out and treatment measures incorporated as required
13. The STP should be augmented with tertiary treatment unit, to ensure quality of treated water for re-use /recycle for flushing / gardening/ firefighting/ recharge of local ground water as per the plan submitted.
14. Treated water from STP should be reused to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local groundwater, as far as possible.
15. The proponent should implement the storm-water drainage plan as proposed.
16. Rainwater harvesting plan should be implemented in compliance with the Kerala Municipal Building Rules, 2019.
17. Water efficient plumbing features for saving water use should be adopted as per the plan submitted.
18. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.
19. The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).
20. Building design should cater to differently-abled citizens
21. Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area, and if necessary, the carrying capacity of the natural drain should be enhanced to contain the peak flow
22. Buildings should be barricaded with GI sheets of 6 m. (20 feet) height and provided appropriate protection so as to avoid disturbance to other buildings nearby during construction.
23. Construction work should be carried out during day time only.
24. All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.
25. All vehicles carrying construction materials should be fully covered and protected.

26. All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.
27. Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.
28. Occupational health safety measures for the workers should be taken during the construction.
29. All vehicles during the construction phase should carry PUC certificate.
30. D.G. set should be provided with adequate stack height and acoustic enclosure and regular maintenance should be carried out periodically

Item No.10 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Keelath Kasim, (Designated Partner) Puthanveettil Granites LLP for an area of 0.8010 Ha at Block No.01, Sy No. 137/4-6 in Valambur Village, Perinthalmanna Taluk, Malappuram. (SIA/KL/MIN/477089/2024)

The Committee scrutinized the additional documents submitted by the project proponent dated 02/12/2024 and found them satisfactory. As per the application, the total mineable reserve is 1,72,468.67 MT. The life of mine is 3 years. The elevation difference of the proposed site is 100m MSL to 135m MSL. As per the presentation, the depth to water table is 8m BGL. Considering the depth to water table, the mining will have to be limited to 95m above MSL. The Proponent stated that the nearest building, located 45.8m from the project boundary, is an office building. The distance to high hazard is located at a distance of 19.8 km and the distance to medium hazard is 390m from the project boundary. As per the cluster certificate dated 09.05.2024 there are two quarries viz. Quarry of Puthanveetl associates (1.4603 Ha) and Abdhul Nasar P (2.1748 Ha within a 500m radius altogether having an area of less than 5 Ha. As per the direction of the the Hon'ble High Court in WP(C) 28095 of 2023, a joint inspection has been conducted by the representatives of the SEIAA and DDMA. It is inferred from the report of the joint inspection that the cracks in the nearby houses, as alleged in the complaints, are mainly due to improper plastering and differential setting of rocks. No major fractures on the wall or concrete slab are observed. The Village officer reported that there were no landslides observed in that area. However, the northern flank of the hill is vulnerable to landslides considering the soil thickness, slope and vegetation in that area. The report concluded that quarry development in this area needs a detailed study on landslide vulnerability and the impact of blast vibration. The blast induced ground vibration study did not indicate any impact of vibration on nearby built structures. The PP has submitted an NOC from the Irrigation Department vide Proceedings dt. 6.12.2024. **Based on discussions, the Committee decided to recommend EC for a period of 3 years subject to the following Specific Conditions in addition to the General Conditions.**

1. The depth of mining should be limited to 95m AMSL.
2. All the conditions stipulated in the NOC from the Irrigation Department should be complied strictly.
3. Special care should be taken for draining the overland flow from the northern flank of the site to prevent any risk of landslide or landslip in that portion of the site.

