

MINUTES OF THE 129th MEETING OF THE SEAC KERALA HELD FROM 8TH TO 10TH JUNE, 2022 IN CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM

The 129th meeting of the SEAC Kerala was held from 8th to 10th June 2022. The meeting started at 10.00 AM on 8th June 2022. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions;

129.01 Noting of minutes of the 128th SEAC meeting held on 23rd-24th June 2022.

Decision: Noted

129.02 Environmental Clearance for the mining of Granite Building Stone Quarry Project at Re-Sy No. 78/2A Kumaranellur Village, Kozhikode Taluk, Kozhikode District, Kerala. (Judgment in WP (C) No.10301/2021 filed by Sri. Habeebu Rahiman P.M, M/s Profile Sand - regarding the validity of EC. (File No. 130/SEIAA/KL/2437/2013)

Decision: The Committee examined the proposal and discussed the Field Inspection Report for the verification of compliance with the EC conditions and found it satisfactory. Accordingly, Committee decided to recommend the extension of the validity of EC with Project Life of 8 years from the date of the original EC (01.04.2014) subject to the following Specific Conditions in addition to the conditions stipulated in the original EC and the General Conditions.

1. The loose soil and quarry waste that blocks the quarry drain should be removed.
2. Work to allow the natural flow of water from the quarry site to the rainwater storage system downstream should be undertaken.
3. The topsoil (without vegetation) is retained at the distal end of the quarry and is prone to siltation Hence it should be removed from the area and must be protected with Gabion walls and stabilized by planting trees.
4. The garland canal, silt traps, siltation pond, and outflow channel should be desilted periodically to facilitate unhindered overland drainage.
5. The drainage along with silt traps, collection tanks, and outflow channel should be desilted periodically and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
6. Green Belt in the Buffer Zone and the mined-out benches should be strengthened and nurtured.
7. The CSR/CER as agreed by the proponent should be implemented till the mine closure plan is implemented in total

8. Mined-out benches should be filled with more topsoil and vegetated using local plant species.

129.03 Environmental Clearance for the Building Stone Quarry Project in Re-Sy. No. 41/1A(pt), 109(pt), 110/2(pt), 11(pt) and 115/1A(pt) at Kakkad Village, Karassery Panchayath, Kozhikode Taluk, Kozhikode District, Kerala- (Judgment in WP (C) 13113/2020 filed by Alpha Bricks & Metals - regarding the validity of EC) (File No.388/SEIAA/EC4/2170/2014)

Decision: The Committee examined the proposal and discussed the Field Inspection Report for the verification of compliance with the EC conditions and found it satisfactory. Accordingly, Committee decided to recommend revalidation of EC with a project life of 10 years from the date of the original EC (10.08.2015) subject to the following Specific Conditions in addition to the conditions stipulated in the original EC and the General Conditions.

1. The drainage along with silt traps, collection tanks, and outflow channel should be desilted periodically and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
2. Green Belt in the Buffer Zone should be strengthened and nurtured.
3. The proposed CSR/CER as agreed by the proponent should be implemented in total till the mine closure plan is implemented in total.
4. Mined-out benches should be filled with topsoil and vegetated using local plant species.
5. Overburden and topsoil dump should be protected with gabion walls and should be stabilized by planting trees.
6. Measures should be taken to prevent sheet erosion within the project area.
7. Haulage roads should be properly maintained.

129.04 Environmental Clearance for the Quarry Project in Sy. No.1618 (Not final) at Koodaranji Village, Koodaranji Panchayath, Thamarassery Taluk, Kozhikode District. (Judgment in WP (C) No.9574/2021 filed by Sri. Abdul Muneer. C, M/s Indo Black Stone - regarding the validity of EC). (File No.862/SEIAA/EC4/2991/2015)

Decision: The Committee examined the proposal and discussed the Field Inspection Report for the verification of compliance with the EC conditions and found that the proponent has not complied with the conditions. Besides this the Committee noticed the following;

1. Proper drainage system in accordance with the slope is not maintained, hence erosion/siltation is higher.
2. Proper benches as per the EC conditions are not maintained and hence the slope of the quarry face is more than 45° at places

3. The garland canal and the drainage systems are not maintained properly.
4. The extent of erosion and consequent siltation is higher due to inadequate protective measures.
5. Green belt development in the buffer zone is inadequate.
6. Loose soil and overburden are spread over the existing benches and nearby places.
7. Overburden dumping site is not managed properly.
8. Area falls in the moderate hazard zone and suitable environmental management initiatives are not taken by the proponent.

Hence the Committee decided to recommend rejection of revalidation EC for the proposal.

129.05 Environmental Clearance for the proposed Granite Building Stone Quarry Project in Sy No. 2416 & 2417 (Un-survey-Not Final) Koodaranji Village, Thamarassery Taluk, Kozhikode District, Kerala. (Judgment in WP (C) 5361/2021 filed by Sri. Linej T.P- regarding the validity of EC). (File No.912/EC4/2021/SEIAA)

Decision: The Committee examined the proposal and discussed the Field Inspection Report. The Committee agreed that the project is eligible for revalidation of EC. But it is difficult to estimate the Project Life in the absence of the report on the quantity extracted and balance quantity to be extracted as well as the revised scheme of mining. Therefore the Committee decided to direct the proponent to submit the authenticated report on the quantity of material extracted and the balance quantity available for extraction and also the revised scheme of mining as sought earlier. The Committee also decided to notify the proponent to comply with the following aspects.

1. The garland canals, silt traps and outflow channel should be laid and maintained considering the entire project area.
2. The garland canal, silt traps, siltation ponds and outflow channels should be desilted and cleaned periodically to maintain proper drainage.
3. Adequate rain water harvest facility should be maintained.
4. Green belt in the buffer zone should be strengthened and nurtured.
5. Mined out benches should be filled with topsoil and the area vegetated with appropriate indigenous plants
6. Overburden and top soil dump should be protected with gabion walls and stabilized by planting trees.

129.06 Environmental Clearance for the Quarry Project in Re.Sy.No.172 (pt) at Kodyathur Village, Kodyathur Panchayath, Kozhikode Taluk, Kozhikode District (Judgment in WP (C) No.3510/2021 filed by Sri. P. M. Aboobacker,

**Palakkal Granites - regarding the validity of EC
No.1054/EC4/2021/ SEIAA)**

(File

Decision: The Committee examined the proposal and discussed the Field Inspection Report conducted as part of the verification of the compliance with the conditions recommended by earlier SEAC. The Committee after discussion decided to recommend a further period of 6 months to fulfill the EC conditions and SEAC directions given below. The Committee also recommended that on satisfactory submission of the compliance report of the above, the proponent may be considered eligible for revalidation of EC order with the project life of twelve (12) years from the date of issuance of the first EC order subject to review every five years:

1. Proper benches as per the EC conditions should be maintained and the slope of the quarry face should be within 45°.
2. The garland canal alongwith silt traps, siltation ponds and outflow channel should be provided and maintained well.
3. Green belt development in the buffer zone should be strengthened with indigenous species and nurtured.
4. Topsoil dump should be protected with gabion walls and stabilized using vegetation

**129.07 Environmental Clearance for the Quarry Project in Sy. Nos. 179 & 1293 at
Ayyankunnu Village, Iritty Taluk, Kannur District, Kerala. Judgment in WP
(C) No.14095/2021 filed by Sri. K.C. James, M/s Reena Metals - regarding
the validity of EC. (File No.210/EC4/221/2014/SEIAA)**

Decision: The Committee examined the proposal and discussed the field inspection report. The proponent has submitted Certified Compliance Report from IRO, MoEF&CC, Bangalore which indicates satisfactory compliance. Since the quarry is located on the summit region of a hillock with high environmental fragility and a crusher owned by them is on its southern upper slope, much more vigil for complying with the EC conditions is essential. Particularly as the boundary of the quarry is shared with other operational quarry and crusher on the very steep western side. Considering that the quarry is operating for about five years without any untoward incidents it is recommended to extend the validity of EC with Project Life of 10 Years from the date of original EC (17.1.2017) subjected to strict compliance to the following specific conditions in addition to the specific and general conditions stipulated in the original EC;

1. No storage of water should be done in the quarry pit as any seepage through fractures and joints, if present, will have a significant adverse impact.
2. Garland canal should be planned and implemented covering the entire project area and the overland flow should be collected and discharged to a natural stream in the valley region of the landscape through bottom and side-sealed drainage channel.
3. Extreme care should be taken to prevent any blockage or diversion of the surface drain in and around the project area

4. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically by removing the silt deposited such that there should not be any hindrance to overland flow.
5. The overburden dumped on the side slope should be removed immediately and stored in the lower slope region with an appropriate retention wall structure. Water collected in and around the overburden dump should be drained properly to the valley regions.
6. No blasting should be done during the days of moderate and heavy rains considering the high land fragility of the region.
7. Only short hole blasting should be done by adopting the NONEL technique with a drill hole of 32mm diameter and depth of 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m.
8. The time of blasting should be different from that of the adjacent quarry. A schedule for blasting and transport of the mined-out material should be prepared in consultation with the adjacent quarry owner and followed.
9. Green belt development in the buffer zone should be strengthened with immediate effect without further delay. Indigenous plants should be planted in the buffer zone without further delay and they should be protected and nurtured throughout the project period till the mine closure plan is implemented in total.
10. Geo-tagged photographs of different stages of green belt development, the location from where the haphazard soil dump is removed, newly laid drainage channel and periodic cleaning of garland drain, silt traps, siltation ponds, and outflow channel should be submitted along with half-yearly compliance report.
11. Mined-out benches should be filled with topsoil and planted with local plant species.
12. An affidavit agreeing to the above conditions should be submitted by the Proponent.

129.08 Environmental Clearance for the proposed Quarry Project in Sy. No. 1293 & 238 at Ayyankunnu Village, Iritty Taluk, Kannur District, Kerala. (Judgment in WP (C) No.13529/2021 filed by Sri. Muhammed Haji Moolayil, M/s Black Rock Crushers & Sand Makin Industries Pvt. Ltd - regarding the validity of EC. (File No.928/SEIAA/EC4/3894/2015))

Decision: The Committee examined the proposal and discussed the Field Inspection Report. The Committee observed that the quarry is located on the very steep upper slope region of a hillock with high environmental fragility. Moreover, there is another operational quarry on the summit of the hillock, the boundary of which is only about 25m from the boundary of the quarry under appraisal. There are also two crushers, one 200m south-southeast of the quarry and another one at downslope, south-southwest of the quarry under appraisal and within the land owned by the proponent. Therefore, extreme vigil for complying with the EC conditions is essential. Though the quarry was issued Environmental Clearance on 6.5.2017, it is reported that they started mining only in 2019 after obtaining a lease on 27.6.2019. In view of

the fact that the quarry is operating for over two years without any untoward implications, revalidation of EC is considered feasible. But it is important to see that the environmental safeguards are taken with extreme care. Therefore, revalidation of EC may be considered after complying with the following conditions in addition to the specific and general conditions stipulated in the EC issued earlier within 6 months;

1. Topsoil and overburden should be stored in the designated place on the lower northern slope away from the working area and provided with gabion walls for protection.
2. The stream flowing along the boundary should be protected and maintained. The water draining into the rainwater harvesting system should be clarified before letting out into this stream
3. Garland drains and catch water drains along with silt traps, siltation ponds and outflow channel should be provided and maintained by removing silt periodically.
4. Green Belt should be developed all around the periphery in the buffer zone with indigenous species.
5. As agreed, the proponent should spend and produce proof of setting apart Rs. 7.5 lakh for non-recurring part and Rs. 5 lakh per annum for CSR activities for the welfare of the local community in consultation with the local Panchayath.
6. Avenue trees of indigenous species should be planted and nurtured on either side of all the roads in and around the project areas.
7. Proper benches as per the EC conditions need to be formed and maintained and the slope of the quarry face should be less than 45°.
8. Topsoil dump should be stabilized by planting trees.
9. Proper fencing should be constructed all around the project area.
10. Loose boulders should be removed with utmost care.
11. No storage of water should be done in the quarry pit as any seepage through fractures and joints, if present, will have a significant adverse impact.
12. Extreme care should be taken to prevent any blockage or diversion of the surface drain in and around the project area
13. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically by removing the silt deposited such that there should not be any hindrance to overland flow.
14. No blasting should be done during the days of moderate and heavy rains considering the high land fragility of the region.
15. Only short hole blasting should be done by adopting the NONEL technique with a drill hole of 32mm diameter and depth of 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m.
16. The time of blasting should be different from that of the adjacent quarry. A schedule for blasting and transport of the mined-out material should be prepared in consultation with the adjacent quarry owner and followed.

17. Geo-tagged photographs of different stages of green belt development, protection of overburden dump, periodic cleaning of garland drain, silt traps, siltation ponds, and outflow channel should be submitted along with half-yearly compliance report.
18. Mined-out benches should be filled with topsoil and planted with local plant species.
19. An affidavit agreeing to the above conditions should be submitted by the Proponent.

129.09 Application for Environmental Clearance for mining of Ordinary Earth in Re.Survey.No.400/4 at Arakkapadi Village, Kunnathnad Taluk, Ernakulam District, Kerala by Sri. P. A. Paul [File No.2203/EC2/2019/SEIAA]

Decision: The Committee observed that currently the vertical fall of the earth is dangerously situated & it could collapse at any time during heavy rain on the Anganwadi & house below. The probable accident potential of the proposed area is very high. Therefore, from the environmental point of view, it is desirable to recommend EC for extracting soil without leaving any ridge or vertical soil column by providing 2x2 benches. Though there are built structures adjacent to the proposed site the recommendation is inevitable for avoiding mishaps. So the Committee decided to recommend EC for one year from the date of permit from the Mining and geology subject to the following specific conditions in addition to the general conditions.

1. Benches should be maintained with a height and width of 2 meters each respectively.
2. The proponent should take utmost care and adopt adequate precautionary measures while removing the ordinary earth to protect the Anganwadi and other adjacent houses.
3. Planting should be done in the elevated area after excavation.
4. Appropriate drainage should be maintained from the Project site and surrounding area to ensure unhindered overland flow.

The Committee also noticed that the Proponent Sri. P. A. Paul expired and his son Dr. Salu Paul requested to transfer the EC in his name based on a Legal Heirship Certificate. The SEIAA may decide on this.

129.10 Environmental Clearance issued for the quarry project in Sy No. 232 and 411(pt) at Mangalam Dam Village, Alathur Taluk, Pathanamthitta District by Sri. Tom George, Managing Director, M/s TMT Granites - (Judgment in WP (C) 10860/2020 regarding validity of EC). (File No. 570/SEIAA/EC1/4174/2014)

Decision: The Committee verified the FIR and observed that the field team has raised apprehension about the mineable reserve mentioned in the approved Mining Plan and that in the revised Mining Plan. Therefore, the Committee decided to get a clarification from the proponent regarding the actual mineable reserve remaining there to be mined. The revalidation of the proposal shall be considered after obtaining the clarification.

The Committee also decided that the copy of the complaint filed by Sri. Suresh Babu and Sri. K. Ponnann may be given to the proponent for his remarks.

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

Decision: The Committee examined the proposal and discussed the field inspection report. There is a case pending before the Hon. High Court regarding this proposal. The Proponent has submitted Certified Compliance Report from the Integrated Regional Office of the MoEF & CC, Bangalore dated 26.11.2021 which indicated satisfactory compliance (E-File No. EP/12.1/2017-18/20/SEIAA/KER). The Proponent also conducted a slope stability analysis engaging the National Institute of Technology, Karnataka. As per the study, the maximum slope angle within the quarry site is less than 29⁰. This study also reported that the quarry area is not vulnerable to landslides as the FOS/FSc ratio against blasting ranges from 1.0 to 2.0 for the given location and hence the area within the quarry boundary points is found to be safe for blasting. Based on the field scenario and compliance status, the Committee decided to recommend revalidation of the EC with a Project Life of 12 years from the date of the original EC(25.10.2017) subject to the following Specific Conditions in addition to the specific and general conditions stipulated in the original EC order subject to the direction of the Hon. High Court in the WP(C) 26042/2020.

1. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically by removing the silt deposited such that there should not be any hindrance to overland flow.
2. No blasting should be done during the days of moderate and heavy rains considering the high land fragility of the region.
3. Only short hole blasting should be done by adopting the NONEL technique with a drill hole of 32mm diameter and depth of 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m.
4. Green belt in the buffer zone should be strengthened with indigenous species and nurtured throughout the project period till the mine closure plan is implemented in total.
5. Geo-tagged photographs of different stages of green belt development, periodic cleaning of garland drain, silt traps, siltation ponds, and outflow channel should be submitted along with half-yearly compliance report.
6. Benches should be formed and maintained as stipulated in the EC
7. Mined-out benches should be filled with topsoil and planted with local plant species.

129.12 Environmental Clearance issued from DEIAA, Palakkad for the Granite Building Stone Quarry in Ambalappara- II Village, Ottapalam Taluk, Palakkad District by M/s PPK Granites & Crusher Products Pvt. Ltd. (Judgment dated 10.03.2021 in WP (C) No.6159/2021 - Revalidation of EC). (File No. 1062/EC1/2021/SEIAA)

Decision: The Committee noted that the 124th meeting of SEAC decided to recommend rejection of the application since mine life is not mentioned in the EC order. The 112th meeting of SEIAA noted the recommendation of the Committee and directed the Project Proponent to make available required details to SEAC for the reconsideration of the decision of SEAC and also directed DEIAA Palakkad to hand over all related files to SEIAA for office record and necessary follow up action. The proponent submitted Mine Plan and Progressive Mine Closure Plan (revised) which they received back from DEIAA, Palakkad vide letter dated 22.04.2022. The Committee verified the documents, examined the proposal and discussed the Field Inspection Report and decided to recommend extension of the validity of EC with a Project Life of 8 years from the date of the original EC (21.4.2017) subject to the compliance of following specific conditions in addition to the specific and general conditions stipulated in the original EC.

1. The proponent should submit proof that a minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining as directed in the EC order dated 21.4.2017 (Report of the concerned Village Officer).
2. Appropriate benches should be provided where ever mining is done.
3. Where ever mining is done without maintaining 45° slope, such areas should be closed for mining and rehabilitated with immediate effect considering the closure plan.
4. The proponent should provide Rainwater Harvesting Facility as directed in the EC order dated 21.4.2017.
5. Strengthen the Green belt and avenue plantation by planting and nurturing indigenous species of trees.
6. The proponent should establish the maximum possible solar energy generation.
7. The drainage along with silt traps, collection tanks, and outflow channel should be provided and desilted periodically and geotagged photographs should be submitted as proof.
8. Overburden dump has to be properly protected with retaining wall/ gabion structure.
9. The 7.5m buffer zone should be segregated from the quarry pit and a green belt should be developed all over the buffer zone. If hard rock is exposed in the buffer zone that prevents the development of the green belt, compensatory afforestation should be carried out in a suitable location. The geo-tagged photographs of the afforested area should be submitted.

129.13 **Environmental Clearance for the Granite Building Stone Quarry Project in Survey Nos. 300/1 (pt), 300/2 (pt), 300/3(pt) of Oorakam Village, Tirurangadi Taluk, Malappuram District, Kerala (Judgment dated 04.05.2021 in WP(C) No.10928 of 2021 - Revalidation of EC). (File No. 1418/EC6/2021/SEIAA)**

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

129.14 **Environmental clearance for the quarry project in Sy. Nos. 286/10 (P), 286/1(P), 286/3(P), 286/4, 282/10, 278/4-1, 278/4-2, 278/4-3, 278/4-5, 278/4-4, 286/7(P), 286/2(P), 286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1, 278/2, 278/7, 277/1(P), 277/9 and 286/5(P) at Kangazha Village, Changanassery Taluk, Kottayam District, Kerala by M/s Karimala Granites & Aggregates Pvt. Ltd.-**

Judgment in WP (C) 12439 of 2020 (B) filed by Shri. K.J. Thomas Kutty M/s Karimala Granites & Aggregates Pvt. Ltd. Changanassery Taluk, Kottayam District- Revalidation of EC (File No. 222/SEIAA/KL/349/2014)

Decision: The Committee examined the documents submitted by the proponent and found them satisfactory. The Committee also examined the proposal and discussed the field inspection report. Accordingly, the Committee decided to recommend extension of the validity of EC with Project life of 12 years from the date of the original EC (i.e 29.11.2014), subject to the following specific conditions in addition to the specific and general conditions stipulated in the original EC. The issuance of EC should also be subject to the report of DC, Kottayam on the compliance of the residents of Pathanad Elakkad, Changanassery Taluk, Kottayam.