4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management, and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented, including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.11 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Khalid Abdul Saleem, for an area of 1.0308 Ha at Block No. 46, Re- Sy No. 210/1 in Chalavara Village, Ottappalam Taluk, Palakkad District.
(SIA/KL/MIN/483142/2024)

As invited the Project Proponent Sri. Khalid Abdul Saleem and the RQP Sri. VK Roy were present. The RQP made the presentation. As per the presentation, the depth to the water table is given as 7m below ground level at 59 m AMSL. The nearest house is located at a distance of 128.8m from the project boundary. The PP has obtained NOC of the Executive Engineer, Kanjirapuzha, vide order dated 01.11.2024. As per the NOC a canal is located at a distance of 55m from the site proposed site. The NOC issued for conducting mining activities subject to 14 conditions and adequate measures should be taken to avoid contamination due to the disposal of quarrying waste. The average soil thickness is given as 1.5m. The minable reserve is given as 1,71,990 MT for a mine life of 5 years. The project cost is 2.01 crores. The elevation of the area varies between 105m AMSL to 140m AMSL. **Based on discussion, the Committee decided to direct the PP to submit a Comprehensive EMP prepared by a NABET-accredited consultant. The Committee also decided to defer the proposal for Field inspection and report.**

Item No.12 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Musthafa for an area of 0.1942 Ha at Block No. 06, Re- Sy No. 22/10-4 in Vazhayur Village, Kondotty Taluk, Malappuram.
(SIA/KL/MIN/484756/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the mining plan, the quantity proposed for mining is 24,275 MT for a mine life of 1 year. The depth to the water table is given as 8m below ground level at 50m AMSL. The depth of mining proposed is 6m bgl. The elevation of the area varies between 68m AMSL to 69m AMSL. The project cost is 6.27lakhs. The nearest house is located at a distance of 61m from the project boundary. The River Chaliyar is located about 250m from the proposed site. **Based on the discussion, the Committee decided to recommend EC for 1 year subject to the following specific conditions in addition to the general conditions.**

1. The stagnation of water in the mine pit should be avoided.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.

6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/laborers should be provided with facilities for drinking water and sanitation.
10. 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.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. 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.
13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)

Item No.13 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Abdul Rasack. P for an area of 0.9850 Ha at Block No.2, Survey No: 467/10 in Payyanad Village, Eranad Taluk, Malappuram. (SIA/KL/MIN/485788/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the documents, the PP obtained for NOC Irrigation Division Malappuram vide order dated 11.12.2024 subjected to 12 conditions for a period of 1 year. As per the cluster certificate dated 13.06.2024, there is an authorized quarry of Mujeeb Rahman, Manjeri City Infrastructures, for an area of 3.2636 Ha within 500m radius and indicates non-cluster condition. Hence, the PP submitted a Comprehensive EMP prepared by a NABET accredited Consultant considering the adjacent mine. As per the presentation, the elevation of the site varies from 60 to 75m above MSL. The nearest built structure is a rubber storage shed at a distance of 106.0m from the project boundary. The mineable reserve estimated is 2,85,642.91 MT for a mine life of 3 years. As per the presentation, the depth to water table is 8m below ground level at 32m AMSL. The project cost is Rs.1.25 Crore. **Based on discussions, the Committee decided to recommend EC for a period of 3 years subject to Specific Conditions in addition to the General Conditions.**

1. The depth of mining should be limited to 55m AMSL.
2. The Project Proponent should implement the comprehensive EMP by considering the adjacent project proposals.

3. The project proponent shall scrupulously follow all the conditions stipulated in the NOC issued by the Irrigation Officer
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
6. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. 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.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
12. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
13. The haulage road should be provided with sprinkling facility to prevent dust pollution.
14. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
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. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
17. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
18. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
19. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR. dump plan

20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.14 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Raghavan Unathil, for an area of 0.8094 Ha at Block No.28 Re- Sy No. 228/101 in Kankol Village, Payyannur Taluk, Kannur (SIA/KL/MIN/487592/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the mining plan, the quantity proposed mining is 1,11,294 MT with a recoverable quantity of 77,907 MT. The life of mine is 3 years. The depth to water table reported is 8m below ground level at 77m AMSL. The depth of mining proposed is 6m bgl. The elevation of the area varies between 93m AMSL to 94m AMSL as per the sections. A Poultry farm is found at a distance of 150 m from the site. The project cost is 17,59,500/-.