1. Garland canal should be laid considering the entire project area.
2. The garland canal along with silt traps, collection tanks, and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the Half Yearly Compliance Report.
3. The overburden dump should be protected with a proper gabion wall to avoid soil erosion
4. Green belt in the buffer should be strengthened with indigenous species and nurtured on a regular basis.
5. Steep faces of the quarry should be converted as benches.
6. The proponent should provide an Affidavit to maintain a maximum of only 5 m water column in the resultant quarry pit since the quarry is situated in an elevated place.

129.15 **Application for Revalidation of EC for the proposed Quarry Project in Re-Sy No. 35/3, 35/2 part, 41 part in Erimayur-1 Village, Alathur Taluk, Palakkad District, Kerala by Mr. Biju, Managing Partner, M/s Sahara Granites**
(File No. 146/SEIAA/KL/2747/2013)

Decision: The Committee verified the documents submitted by the proponent and decided to entrust Dr. A. V. Raghu and Dr. K. Vasudevan Pillai for field inspection and report.

129.16 **Environmental Clearance for the proposed Quarry Project in Sy. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 of Vandazhi - I Village, Alathur Taluk, Palakkad District, Kerala by Sri. Vinu Mani, Managing Partner, M/s. Paramount Granites (Judgment dated 24.05.2022 in WP(C) No.13934 of 2022 regarding revalidation). (File No.664/SEIAA/EC1/5179/2014)**

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

129.17 **Environmental Clearance issued for the proposed Quarry Project in Sy. Nos. 4/1pt, 4/3, 4/5 pt., 4/6 pt., 4/8, 4/9 pt., 4/11 pt., 4/12 pt., 61/3 pt., 61/5 pt., 61/8 pt., 62/2 pt., 62/3 pt., 62/4 pt. & 62/5 pt.at Uzhamalackal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala of Sri. M. Nizarudeen, Managing Director, M/s Ponnudi Blue Metals Pvt. Ltd (Judgment dated 02.11.2020 in WP(C) No. 11614/2020 regarding revalidation of EC)**
(File No. 873/SEIAA/EC1/ 3104/2015)

Decision: The Committee observed that in the 121st meeting of the SEAC decided to recommend the rejection of the proposal based on the report of non-compliance of EC conditions from the IRO, MoEF & CC dated 12-4-2021 and the Authority accepted the recommendation. The Proponent submitted the Compliance Report on 02.06.2021, which was sent to MoEF & CC. The Proponent attended all the queries raised in the MoEF Letter No.EP/12.1/2017-18/17/SEIAA/KER/36 dated 07.04.2021 and also submitted the documents sought by MoEF &CC. As per the direction of the 110th SEIAA meeting, the Committee verified the documents submitted by the proponent and decided to entrust Shri. M. Dileep Kumar & Dr. A. Bijukumar for field inspection and report.

129.18 **Environmental Clearance issued to the building stone quarry project in survey Nos. Sy. Nos. 475/9, 475/9-1, 475/10, 477/9-1, 477/15-1, 236/1, 236/3, 236/4, 236/6, 236/7, 236/8, 236/9, 235/3 & 235/10 of Manickal&Thekkada**

**Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala of Sri.
Abdul Kareem, M/s. Al - Falah Metal Crusher- Complaint received
(File No.1097/EC/SEIAA/KL/2017)**

Decision: The Committee observed that the 124th meeting of SEAC, after verifying the Field Inspection Report, decided to recommend to SEIAA to give six months for complying with the EC conditions. It was also stated that if the project proponent fails to comply with the EC conditions satisfactorily after this period, the EC will be cancelled. The project proponent has not submitted the compliance report even after the completion of 6 months, as per the decision of the 112th meeting of SEIAA. Therefore, the Committee decided to recommend to SEIAA to issue Stop Memo for non-submission of the report of compliance with the EC condition and also for non-compliance with the direction of the SEIAA.

Additional Agenda

**129.19 Revalidation of Environmental Clearance for the Building Stone Quarry of
M/S Nellikkunnu Granites & Crushers Pvt. Ltd., in Sy.No.523/I Part,
571/1 Part & 567 Part at Maruthonkara Village & Panchayath,
Vatakara Taluk, Kozhikode District, Kerala.**

Decision: The Committee examined the proposal and discussed the Field Inspection Report in detail. As per the original Mining Plan, the total mineable reserve estimated in 2014 was 84,84,156 MT for 7.899Ha. This is significantly a very high estimate. The proponent submitted the production plan. The proponent has not submitted the scheme of mining as directed by the SEIAA. Therefore, to determine project life, a clarification is required concerning mineable resources available and the scheme of mining. The proponent is directed to submit the same.

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

- 1. SIA/KL/MIN/131340/2019, 1574/EC2/2019/SEIAA
Granite Building Stone Quarry in No. 10/2 pt, 10/4 pt, 13/14 pt, 13/15 pt, 13/16, and
13/17 pt of Veliam Village, Kottarakkara Taluk, Kollam District of Kerala State
for an area of 0.9907 ha by Mr. Najeem A (Field Inspection Report Received)**

Decision: The Committee examined the proposal and discussed the Field Inspection Report and decided to recommend Environmental Clearance for the project with a Project Life of One year.

Though the life of mine as per the Mining Plan is two years, the Mining Plan is approved with the production plan for the first year only. The following Specific Conditions are suggested in addition to the General Conditions;

1. The Proponent should submit a valid NOC for the area. including the buffer area which is seen excluded in the NOC submitted.
2. Planting of trees for the development of green belt should be done prior to the commencement of mining and the green belt should be nurtured and maintained
3. Compensatory afforestation should be done prior to the commencement of mining with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
4. Garland drain along with silt traps, siltation pond of appropriate volume and outflow channel should be provided covering the entire project area. The siltation pond should be provided at the lowest portion of the project area with the outflow channel connected to existing quarry pit.
5. Garland drain, silt-traps, siltation ponds, and outflow channel should be desilted periodically to prevent any obstruction to the drainage system. Geo-tagged photographs of periodic cleaning of garland canal, silttraps, siltation pond and outflow channel should be included in the compliance report.
6. A retaining wall of appropriate height should be provided at the overburden dumping site.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
8. Haulage road should be maintained well with frequent sprinkling.
9. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
10. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

2. SIA/KL/MIN/134791/2020, 1625/EC1/2020/SEIAA

Proposed Granite Building Stone Quarry of Mr. Raju K Thomas Environmental Clearance for our proposed Granite Building Stone Quarry of Raju. K. Thomas over an extent of 2.9824 Hectares in Re Survey No. 217pt (Govt. Land) at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram District (Field inspection report received)

Decision: The Committee examined the proposal and discussed the Field Inspection Report and decided to direct the proponent to submit the following additional documents:

1. Certified Survey map from the Village Officer showing distance to the built structures within 200 m of the project area.

2. Copy of valid NOC received from the revenue authorities.
3. Possession certificate of the land proposed to be used for developing haulage road
4. Affidavit stating that the approach road to the Project site from the nearby main road will be developed with a minimum width of 7 m.
5. Affidavit stating that adequate compensatory afforestation with indigenous species of trees will be done in the available land prior to commencement of mining.
6. Geo-tagged photographs of the area where compensatory afforestation is proposed.
7. Boundary pillars should be provided with concrete pillars of size 10 cm x 10 cm and they should be firmly installed and marked with geo coordinates. Geo-tagged photographs of the same should be submitted.
8. Map showing the OB Dump site in the open land available at a lower elevation portion for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine. Gabion walls should be provided for the proposed OB dump.
9. Affidavit stating that an additional siltation pond at the lower part of leased land will be established for ensuring clear water discharge, into a nearby river / low land, as Pallickal River is located nearby.

3. SIA/KL/MIN/140436/2020 , 1675/EC2/2020/SEIAA

Granite (Building Stone) Quarry in Re-Sy. No. 121/2 part of Elamadu Village, Kottarakkara Taluk, Kollam District., Kerala Aishwaryarya Granites (Field Inspection Report Received)

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and discussed the field inspection Report. There is a Building housing a M-Sand Unit, within about 5m of the BP1 at the north-west side. There are many other buildings that are located without complying to the distance norms. Therefore, the Committee decided to recommend rejection of the proposal.

The Project Proponent during the field inspection submitted orally that he is willing to demolish the M-sand Unit and other buildings, if there is an assurance of issuing EC as his crusher is unable to be operated due to shortage of rocks. The Proponent has atleast 5 applications for EC under consideration of SEIAA in the adjacent areas out of which one with an area of 0.7800 Ha was recommended for EC in the 127th Meeting of SEAC and others under perusal.

4. SIA/KL/MIN/153616/2020 , 1809/EC1/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project in Survey No. 4/3, of Vaniyamkulam-2 Village, Ottapalam Taluk, Palakkad District, Kerala for an Area of 0.9415 Ha. By Sri.V. P Ramankutty, Managing Partner M/S Kulappully Granites (Field inspection report received)

Decision: The Committee verified the documents submitted by the proponent and found them satisfactory. The Committee discussed the field inspection report and decided to recommend EC with a Project Life of 4 Years subject to the following specific conditions in addition to the general conditions.

1. Development of the green belt all along the buffer zone using indigenous species should commence prior to the commencement of mining
2. Compensatory afforestation is required as a portion of the buffer is not conducive to thick vegetation growth. Therefore, the proponent should submit the details and geo-tagged photographs of the location of land earmarked for compensatory afforestation prior to commencement of mining.
3. CER proposed should be implemented during the first two years and it should be operated and maintained during the rest of the project period till the closure plan is implemented.
4. Garland canal along with silt traps and siltation pond and outflow channel should be provided covering the entire project area
5. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically to avoid any hindrance to overland drainage.

5. SIA/KL/MIN/159159/2020, 1852/EC2/2020/SEIAA

Laterite Building Stone Quarry of Prabhat Menon situated at Re-Survey No.676/pt of Madikai Village, Hosdurg Taluk, Kasaragod District, Kerala for an area of 0.0972 hectares. (Presentation)

Decision: As invited, the proponent Mr. Prabhat Menon and RQP Mr. Muhammed Kunhi were present. The RQP made the presentation. After hearing the presentation the Committee decided to entrust Shri. V. Gopinathan and Dr. A.N. Manoharan for field inspection and report. The proponent should submit a recent survey map at the time of field inspection for verification.

6. SIA/KL/MIN/159687/2020, 1853/EC2/2020/SEIAA

Conversion TOR to EC- Granite Building Stone Quarry of Mr. Sebastian George for an extent of 0.8752 Ha in Re Survey No 599/1A1, 599/1A2 & 599/3 of Belur Village Vellarikund Taluk Kasargode District Kerala (Presentation)

Decision: Even after prior intimation the proponent is absent. Hence the committee decided to defer the item to give one more chance to the proponent for presentation.

7. SIA/KL/MIN/180272/2020, 1841/EC3/2020/SEIAA

Environmental Clearance for Ordinary Earth Mining Project of Mr. V.A Rajan, over an extent of 0.4613 Ha in Sy No-676/13-1, 676/13-2 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala. (Presentation)

Decision: As invited the authorized person of the proponent Mr. Mahesh P.R with the authorization letter, and RQP Mr. Nazar Ahammed were present. The RQP made the presentation. After hearing the presentation, the Committee decided to direct the proponent to submit the following additional documents:

1. Recent Work Order for the end use of the excavated earth.
2. A Recent survey map certified by the Village Officer showing the distance to residential/public buildings and other built structures nearby.
3. Consent from the owner of the adjacent house.
4. Clarification regarding the Panchayath road passing through the proposed mining area including as to how mining will impact the road
5. Revised plan for excavation without affecting the Panchayath road and maintaining adequate buffer between the road and project area.
6. Drainage map for ensuring unhindered drainage of the area
7. Clarification as to why the excess area or area where mining is not proposed to be done has been shown as the project area.

8. SIA/KL/MIN/181699/2020, 1875/EC3/2021/SEIAA

Environment Clearance for mining of “Granite Building Stone Quarry, M/s. Focus Mining Company” over an extent of 4.6674 Ha. at Bl. No.13, Re-Sy. Nos. 335/2-1, 335/2-2, 335/2-3, Kanjirappally Village, Kanjirappally Taluk, Kottayam District, Kerala. (Presentation)

Decision: As invited, the proponent Sri. Raju Cyriac and RQP Mr. Thambu Cheriyan were present. The RQP made the presentation. The Committee after hearing the presentation decided to direct the proponent to submit the following additional documents:

1. Recent Cluster Certificate from the Department of Mining & Geology.
2. The CER is to be revised in addition to the proposed items by including the activities that benefit the local environment and people.
3. A plan for the utilization of quarry pit water for some useful public purpose as part of the Mine Closure Plan.
4. Location for compensatory afforestation with the geo-coordinates.

9. SIA/KL/MIN/186100/2020, 1848/EC4/2020/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. Rajesh. T.S at Re Survey. No.5 in Eruvessi Village, Taliparamba Taluk, Kannur District, Kerala for total mine lease area of 1.0963 Ha. (Presentation)

Decision: As invited, the proponent Mr. Rajesh T.S and the RQP Mr. Mahesh were present. The RQP made the presentation. After hearing the presentation, the Committee decided to direct the proponent to submit the following additional documents:

1. A correction proposal considering the stability of the slope and the old mine area.
2. Protection plan for the OB dumping site.
3. Green belt plan in the buffer zone.
4. Compensatory afforestation plan along with details and geo-coordinates of the proposed site.

10. SIA/KL/MIN/186383/2020, 1887/EC1/2021/SEIAA

Building Stone Quarry of Mr. Pradeep Kumar over an extent of 4.2567 Hectares in Re-Survey Nos. 129/1pt, 131/5pt, 131/6pt & 131/7pt of Pullampara Village, Block No.-22, Nedumangadu Taluk, Thiruvananthapuram District, Kerala (Presentation)

Decision: As invited, the proponent Mr. Pradeep Kumar and the RQP Mr. Mahesh were present. The RQP made the presentation. After hearing the presentation, the Committee decided to direct the proponent to submit the following additional documents:

1. Revised project cost.
2. Recent Cluster Certificate from M & G Department
3. A Recent survey map certified by the Village Officer showing the distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places, etc., within 200 m. radius of the lease boundary.
4. Revised Environmental Management Plan along with cost estimates.
5. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER.
6. The stakeholder consent of the beneficiary of the proposed CER.
7. Detailed drainage plan incorporating the entire project area
8. The plan for the relocation of OB dumping site to a safe area.
9. The elevation difference of the proposed area is around 100 m and hence submit a work plan for ensuring slope stabilization in the project area and its surroundings.

11. SIA/KL/MIN/187772/2020, 1857/EC4/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Smt. Prajeena Parayil at Block No. 210, Re-Survey No: 2/106 in Padiyoor Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1942 Ha. (Presentation)

Decision: As invited the proponent Smt. Prajeena Parayil and RQP Mr. Roy were present. The RQP made the presentation. After hearing the presentation and examining the proposal, the the Committee decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

12. SIA/KL/MIN/188469/2020, 1868/EC4/2020/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Mr. Riyas N.K.at Re -Sy. No. 149/1 of Perumanna Village, Kozhikode Taluk, Kozhikode District of Kerala for an extent of 0.2593 Ha (Presentation)

Decision: Even after prior intimation the proponent is absent. Hence the committee decided to defer the item and to give one more chance to the proponent for presentation.

13. SIA/KL/MIN/194573/2021, 1889/EC6/2021/SEIAA

Environmental Clearance for the Laterite Building Stone Quarry of Mr. Asees Kadakkadan for an extent of 0.5827 Ha Sy. No. 458/2,3 of Ponmala Village, Tirur Taluk, Malappuram District, Kerala (Presentation)

Decision: As invited the proponent Mr. Asees Kadakkadan and RQP Mr. Nazar Ahammed were present. The RQP made the presentation. After hearing the presentation, the Committee decided to entrust Shri. V. Gopinathan and Dr. A. V Raghu for field inspection and report.

14. SIA/KL/MIN/195042/2021, 1886/EC4/2021/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Chandrasekharan K.P at Re - Sy. No 3/485 of Kalliad Village, Iritty Taluk, Kannur District of Kerala for an extent of 0.3885 Ha (Presentation)

Decision: As invited the proponent Shri. Chandrasekharan. K.P and RQP Mr. Nazar Ahammed were present. The RQP made the presentation. After hearing the presentation and examining the proposal, the Committee decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years

3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

15. SIA/KL/MIN/195293/2021, 1895/EC6/2021/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Survey Nos. 98/5-2, 98/5-3 in Ponmala Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.1921 Ha (Presentation)

Decision: Even after prior intimation the proponent is absent. Hence the committee decided to defer the item and to give one more chance to the proponent for presentation.

16. SIA/KL/MIN/195303/2021, 1885/EC4/2021/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. M.P Balan at Re.Sy. No. 29/3 of Meppayyur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.9928 Ha (Presentation)

Decision: As invited, the authorized person, Mr. Raveendran, on behalf of the proponent M.P Balan with due authorization letter and RQP Mr. Nazar Ahammed were present. The RQP made the presentation. The Committee observed that the nearest built structure is at a distance of 61 m. After hearing the presentation, the Committee decided to direct the proponent to submit the following additional documents sought in the 124th meeting of SEAC which are yet to be submitted.

1. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER.

17. SIA/KL/MIN/195424/2021, 1902/EC4/2021/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No: 30/1687 New (30 old) in Chuzhali Village, Thaliparamba Taluk, Kannur District, Kerala for an extent of 0.4047 Ha (Presentation)

Decision: As invited the proponent Shri. Jithesh Kumar A.E, Secretary of Kannur Kallukothu Thozhilali Kshema Sahakarana Sangam Ltd and RQP Mr. Roy were present. After hearing the presentation and examining the proposal, the Committee decided to recommend EC for 3 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

18. SIA/KL/MIN/204626/2021, 1351/EC2/2019/SEIAA

Environmental Clearance for the Building Stone Quarry extends over an area of 3.9800 Ha in Sy. No. 253/14, 266/1 & 266/2 of Cherukave Village Kondaty Taluk, Malappuram district of Kerala . (Presentation)

Decision: As invited, Mr. Premarajan K, authorized duly by the proponent Smt. Malathy .K and RQP and Functional Area Expert Sri. Kantharajan were present. The Committee, on verification, observed that the validity of the NABET Accreditation Certificate of the Consultant Organization is now expired and the Consultant failed to submit a valid accreditation certificate. As per Clause. 13 of EIA Notification, 2006, only accredited consultant organization can only be allowed to prepare and present the EIA report and EMP before the SEAC. Hence the Committee decided to defer the item.

19. SIA/KL/MIN/204850/2021, 1352/EC2/2019/SEIAA

Environmental Clearance for the Building Stone quarry situated at Sy. No. 253/14, & 266/2 of Cherukave village Kondaty Taluk, Malappuram District of Kerala State, extends over an area of 4.4462 Ha (Presentation)

Decision: As invited, the proponent Mr. Jayaprakash, and RQP and Functional Area Expert Sri. Kantharajan were present. The Committee, on verification, observed that the validity of the NABET Accreditation Certificate of the Consultant Organization is now expired and the Consultant failed to submit a valid accreditation certificate. As per Clause. 13 of EIA Notification, 2006, only accredited consultant organization can be allowed to prepare and present the EIA report and EMP before the SEAC. Hence the Committee decided to defer the item.

20. SIA/KL/MIN/209584/2021, 1903/EC3/2021/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry over an extent of 3.6153 Hectares in Survey No. 231 part (Govt. Land) at Konnathady Village of Idukki Taluk, Idukki District, Kerala. (Complaint received)-(Presentation)

Decision: As invited, the authorized person, Mr.Saji Ulahannan, of the proponent Mr. Ananthu Sunil, with due authorization letter and RQP Sri. Mahesh were present. The RQP made the presentation. The Committee observed that the proposed Village belongs to the list of ESA villages as per the existing Notifications. The Certificate of the Village Officer states that the proposed survey number of the project area is not included in the ESA notified by the MoEF and the land is given NOC by the District Collector of Idukki for mining of rocks. map of KSBB. But as per OM dated 20.12.2013 of MoEF&CC mining is a prohibited activity in ESA. So the Committee decided that further appraisal of the application will be done after getting clarification from SEIAA whether applications for obtaining EC for mining projects in ESA villages can be considered or not.