Based on the discussion, the Committee decided to recommend EC for 3 years subject to the following specific conditions in addition to the general conditions.

1. The depth mining is limited to 85m AMSL.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of the breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/laborers should be provided with facilities for drinking water and sanitation.
10. 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.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. 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.
13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.

16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)

Item No.15 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Balakrishna Poojary, for an area of 0.3885 Ha at Survey Nos.119/1 in Adhur Village, Kasaragod Taluk, Kasaragod (SIA/KL/MIN/488468/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the documents, the PP has submitted an affidavit regarding the reduction of mine life to 3 years rather than 4 years. The temporary structure, which stands at 18 meters distance from the site, is designated solely for the storage of machinery related to the project. The minable quantity is given as 27,092 MT with a recoverable quantity of 16,255 MT. The depth to water table reported is 9m bgl. The project cost is 25 Lakhs. The mining proposed is up to 4m bgl (1m soil+3m laterite). The elevation of the area varies between 253 m AMSL to 250 m AMSL. **Based on the discussion, the Committee decided to recommend EC for 3 years subject to the following specific conditions in addition to the general conditions.**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area.
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/laborers should be provided with facilities for drinking water and sanitation.
9. 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.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. 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.
12. 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.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.

15. 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)

Item No.16 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Balakrishnan M.P., for an area of 0.3743 Ha at Block No:29, Re-Survey No:35/2 in Eramam Village, Payyannur Taluk, Kannur (SIA/KL/MIN/490193/2024)

The Committee scrutinized the additional documents submitted by the project proponent and found them satisfactory. As per the mining plan, the quantity proposed for mining 51,467 MT. The life mine is 3 years. The project cost is Rs. 9,23,600/-. As per the cluster certificate dated 19.07.2024, there are no working quarries within 500m of the proposed site. The elevation of the site varies between 89m to 90m above MSL. The depth to the water table is 5m bgl as per the mining plan. The nearest house is reported at 173m. The mining proposed is up to 6m bgl as per the lithological section. **Based on the discussion, the Committee decided to recommend EC for 3 years subject to the following specific conditions in addition to the general conditions.**

1. The depth of mining should be limited to 3m bgl considering the depth to water table.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/laborers should be provided with facilities for drinking water and sanitation.
10. 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.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. 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.
13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.

16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)

Item No.17 Environmental Clearance for the Residential cum Commercial Building and Construction project of Kerala State Housing Board at 1176/1-2, 1176/2-2 & 2498, Marine Drive, Ernakulam Village, Kochi Municipal Corporation, Kanayannur Taluk, Ernakulam. (SIA/KL/INFRA2/491168/2024)

The Committee scrutinized the additional documents submitted by the project proponent dated 18.12.2024 and found them satisfactory. The PP submitted revised CER proposal with an estimated budget of 294 Lakhs. The daily fresh water requirement is 120 KL, about 84 KL will be sourced from KWA and 36 KL from the n stored rain water. The parking facility is proposed for 704 cars and 2,640sq.m. for two wheeler parking. The NOC is received from the Airports Authority of India vide letter dated 30.10.2024 since the Naval Base Airport is at a distance of 4 km. The PP has made provision for electrical charging facilities for electrically operated vehicles, 71 cars, i.e., 10% of the mandatory parking. As per the letter of the Executive Engineer, Kerala State Housing Board dated 04.12.2024, 1000 trees are proposed as part of a compensatory afforestation plan. **Based on discussion, the Committee decided to recommend EC for 10 years for the proposal subject to the permissible FAR and following specific conditions in addition to the general conditions.**

1. The FAR norms should be complied with strictly.
2. All the mitigation measures proposed in the EMP, along with additional measures suggested, should be implemented during the construction and operational phase appropriately
3. The guidelines for green rating and green building certification to buildings based on green standards issued by the Government of Kerala vide GO (MS) No. 39/2022/LSGD dated 25.2.2022 should be adhered to.
4. Climate-responsive design as per Green Building Guidelines in practice should be adopted
5. The exposed roof area and covered parking should be covered with material having high solar reflective index
6. Green belt surrounding the campus, avenue tree planting, and garden development should commence from the beginning of the construction phase. Suitable local species should be used for green belt and avenue trees.
7. Vegetation should be developed appropriately on the ground as well as over built structures such as roofs, basements, podiums, etc.
8. The approved CER proposal should be implemented in total during the first two years, and its operation and maintenance should be undertaken during the rest of the EC period.
9. Adequate safety gadgets and instruments should be provided to the people engaged in solid and liquid waste management. Periodic medical check-ups of the people engaged for the waste management activities should be undertaken and their health management should be ensured.

10. The Kerala Energy Conservation (Building Code) Rules 2017 should be complied with.
11. Energy conservation measures, as proposed in the application, should be adopted in total. The PP should examine the scope for improving energy conservation measures periodically and implement the same.
12. Periodic monitoring of water samples from the groundwater sources should be carried out and treatment measures incorporated as required
13. The STP should be augmented with tertiary treatment unit, to ensure quality of treated water for re-use /recycle for flushing / gardening/ firefighting/ recharge of local ground water as per the plan submitted.
14. Treated water from STP should be reused to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local groundwater, as far as possible.
15. The proponent should implement the storm-water drainage plan as proposed.
16. Rainwater harvesting plan should be implemented in compliance with the Kerala Municipal Building Rules, 2019.
17. Water efficient plumbing features for saving water use should be adopted as per the plan submitted.
18. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.
19. The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).
20. Building design should cater to differently-abled citizens
21. Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area, and if necessary, the carrying capacity of the natural drain should be enhanced to contain the peak flow
22. Buildings should be barricaded with GI sheets of 6 m. (20 feet) height and provided appropriate protection so as to avoid disturbance to other buildings nearby during construction.
23. Construction work should be carried out during day time only.
24. All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.
25. All vehicles carrying construction materials should be fully covered and protected.
26. All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.
27. Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.
28. Occupational health safety measures for the workers should be taken during the construction.

29. All vehicles during the construction phase should carry PUC certificate.
30. D.G. set should be provided with adequate stack height and acoustic enclosure and regular maintenance should be carried out periodically

Item No.18 **Environmental clearance Construction of Twin Tube Unidirectional Tunnel Road (2+2 Lane) with Four Lane Approach (from existing roads) for providing direct connectivity between Anakkampoyil-Kalladi -Meppadi in Kozhikode and Wayanad. (SIA/KL/INFRA1/458848/2024)**

The Committee scrutinized the additional documents submitted by the project proponent on 23.12.2024. **Based on the discussion, the Committee decided to entrust Sri. S. Sheik Hyder Hussain, Dr. C.C. Harilal, and Dr. A.N. Manoharan for a detailed evaluation of additional documents and submit the report prior to the next meeting.**

Item No.19 **ToR Application for the proposed Granite Building Stone Quarry of Mirshad. C. K is situated at survey no 67/258, 67/259, 67/89, 67/90, 67/84, 67/92 over an area of 1.4145 ha in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala. (SIA/KL/MIN/513608/2024)**

The Committee examined the ToR application and discussed it in detail. As per the application, 3,07,295 MT for 5 years. The Cluster Certificate dated 12.07.2024 indicates cluster condition. The elevation of the area varies between 240m AMSL to 270m AMSL. The project cost is given as Rs. 2.60 Crores. The proposed area is located at distance of 7.85 km from the high hazard zone. The distance to medium hazard zone as per the Google map is 42m from the project boundary. **Based on the discussion, the Committee decided to recommend Standard ToR under Category 1 (a) Mining of Minerals**