The proposal also lack details on the compensatory afforestation plan required including the geo-coordinates of the land proposed for it, valid NOC from the Government, revised CER as per the relevant OM and response of the proponent to the complaint filed against the project.

21. SIA/KL/MIN/41970/2019, 1715/EC1/2020/SEIAA

Environment clearance for the Proposed Granite Building Stone Quarry over an extent of 1.2120 Hectares in Re-Survey No. 222 part (Govt. Land.) at Pazhayakunnummel Village, Block No.-33, Chirayinkeezhu Taluk, Thiruvananthapuram District of Kerala State by Mr. SAKKEER A (Field inspection report received)

Decision: The Committee examined the proposal and discussed the field inspection report and decided to direct the proponent to submit the following additional documents:

1. Hazard Zonation Map of the area and the distance between the project site and hazard zones.
2. There are about 23 houses within the distance of 200m from the boundary of the project site. Therefore, the numerous boulders in the project area poses threat to the houses all around the project area. Hence a detailed action plan for removal of the entire boulders prior to the commencement of mining activity should be prepared and submitted. Techniques like diamond wire saw cutting etc. should be explored for removal of the boulders.
3. It is observed that there are boulders, small and big, located on the proposed buffer zone of the project area. These should be removed prior to the setting out of the project site as green belt development should commence prior to the commencement of the mining activity. Therefore, a detailed plan should be prepared and submitted for the removal of the boulders loated on the buffer area on a priority basis.
4. A detailed plan for compensatory afforestation using indigenous tree species in the available land around the proposed project site with increased focus on the land in the upper slope region.

5. Geocoordinates of the land proposed for compensatory afforestation and geo-tagged photographs of the proposed area.
6. An implementation plan for stabilization of slope and prevention of rock fall based on the study conducted by the proponent.

22. SIA/KL/MIN/52716/2020 , 1654/EC6/2020/SEIAA

Environment Clearance for the proposed Granite Building Stone Quarry of Mr. Sajeer Moyin for an area of 4.7425 hectares in Survey Number 323/1-3, 323/1-4, 323/1-11 & 323/1-12 at Thiruvalli Village, Nilambur Taluk, Malappuram District, Kerala (Presentation)

Decision: As invited the proponent, Sri. Sajeer Moyin and consultant of M/s Ultratech, Mrs. Ananthitha and RQP Sri. Mahesh were present. The RQP, made the presentation. The Committee observed that the EIA study is not done in compliance to the approved ToR. The Committee also expressed apprehension about the estimation of mineable reserve, drainage plan, slope stability, terrain aspects etc. Based on the discussions, the Committee directed the Proponent to submit EIA report after ensuring that it addressed all the aspects contained in the approved ToR and other concerns as follows.

1. Reassessment of the total mineable reserve
2. Detailed drainage plan after assessing the carrying capacity of the natural drain
3. Detailed terrain analysis and its implication on mining activities.
4. Detailed Slope Stabilization Study and based management action plan.
5. EIA report addressing all the aspects of approved ToR.

23. SIA/KL/MIN/62708/2019, 1901/EC4/2021/SEIAA

Environment Clearance for the Proposed Granite Building Stone Quarry of Mr. Abdul Rahim for an extent of 3.8830 Ha in Re Survey No. 147/46, 147/2A1, 147/2A2, 147/42, 147/43, 147/44, 147/41 at Thazhakkode Village, Kozhikode Taluk, Kozhikode District, Kerala (Presentation)

Decision: As invited, the proponent Mr. Abdu Rahim, and RQP Sri. Nazar Ahammed and Functional Area Expert were present. The Committee on verification observed that the validity of the NABET Accreditation Certificate of the Consultant Organization is expired. The functional area expert failed to submit a valid accreditation certificate before the Committee. As per Clause. 13 of EIA Notification, 2006, only accredited consultant organization can be allowed to prepare and present the EIA report and EMP before the SEAC. Hence the Committee decided to defer the item.

24. SIA/KL/MIN/69596/2021, 1872/EC1/2021/SEIAA

Environment Clearance (EC) for the Granite Building Stone Quarry of N. Ramachandran in Anavoor Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (Fresh proposal for EC after EIA study)

Decision: The Committee verified and discussed the proposal and decided to invite the proponent for a presentation.

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

1. SIA/KL/MIN/183508/2020, 803/EC4/2120/2015/SEIAA

Extension of Environmental Clearance for the Granite (Building Stone) Quarry of Shri. A. D. John in Survey Nos. 133/1, 133/1-1, 133/2, 133/3, 133/5, 133/6, 133/6-1, 133/6- 2, 133/6-3, 133/6-4, 133/6-5, 133/6-6, 133/6-7, 133/7, 133/7- 1, 133/7-2, 133/7-3, 133/7-4, 133/8-1, 133/9, 133/9-2, 107/4- 1, 107/6, 107/6-2, 107/7, 107/7-2, 107/7-3, 107/8, 107/8-1, 108/3, 108/3-1 at Kottangal Village, Mallapally Taluk, Pathanamthitta District, Kerala (Proposal referred from 113th SEIAA)

Decision: The Project was issued EC on 5.3.2016 for 5 years. Application for extension of validity of EC was submitted in December 2020. The Committee examined the proposal and decided to invite the proponent for a presentation.

2. SIA/KL/MIN/254154/2022, 522/SEIAA/EC3/3826/2014

Environmental Clearance for the building stone quarry at SurveyNo.51/1, 51/3, 51/4, 51/5, 51/6, 51/10, 51/11, 53/2, 53/3, 53/4, 53/5, 53/6, 53/7, 60/4 (p), 60/5 (p), 60/7 & 66/4, of Kizhakkambalam Village, Kunnathunadu Taluk, Ernakulam District, Kerala for an Area of 7.0802 Ha. (Complaint received) (Clarification with respect to the aspect of application submitted after the expiry of validity period)

Decision: The Project was issued EC on 28.12.2015 for 5 years. Since the validity was expired on 27.12.2020, SEIAA may examine whether the proponent can apply for an extension after the expiry of EC. If not ToR has to be obtained for a fresh appraisal.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/70441/2021, 1936/EC4/2022/SEIAA

ToR for the Proposed Granite Building Stone Quarry of Mr. Abdulla T T at Kodyathoor Village, Kozhikode Taluk, Kozhikode District, Kerala for an extent of 2.9688 Ha

Decision: The Committee examined the proposal and decided to invite the proponent for a presentation

2. SIA/KL/MIN/38577/2019, 1402/EC2/2019/SEIAA

ToR for the proposed Granite Building Stone Quarry (2.4929 Ha) in Re - Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) Parlikkad Village, Thalappilly Taluk, Thrissur District, Kerala

Decision: The Committee discussed the proposal and studied the Field inspection report. The 123rd meeting of the SEAC discussed the Report of the Field Inspection conducted on 1.7.2021 and decided to direct the proponent to submit revalidated mining plan with detailed mineable reserve estimation. Accordingly, the proponent approached the Mining & Geology Department on 15.12.2021 to which the Geologist, Mining & Geology Department, Thrissur replied as follows. "Mine Plan is approved for yearwise production as when quarrying operation starts. Further, on site inspection it was revealed that no quarrying activity has been yet started in the site of the proposed quarry project. Hence you are informed that there is no need for revalidation of mining plan of your proposed quarry project at present". As per the survey map certified by the Village Officer, a Crusher unit and a transformer is shown at a distance of around 20m from the Boundary Pillar 1. As per the Mine Plan approved on 7.10.2016, the Life of Mine is projected as around 16 years, but considering the estimate of mineable reserve and annual production plan, the Life of Mine is only 13 years. The maximum depth of the ultimate mine pit will be 70m indicating that the mining will be done from 90m above MSL to 20m above MSL. The lowest ground level of the project is at around 55m above MSL. The top soil and over burden thickness varies from 0.30 m to 0.40 m. As per the Mine Plan, the depth to water level in pre-monsoon period ranges from 1.4 to 12.9 m below ground level and in post-monsoon period between 0.59 m to 10.86 m below ground level. Generally this area has a relatively shallow ground water table. Therefore, it is desirable to limit the mining depth to around 50m considering the depth to water table. Considering all these aspects, the Committee decided to recommend environmental clearance with Project Life of 8 years with the following specific conditions in addition to general conditions.

1. The KSEB Transformer and Crusher unit should be relocated to a location beyond 50m from the project boundary prior to issuance of environmental clearance.
2. The Proponent should submit the clearance from the NBWL prior to issuance of environmental clearance.
3. The ultimate depth of mining should be limited to a maximum of 50m above MSL limiting to 2m above the groundwater table. Accordingly, the maximum number of benches should be limited to 8, maximum mineable quantity should be limited to 8,11,600 MT and the production plan should be maximum of 1,01,450 ton per annum.

4. Planting of trees for the development of green belt should be done prior to the commencement of mining and the green belt should be nurtured and maintained
5. Compensatory afforestation should be done prior to the commencement of mining with indigenous species of trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
6. Garland drain along with silt traps, siltation pond of appropriate volume and outflow channel should be provided covering the entire project area. The siltation pond should be provided at the lowest portion of the project area with the outflow channel connected to natural drain.
7. Garland drain, silt-traps, siltation ponds, and outflow channel should be desilted periodically to prevent any obstruction to the drainage system. Geo-tagged photographs of periodic cleaning of garland canal, siltraps, siltation pond and outflow channel should be included in the half-yearly compliance report.
8. A retaining wall of appropriate height should be provided for the overburden dumping site.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. Haulage road should be maintained well with frequent sprinkling of water.
11. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
12. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

3. SIA/KL/MIN/40632/2019, 1419/EC1/2019/SEIAA

ToR for the proposed Building Stone Quarry of Mr. Suresh Babu, at Re Survey No-1/9,2/4A,2/4B in Ottapalam-1 Village, Ottapalam Taluk, Palakkad District, Kerala for an extent of 2.9408 Ha

Decision: The Committee examined the proposal and verified the documents submitted. The project was presented before the Committee earlier and field inspection was conducted. It is noted that scheme of mining is worked out in detail only for 5 years. The Committee decided to recommend EC with Project Life of 5 Years considering safe depth of mining subjected to the following specific conditions in addition to general conditions.