Item No.20 **Environmental Clearance application for manual dredging at Azhikkal Port limits for maintaining navigational channel depth and filtration of dredged sand Kadavus in Azhikode North village, Azhikode, Kannur (Proposal No. SIA/KL/INFRA1/501237/2024)**

As invited, Sri. Varghese Jacob, Project Manager, Kerala Maritime Board (KMP), and the EIA coordinator Dr. Kesavadas from KITCO were present. The EIA coordinator made the presentation. The purpose of the project is to aid operation of fishing vessels from Azhikkal fisheries harbour and Kerala State Water Transport Department (SWTD) boats. The PP specified that there is an ongoing case under consideration by the Hon'ble High Court of Kerala in WP(C) No.41341/2017. In the court order dated 4th March, 2022, KMB was directed to conduct an Environmental Impact Assessment (EIA) study for the project activities and proceed to obtain clearances as per EIA notification 2006. The KCZMA recommended the proposal to SEIAA (wide letter no 2869/A1/2023/KCZMA dated 25.1.2024) for manual dredging at Azhikkal port limits for maintaining channel depth and filtration of dredged sand. The ToR for the manual dredging at Azhikkal Port for maintaining

navigational channel depth and filtration of the dredged sand project was approved on 19.07.2024 vide proposal No. SIA/KL/INFRA1/460508/2024. As per the Presentation, the Port has a wharf of length 226m and a navigation channel with a maintained depth of 3.5 to 4 m. The dredging is proposed in 12 Kadavus located in Azhikode, Azhikode-North, Valapattanam Pappinissery and Mattool panchayats in Kannur Taluk, Kannur district. All the Kadavus are located along the river bank and are falling within the hazard zone as mapped by the Survey of India. The dredged material is brought to 12 Kadavus within the port limit for filtration, storage, and disposal. As per the presentation, the dredging is carried out along the port limits across the Valapattanam River, where the width varies from 135 m to 215 m. On the downstream side of the railway bridge over Valapattanam River, there is an offset of 200 m maintained from the bridge location in the river. The changes in the width of the channel are reported to be attributed to the natural river morphological process of the river. The average annual manual dredging quantity proposed is 2,64,751 Tonnes. The dredging activity is undertaken in low-elevation areas ranging from 1m to 3m. About 140.1 KL construction grade water is required for the Sand Filtration Unit at each site from approved sources. No water requirement exists for the dredging and filtration process. However, 81 KLD of water would be required for drinking purposes of the workers. 15HP pump will be used for pumping of slurry. The project cost is Rs.50.0 Crores.

The Committee evaluated the EIA statement and EMP and observed that the environmental impact is minimal to moderate. The Committee also observed that the EMP is satisfactory. However, the application or the EIA document submitted does not provide the details of the Project Cost envisaged and earmark any provision for the recurring and non-recurring cost for the implementation of the EMP. In addition to the EMP suggested, it is also necessary to earmark the cost required for the implementation of conditions stipulated in the (i) CRZ clearance, (ii) NOC issued by the Kerala State Ground Water Authority (KSGWA), (iii) Consent to Operate by the Kerala State Pollution Control Board (KSPCB) and (iv) Policy for manual dredging issued by the Govt. of Kerala in the Fishing Harbour Department vide GO No. 2/2017/FHD dated 9.2.2017. **Therefore, the Committee decided to direct the PP to submit details of the Project Cost incorporating the Capital and Recurring cost required for the implementation of the EMP and Environmental Monitoring Program as well as for the implementation of the conditions stipulated in the NOC issued by the KSGWA, Consent to Operate issued by the KSPCB and guidelines in the Manual Dredging Policy of the State.**

General Decisions

The SEAC deliberated the following matters in general and decided as follows;

1. Communication of the list of projects rejected due to various reasons to the MoEF&CC

The Committee noticed that from the inception of this Committee, some of the EC applications were rejected due to various reasons. A few proposals were rejected considering the environmental sensitivity of the project area by invoking Precautionary Principle as per the Judgement of the Hon'ble Supreme Court of India in IA No.1000 of 2003 dated 3rd June 2022. Some proposals were rejected due to violation of the stipulations in EIA Notification or non-compliance to EC conditions. Based on discussion, the Committee decided to direct the SEIAA secretariat to consolidate the list of such rejected proposals and place it before the Authority with a recommendation to communicate it to MoEF & CC for information.