1. Planting of trees for the development of green belt should be done prior to the commencement of mining and the green belt should be nurtured and maintained
2. Compensatory afforestation should be done prior to the commencement of mining with indigenous species of trees and the geocoordinates of the afforested place with photographs should be provided along with half-yearly compliance report.

3. Garland drain along with silt traps, siltation pond of appropriate volume and outflow channel should be provided covering the entire project area. The siltation pond should be provided at the lowest portion of the project area with the outflow channel connected to natural drain.
4. Garland drain, silt-traps, siltation ponds, and outflow channel should be desilted periodically to prevent any obstruction to the drainage system. Geo-tagged photographs of periodic cleaning of garland canal, siltraps, siltation pond and outflow channel should be included in the half-yearly compliance report.
5. A retaining wall of appropriate height should be provided for the overburden dumping site.
6. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
7. Haulage road should be widened and maintained well with frequent sprinkling of water.
8. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the half-yearly compliance report.
9. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

The proponent is directed to submit application for 'Conversion-TOR to EC' in the Parivesh portal along with all the documents submitted earlier (for TOR) including the additional documents sought by SEAC.

4. SIA/KL/MIN/75523/2022, 2001/EC2/2022/SEIAA

ToR for the Proposed Granite Building Stone Quarry of A.M Chackochan at Elamad Village, Kottarakara Taluk, Kollam District, Kerala for an extent of 8.0563 Ha

Decision: The Committee discussed the proposal and decided to invite the proponent for a presentation.

5. SIA/KL/MIS/72908/2022, 1993/EC3/2022/SEIAA

Environmental Clearance for the Project-Valley View Apartment, Ambalamedu at Ambalamugal, Karimugal, P.O. Kochi, Kerala by M/s NBCC

Decision: The Committee discussed the proposal and decided to invite the proponent for a presentation.

6. SIA/KL/MIN/38063/2019, 1398/EC2/2019/SEIAA

Environmental Clearance for our proposed Granite Building Stone Quarry over an extent of 0.8949 Hectares in Sy. No. 138/4 (Pt) & 140/4 (Pt), Patta Land at Iravon Village, Konni Taluk, Pathanamthitta District of Kerala

Decision: The proponent is directed to apply for an application to get EC via PARIVESH Portal.

7. SIA/KL/MIN/37909/2019, 1396/EC1/2019/SEIAA

ToR for the Proposed Granite Building Stone Quarry of Mr. Sudheesh A T at Re Survey No: 432/584 of Nenmeni Village, Sulthan Bathery Taluk, Wayanad District, Kerala for an area of 0.9612 hectares

Decision: The proponent is directed to apply for EC in Parivesh portal along with all the documents submitted earlier (for TOR) including the additional documents sought by SEAC. Applicant should mention 'Conversion-TOR to EC' in the project name while applying for EC in PARIVESH. Also, all the details are to be mentioned in the covering letter including the relevant pages of SEAC minutes.

8. SIA/KL/MIS/77012/2022, 2014/EC3/2022/SEIAA

Proposed Expansion of M/s. Al-Azhar Medical College and Super Speciality Hospital', Thodupuzh a - Ezhalloor Road, Kumaramangalam, Idukki, is located in Re-Sy No. 15, 100/1, 4l, 4l3/4, 4/4/2, 4/315, 4/3/94,406/5,406, 4/3, 4/4, 4/3/2,40411,404/3, 3,2,406/3,40616, 89/7' 82/2' 8916, 398/3, 398/9, 405/1 in Kumaramangalam Village, Thodupuzha Taluk, Idukki District' Kerala'

Decision: The Committee discussed the proposal and decided to invite the proponent for a presentation.

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/130005/2019, 1568/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry (Minor Mineral) project of Mr. Shafir P is situated at Survey No. 374/782, 374/509, 374/510 of Valat Village, Manathavadi Taluk, Wayanad District, and Kerala for an area of 1.5046 hectares

Decision: The Committee verified the documents submitted by the proponent and found that as per the submitted documents the project area is beyond 10km from the protected area, so, Wildlife Clearance from the NBWL is not mandatory. The Committee decided to invite the

proponent for a presentation before the Committee as part of the appraisal and to decide whether a field inspection is required.

2. SIA/KL/MIN/130412/2019, 1647/EC4/2020/SEIAA

Granite Building Stone Quarry of M/s Memi Granites Pvt Ltd. over an extent of 0.9653Ha in Re. Sy No. 122,123/1, block No. 22, of Kolari village, Iritty taluk, in Kannur District of Kerala.

Decision: The Committee verified the documents submitted by the proponent including the Survey Map, Drainage plan, and all other requested documents. The Committee decided to invite the proponent for a presentation before the Committee as part of the appraisal and to decide whether a field inspection is required.

3. SIA/KL/MIN/131683/2019 , 1813/EC3/2020/SEIAA

Environmental Clearance for Granite Building Stone Quarry of Mr. N.A. Thomas for an extent of 0.9668Ha, in Survey No 372/1A/3/8, 372/1A/4/9 & 372/1A/4/9 in Kottappady Village, Kothamangalam Taluk, Ernakulam - District, Kerala

Decision: The Committee scrutinized the proposal submitted by the proponent. The Committee decided to invite the proponent for a presentation before the Committee as part of the appraisal and to decide whether a field inspection is required. The proponent should include a legible certified survey map in the presentation slides and the same may be uploaded in the PARIVESH portal after the presentation.

4. SIA/KL/MIN/134527/2020 , 1637/EC3/2020/SEIAA

Building Stone Quarry of M/s. Four Star Granites over an area of 1.6479 Ha in Sy. No. 503/1,503/2,498/3-B/8- 6,493/1/14-B of Varapetty Village, Kothamangalam Taluk, Ernakulam (Judgment in WP (C) No. 25340 of 2021 dated 16/11/2021)

Decision: The Committee observed that the proposal was presented before the Committee and a field inspection was conducted. The Committee examined the documents submitted and discussed the field inspection report. The Committee observed that the Proponent failed to submit a recent legible certified survey map indicating distance to residential/public buildings and other built structures and also the proposal for fulfilling the Corporate Environmental Responsibility as per the directions contained in the latest Office Memorandum irrespective of repeated requests. The Committee decided to give one more opportunity to the Proponent to submit the following documents:

1. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated

20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

2. A legible and recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
3. Affidavit stating that the road connecting the project site and the Panchayat road will be developed with adequate width and regulated slope

5. SIA/KL/MIN/134774/2020 , 1646/EC4/2020/SEIAA

Granite Building Stone Quarry of Sri. Muhammed Themeem P Cat Re Survey No. 18/14, 18/13 of Vavad Village, Thamarassery Taluk, Kozhikode District, and Kerala for an area of 0.5553 hectares

Decision: The Committee scrutinized the proposal submitted by the proponent. The Committee decided to invite the proponent for a presentation before the Committee as part of the appraisal and to decide whether a field inspection is required.

6. SIA/KL/MIN/139395/2020, 1703/EC3/2020/SEIAA

Granite Building Stone Quarry of M/s. St. Augustine's Granites" over an extent of 3.6352 Ha. (8.9825 Acres) Block No. 28, Re-Sy. Nos. 101/3, 102/4-2, 102/5, 102/5-1, 102/6, 102/7, 102/8, 179/1, 179/1-1, 179/3-1, 179/3-2, 179/3-3, Ramapuram Village, Meenachil Taluk, Kottayam District, Kerala

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent and decided to entrust Dr. Mahesh Mohan & Dr. K. N. Krishnakumar for field inspection and report.

7. SIA/KL/MIN/142553/2020 , 1686/EC3/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Shri. Anilkumar P S for an extent of 0.1943 Ha in Re-Survey No. 812/10-2 of Koothattukulam Village, Muvattupuzha Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent and decided to entrust Dr. Mahesh Mohan & Dr. K. N. Krishnakumar for field inspection and report.

8. SIA/KL/MIN/142898/2020, 1596/EC4/2020/SEIAA

Environmental Clearance for the proposed Laterite (Building Stone) Quarry for an extent of 0.0971 Ha in Re-Survey No. 625/2B-1 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC with Project Life of One year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. 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.
3. The drain should be provided with silt traps and siltation pond and the overflow water should be drained to the nearest natural drain without any hindrance.
4. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
5. The CER should be implemented as per rule
6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

9. SIA/KL/MIN/143918/2020, 1367/EC2/2019/SEIAA

Environmental Clearance for Granite Building Stone over an extent of 0.5463Ha at Re SyNos- 316/4,320/6 in Thiruvallloor Village, Vatakara Taluk, Kozhikode District, Kerala

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent and decided to entrust Dr. C. C. Harilal & Dr. A. N. Manoharan for field inspection and report.

10. SIA/KL/MIN/145053/2020 , 1370/EC2/2019/SEIAA

Environmental Clearance for Granite Building Stone over an extent of 0.3339 Ha at Re Sy No 533/2, 3 in Thiruvallloor Village, Vatakara Taluk, Kozhikode District, Kerala. By Sri. Shaji N.M

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent and decided to entrust Dr. C. C. Harilal & Dr. A. N. Manoharan for field inspection and report.

11. SIA/KL/MIN/146731/2020 , 1617/EC1/2020/SEIAA

Environment Clearance for Granite Building Stone Quarry of Shri. Abdul Salim, for an area of 1.7197 Ha. in Re- Sy Number 90/1pt, 90/3pt, 88/1pt, 88/2pt & 88/3pt Pullampara Village, Nedumangadu Taluk, Thiruvananthapuram District, Kerala

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and discussed the field inspection report. The Committee decided to recommend EC with Project Life of 10 years subject to the following Specific Conditions in addition to the General Conditions:

1. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
3. The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.
4. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the half-yearly compliance report.
5. Compensatory afforestation should be done with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.
6. Detailed water level measurement data of nearby open wells with geo coordinates should be incorporated in the half-yearly compliance report.
7. The boulders present in the lower slopes of land should be removed carefully and as proposed in the respective plan submitted by the proponent to prevent any accidents due to boulder slips.
8. A retaining wall of appropriate height should be provided for the overburden dumping site.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. Haulage road should be maintained well with frequent sprinkling of water.
11. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

12. SIA/KL/MIN/148469/2020 , 1710/EC6/2020/SEIAA

Laterite Building Stone Quarry of Ali N for an extent of 0.0971 Ha in Re-Survey No. 185/1 of Kattipparuthy Village, Tirur Taluk, Malappuram District, Kerala.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and discussed the field inspection report. The Committee decided to recommend EC for 1 year from the date of permit from Mining & Geology with the following Specific Conditions in addition to the General Conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. 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.
3. The drain should be provided with silt traps and siltation pond and the overflow water should be drained to the nearest natural drain without any hindrance.
4. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
5. The CER should be implemented as per rule
6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

13. SIA/KL/MIN/149363/2020 , 1769/EC6/2020/SEIAA

Granite Building Stone Quarry of Sri. Sajan Mani' over an extent of 0.9709 Ha.inSy. No. 2398 of Peechi Village, Thrissur Taluk, Thrissur District, Kerala.

Decision: The 124th meeting of the SEAC discussed the report of the field inspection conducted on 17.8.2021 and decided to direct the proponent to submit additional documents/details. The Proponent submitted the documents on 11.4.2022. The Committee verified the documents and found them satisfactory. The proponent also submitted precautionary measures to prevent the impact on the nearby factory and also a traffic plan which are also found satisfactory. The Peechi – Vazhani Wildlife Sanctuary is located at a distance of 2.52km and the Proponent has submitted copy of the application for clearance from the NBWL. However, there is an apprehension expressed in the report of the field inspection conducted on 17.8.2021. Though the apprehension is not substantiated, the Committee decided to take a decision on the proposal after having a revisit to the project site and entrusted Dr. R. Ajayakumar Varma and Mr. Sheik Hyder Hussain for field verification and report.

14. SIA/KL/MIN/152995/2020 , 1681/EC1/2020/SEIAA

Application for Environmental Clearance for the Proposed Granite (Building Stone) Quarry of M/s Deepam Granites in Block No-5, Re-Sy No. 540/5 in Pallassena Village, Chittur Taluk, Palakkad District, Kerala

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent and decided to entrust Dr. K. N. Krishnakumar & Dr. K. Vasudevan Pillai for field inspection and report.

15. SIA/KL/MIN/155712/2020 , 1688/EC1/2020/SEIAA

Application for the Building Stone Mine (Quarry) project of Mr. V. Sudhakaran for an area of 1.7230 hectares in Block No. 4, Re- Sy Nos. 270/1, 2, 3, 4, 4-1, 5, 5-1, 5-2, 5-3, 5-4, 5-18, 5-19, 12, 12-1, 12-2, 14, 15, 15-1, 16, 17 of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala

Decision: The Committee examined the proposal presented before the Committee earlier and verified the documents submitted by the proponent. The Committee observed that the proposed area is in the Mookkunnimala region, where the environmental fragility is a serious concern due to haphazard mining in the past. There are defense installations in the area and executive and judicial interventions regarding the permission for mining. Therefore, it is decided to request the Authority to seek the following details.

1. Clarification from the Legal Officer, SEIAA regarding legal issues, if any, existing against mining in Mookkunnimala region, especially in the light of defense installations.
2. Clarification from the District Administration, Thiruvananthapuram regarding prohibition for mining/quarrying in Mookkunnimala region, if any.

16. SIA/KL/MIN/164009/2020 , 1372/EC2/2019/SEIAA

Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Rajan Thomas for an area of 4.9231 Ha in Re-Sy Nos. 205/3, 205/5, 199/3, 199/8, 199/7, 199/7-1, 199/9, 199/6-1, 198/1, 198/2, 197/1, 198/5, 198/5-6, 198/4, 207/1, 198/3, 206/2, 206, 206/4, 206/1, 206/3 of Kanjirappally Village & Panchayat, Kanjirappally Taluk, Kottayam District, Kerala. (Complaint Received)

Decision: The Committee examined the proposal and discussed the field inspection report and the complaint received. The Committee decided to defer the proposal for detailed evaluation by a team consisting of Dr. R. Ajayakumar Varma and Dr. Mahesh Mohan. The Committee also decided to direct the proponent to submit a report based on a detailed study to assess the impact of vibration due to blasting on built structures including public and private buildings, religious structures, if any, etc within 500 m radius of the project site and the precautionary measures for mitigation the impacts, if any, engaging an institute of national repute.

17. SIA/KL/MIN/166510/2020, 1811/EC3/2020/SEIAA

Building Stone Mine (Quarry, Minor Mineral Mining) project of M/S Chattupara Granites Private Limited for an area of 0.9700 hectares in Survey Nos. 734/1B-32, 734/1B-34-3, 734/1B-34-4 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Complaint Received)

Decision: The Committee examined the proposal, discussed the report of the field inspection conducted on 8.7.2021 and verified the documents submitted. The Committee decided to forward the complaint received from Sri. Ajish James for the response of the proponent. It is decided to consider the Project after obtaining the response from the Proponent.

18. SIA/KL/MIN/170028/2020, 1432/EC3/SEIAA/2019

Proposed Granite/Building Stone Quarry of Mr. Saseendran. K, for an extent of 0.4609 Ha in Re Survey NoS-84/3, 86/1, 84/4 in Atholi village, Koyilandy Taluk, Kozhikode District, Kerala

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC for the project with Project Life of 5 years subject to the following Specific Conditions in addition to the General Conditions;

1. The garland drain alongwith silttraps, siltation pond and outflow channel should be provided and the outflow channel should be connected to a natural drain.
2. The garland canal alongwith silttraps, siltation pond and outflow channel should be desilted and cleaned periodically for preventing any obstructions to the flow by periodical removal of the silt deposited in the silt traps.
3. The transportation of mined material should be avoided during peak hours in the forenoon and afternoon.
4. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
5. The green-belt development all along the buffer area should be initiated prior to the commencement of quarry operations with species of both ecological and economic value preferably the once common tree species found in the locality.
6. The mining will lead to a quarry pond of depth 15m which should be safeguarded against any accident.

19. SIA/KL/MIN/172346/2020 , 1826/EC3/2020/SEIAA

Environmental Clearance for the Ordinary Earth of Mr Naushad T M for an area of 0.4553 Ha. in Re Survey No. 441/7-3,441/7-4,441/7-5-2, Block No.22 of Arakkappady Village, KunnathunadTaluk, Ernakulam District, Kerala

Decision: While considering the proposal the Committee found that 124th meeting of SEAC decided to get 9 documents from the proponent which are normally asked for the building stone quarry. The Committee observed that it may be due to oversight. The proposal was presented before the Committee and the Proponent submitted the latest survey sketch sought for. Accordingly, there are many buildings close to the proposed project site. Therefore, the

Committee decided to get a field inspection done and entrusted Dr. K. N. Krishnakumar and Dr. Mahesh Mohan for the same.

20. SIA/KL/MIN/175536/2020, 1846/EC1/2020/SEIAA

Granite Building Stone Quarry Project of Sri. Sukumaran, President of Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Ltd for an extent of 0.9407 Hectares in Re-Sy No: 60/1, 53/1 of Nellaya Village and Re-Sy No. 150/1 of Cherpulassery village of Ottapalam Taluk of Palakkad District, Kerala.

Decision: The Committee observed that the proposal was presented before the Committee earlier. The Committee decided to entrust Dr. K.N. Krishnakumar and Dr. A.V. Raghu for conducting the field inspection and report.

21. SIA/KL/MIN/177823/2020, 1829/EC1/2020/SEIAA

Granite Building Stone Quarry of Shri. Najeed Hassan for an extent of 0.8747 Ha at Re-Sy No. 372/1-2 in Ongallur-II Village, Pattambi Taluk, Palakkad District

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

22. SIA/KL/MIN/185659/2020, 1858/EC1/2020/SEIAA

Expansion of Granite Building Stone Quarry of M/S. Chengalathu Quarry Industries• for an area of 0.9900 ha in Re-Sy.No: 575/1-3-6-2pt & 581/1-5-7pt at Konni Thazham Village, Konni Taluk, Pathanamthitta District, Kerala.

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

23. SIA/KL/MIN/195129/2021, 1893/EC4/2021/SEIAA

Building Stone Mining project (Minor Mineral) of M/s Puthalam Constructions Pvt. Ltd. for an area of 2.0235 hectares.in Block No. 64, Re-Sy Nos. 21/149, 21/124, 21/145, 21/148, 21/147, 21/156, 21/144 (Old Sy. No. 21/1A1), Kolayad Village, Thalassery Taluk, Kannur District, Kerala.

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

24. SIA/KL/MIN/32452/2019, 1481/EC3/2019/SEIAA

Stone Quarry (Minor Mineral) Mining Project of M/s Nattanpara Metals LLP for an area of 3.3910 hectares in Survey No. 1998 (Not final), Kanthalad Village, Thamarassery Taluk, Kozhikode District, Kerala

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC with Project Life of 8 years subject to the following Specific Conditions in addition to the General Conditions:

1. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
3. Compensatory afforestation should be initiated prior to the commencement of mining and it should be done for shortage of green belt in the buffer zone and for the trees removed from the project site with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.
4. The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.
5. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the half-yearly compliance report.
6. A protective wall of appropriate height should be provided for the overburden dumping site.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).

25. SIA/KL/MIN/38606/2019, 1460/EC2/2019/SEIAA

Environment Clearance in respect of the Proposed Granite Building Stone Quarry of Mr. K Chackochan over an extent of 0.7815 Hectares at Re- Sy.Nos. 302/1/5B & 302/226/323 of Vilakudy Village, Pathanapuram Taluk, Kollam District

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC with Project Life of 3 years subject to the following Specific Conditions in addition to the General Conditions:

1. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
3. Compensatory afforestation should be initiated prior to the commencement of mining for the trees removed from the project site with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.
4. The garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area and prior to the commencement of mining to ensure unhindered overland drainage.
5. The drainage along with silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.
6. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).

26. SIA/KL/MIN/40283/2019, 1457/EC3/2019/SEIAA

Environmental Clearance for Proposed Granite Building Stone Mining Project (Area - 0.9995 Ha) in Re-sy No .50/4, 52/2/2, at Ayyampuzha Village, Aluva Taluk, Emakulam District- by Star Rock Products Pvt. Ltd.

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee decided to entrust Dr. K.N. Krishnakumar and Dr. Ajithkumar to examine the additional documents and clarifications submitted by the proponent and facilitate the Committee to take a final decision on the proposal.