2. Desirability of conducting Environmental Carrying Capacity Study in highly exploited areas for facilitating issuance of ECs and comprehensive eco-restoration in the future

The Committee noticed that a considerable number of ECs for mining of Granite building stone and Laterite building stone quarry projects were issued in certain Villages, thereby large number of mines are being operated in such places. Melmuri, Oorakam etc., in Malappuram district; Mukkam, Koodaranji, Kodiyathur, Thamarasseri etc., in Kozhikkode district, Kuttoor, Puthur, Sreekandapuram, Iritty areas of Kannur district, most of the midland villages in Ernakulam, Kottayam, Kollam, Thrissur and Thiruvananthapuram districts, Koodal, Konni and Ranni areas in Pathanamthitta district, Pulpally and Manathanvadi regions of Wayanad, Alakode and nearby regions of Idukki district, Vellarikundu area of Kasaragod district are some of the indicative areas. If the State is able to conduct environmental carrying capacity study of such areas on a priority, it would bring in the resource supportive capacity and environmental assimilative capacity of such areas based on which optimization of mining and appropriate ecological restoration can be achieved thereby addressing the environmental sustainability of such areas under stress. Based on discussion, the Committee decided to place this recommendation before the Authority for appropriate action.

3. Conservation of isolated hill ridges and other sensitive areas

The Committee has made special efforts for conservation of isolated hill ridges in the midland terrain and the ridges in the Palakkad Gap region while considering the mining proposals from such areas in the background increasing climate change impacts and deteriorating biodiversity concerns. In addition, the Committee also exercised restraints while appraising projects in hazard-prone areas of the high ranges. Based on discussion, the Committee decided to recommend to the Authority to do the

needful for the continuation of the precaution to preserve the isolated hill ridges of the midlands and Palghat gap and also the restraints exercised in in hazard prone areas.

The Committee also decided to request the Authority to ensure improved facilitatory support to the SEAC to prevent the deterioration of the environment safeguard services being extended by the Committee and the Authority. The delay in reimbursing the TA/DA expended by the Members of SEAC and other remunerations will adversely affect the functioning of the SEAC, and therefore, the Committee decided that this matter should be brought to the notice of SEIAA and the Government for prompt action including immediate disbursal of pending payments.

The meeting concluded at 5 pm with a vote of thanks to the Chair.

Sd/-
Suneel Pamidi, IFS
Member Secretary, SEAC

Sd/-
Dr. R. Ajayakumar Varma
Chairman, SEAC

LIST OF PARTICIPANTS:

Sl.No.	Name	03.01.2025	04.01.2025
1.	Dr. R. Ajayakumar Varma (Chairman)	✓	✓
2.	Sri. S. Sheik Hyder Hussain	X	✓
3.	Dr. A. Bijukumar.	X	X
4.	Dr. A.N. Manoharan	✓	✓
5.	Shri. M. Dileepkumar	X	X
6.	Dr. C.C. Harilal	✓	✓
7.	Dr.K.VasudevanPillai	✓	✓
8.	Dr. Mahesh Mohan	✓	✓
9.	Dr. K.N. Krishna kumar	X	X
10.	Sri. V. Gopinathan	✓	✓
11.	Dr. A.V. Raghu	✓	✓
12.	Dr. N. Ajithkumar	✓	✓
13.	Suneel Pamidi (Secretary)	✓	✓