27. SIA/KL/MIN/41414/2019, 1563/EC1/2019/SEIAA

Environmental Clearance for the Building Stone Quarry of Mr. Aboobacker, O. over and extent of 1.4061 Ha.in Survey No –176, 177/1 & 131 (P) Pattithara Village, Pattambi Taluk, Palakkad district, Kerala

Decision: The Committee examined the proposal and discussed the report of the field inspection conducted on 19.1.2021. The Committee after verification of the documents decided to recommend EC with Project Life of 6 years subject to the following Specific Conditions in addition to the General Conditions:

1. The maximum depth of mining should be limited to 85m above MSL instead of 75m above MSL as per the mine plan approved. Accordingly the total mineable reserve should be limited.
2. The Proponent should submit a sworn affidavit stating that the mining will not be done beyond the depth of 85m above MSL so that the quarry pond developed at the end of mining will have only a depth of 10m below ground level.
3. The Proponent should submit the safe yield of the bore well proposed to be used for the project and its geocoordinates prior to the commencement of mining.
4. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining.
5. The drainage along with silt traps, collection tanks and outflow channel should be desilted and cleaned periodically and geotagged photograph of the same should be incorporated in the half yearly compliance report.
6. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
8. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the half yearly compliance report.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. The OB dumping site should be provided with protection wall.

28. SIA/KL/MIN/42946/2013, 1473/EC3/2019/SEIAA

Expansion of Existing Building Stone Quarry (Minor Mineral) project of M/s Payyoli Granites Pvt. Ltd. is situated in Re-Survey Nos. 80/1A1, 81/2 of Keezhariyur Village, Re-Survey No. 72 of Thurayur Villages, Quilandy Taluk, Kozhikode District.

Decision: The Committee examined the proposal, discussed the report of the field inspection conducted on 22.11.2020 and verified the documents submitted by the proponent. The mine plan was approved on 6.9.2019 and mining continued in the site up to 21.11.2020. The maximum depth to mining should be limited to 45m above mean sea level considering the depth to groundwater table. Accordingly, the mineable resource get reduced proportionately. The nearest house is at 51m and there are 9 houses within 200m distance from the project site. The Committee decided to recommend EC with Project Life of 10 years subject to the following specific conditions in addition to the general conditions:

1. The The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining.
2. The drainage along with silt traps, collection tanks and outflow channel should be desilted and cleaned periodically and geotagged photograph of the same should be incorporated in the half yearly compliance report.
3. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
5. The proponent has to ensure that all the 11 species listed for the green belting are planted with saplings raised from seeds of a wider collection. As there is fairly larger area in their custody, planting of more diverse trees is proposed.
6. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the half yearly compliance report.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
8. The OB dumping site should be provided with protection wall.
9. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
10. The proposed storm water pond should be developed before the rainy season prior to the commencement of quarrying operation.
11. The blasting should not be done when the crusher is in operation.

29. SIA/KL/MIN/43409/2019, 1480/EC2/2019/SEIAA

Environment Clearance for the Proposed Granite (Building Stone) Quarry of Sri. Madhavan Nair.V, at Re - Sy. No. 41/2-2, 41/2-3, 41/3, 41/4, 41/5-3, 41/5-2, 41/4-2, 41/6, 125/1 in Elamad Village, Kottarakkara Taluk, Kollam District., Kerala for an extent of 0.8770 Ha.

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC with Project Life of 3 years subject to the following Specific Conditions in addition to the General Conditions:

1. The proponent should back fill to reduce height on West side of pillars BP1 and BP 19 and North side of the internal road touching the face connecting pillars BP1 and BP 19.
2. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to facilitate unhindered overland drainage.

3. The drainage along with silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photograph should be incorporated in the half yearly compliance report.
4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
5. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
6. Compensatory afforestation should be done during the first year itself with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with half yearly compliance report.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
8. The OB dumping site should be provided with protection wall.

30. SIA/KL/MIN/44590/2019, 1501/EC3/2019/SEIAA

Environment Clearance for mining permit of "Granite Building Stone Quarry of Sri. Suneesh. M.P' over an extent of 0.9915 Ha.(2.4499 Acres) in Re-Survey No. 57/2B2, Kolavallur Village, Thalassery Taluk, Kannur District.

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC with Project Life of 5 years subject to the following specific conditions in addition to the general conditions:

1. The overburden thickness at the upper boundary of the abandoned quarry is very high. It consists of soft laterite. It should be protected prior to the commencement of mining to prevent any accidents and landslips.
2. The portion of the existing abandoned quarry should be rehabilitated appropriately prior to the commencement of mining.
3. While doing so a portion of the abandoned quarry should be retained as water harvesting structure to be used for meeting the water demand of the operational phase of the quarry including the requirement for environmental management plan.
4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in the subsequent years.
5. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with half yearly compliance report.
6. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining. While providing the garland canal, the potential collapse of the thick overburden should be considered and prevented.

7. The drainage along with silt traps, siltation tank and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
8. The mined material should not be transported during the peak hours in the forenoon and afternoon
9. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

31. SIA/KL/MIN/44736/2019, 1486/EC3/2019/SEIAA

Environment Clearance for mining lease of "Granite Building Stone Quarry of M/s. Ronco Granite Private Limited' over an extent of 3.8316 Ha.(9.4678 Acres) at Sy. Nos.526/4B3, 527/2A2, 527/2A3, 527/5-1-2, 527/5-2-3, 527/5- 3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2 of Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents submitted by the proponent. The Committee decided to recommend EC with Project Life of 9 years subject to the following specific conditions in addition to the general conditions:

1. The mining should not be done beyond the depth of 120m above MSL.
2. The portion off the boundary pillar no. 3 is very steep and therefore an increased buffer zone of 15 m should be provided between BP3 and BP4.
3. The built structure in the adjacent plot which was reported to be owned by the proponent should be removed before mining. An affidavit to this effect should be provided by the proponent.
4. The road to the project area should be widened to permit two-way traffic and photograph of the widened road should be submitted prior to the commencement of mining.
5. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.
6. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
8. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. The OB dumping site should be provided with protection wall.

32. SIA/KL/MIN/45120/2019, 1526/EC2/2019/SEIAA

Environmental Clearance for the proposed granite building stone quarry of Sri. VJ Chacko at Re-survey No. 153/7, over an extent of 0.9996 hectares situated in Wadakkanchery Village, Thalappilly Taluk Thrissur District.

Decision: The Committee examined the proposal verified the documents submitted by the proponent and discussed the field inspection report. The Committee decided to recommend EC with a Project Life of 3 years subject to the following Specific Conditions in addition to the General Conditions:

1. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.
2. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
3. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
4. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
5. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
6. The OB dumping site should be provided with protection wall.

33. SIA/KL/MIN/92227/2019, 1215/EC2/2019/SEIAA

Environmental Clearance for the proposed granite building stone quarry of Sri. Mohammed K.K at Survey No. 459 & 457/13 in Kavanur Village Kavanur Panchayath, Ernad Taluk, Malappuram Dist. Kerala with an area of 2.1315 hectares.

Decision: The Committee examine the proposal submitted on 5.9.2018 and verified the documents submitted in response to the ADS in the meeting 114th, 115th, 117th and 123rd SEAC. The Committee decided the recommend the project for EC with Project Life of 5 Years subjected to the following specific conditions in addition to the general conditions.

1. The Mining should be limited to a maximum depth of 30m above MSL, limiting the depth of mining to 10m below the lowest ground level (40m above MSL).

2. The mineable reserve should be limited to 3,25,000 MT with an annual production plan of 65,000 TPA.
3. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
4. The compensatory afforestation plan proposed should be initiated during the first year itself.
5. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.
6. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
7. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
8. A well should be identified or dug to maintain as an observation well and water table should be monitored on a seasonal basis and incorporated in the half yearly compliance report.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. The OB dumping site should be provided with protection wall.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/170738/2020, 1943/EC2/SEIAA/2022

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Mr. Asokan. K, from an area of 0.2800 Ha in Sy.No. 518/8 of Thamarakkulam Village, Mavelikkara Taluk, Alappuzha District, Kerala.

Decision: The Committee examined the proposal and verified the documents and decided to recommend EC with Project Life of two years from the date of permit issued by the Mining and Geology Department subjected to general conditions.

1. Green belt development in the buffer should be done in the first year of the project itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules

4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

2. SIA/KL/MIN/187777/2020, 1856/EC4/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Smt. Prajeena Parayil for an extent of 0.3764 Ha in Block No. 87, Re-Sy No: 35/1638 in Nuchiyad Village, Iritty Taluk, Kannur District, Kerala

Decision: The Committee examined the proposal and verified the documents and decided to recommend EC with Project Life of two years from the date of permit issued by the Mining and Geology Department subjected to the following specific conditions in addition to general conditions.

1. Green belt development in the buffer should be done in the first year of the project itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

3. SIA/KL/MIN/191025/2021, 1955/EC1/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Noufal Pookath for an extent of 0.1943 Ha in Survey No: 131 in Pattithara Village, Pattambi Taluk, Palakkad District, Kerala.

Decision: The Committee examined the proposal and verified the documents and decided to recommend EC with Project Life of one year from the date of permit issued by the Mining and Geology Department subjected to general conditions.

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained.
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

4. SIA/KL/MIN/196571/2021, 1932/EC3/2022/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Nazar. K. A for an extent of 0.0971 Ha in Re - Sy. No. 39/6 of Kulayattikkara Village, Kanayannoor Taluk of Ernakulam District., Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

5. SIA/KL/MIN/203308/2021, 1915/EC2/SEIAA/2021

Environmental Clearance for the proposed Laterite Building Stone Quarry of Sri. Narayanan for an area of 0.0971 hectares.in Re-Survey No. 11/1A of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

6. SIA/KL/MIN/204096/2021, 1911/EC2/SEIAA/2021

Environmental Clearance for Laterite Building Stone Quarry of Sri. Sudheesh. B, for an area of 0.0971 hectares in Re-Sy No. 45/A98, 207/1H of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years

2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

7. SIA/KL/MIN/204370/2021, 1913/EC2/SEIAA/2021

Environmental Clearance for Laterite Building Stone Quarry of Sri. T. Kunhikannan for an area of 0.0971 hectares in Re-Sy No. 32/331H of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

8. SIA/KL/MIN/205831/2021, 1914/EC2/SEIAA/2021

Environmental Clearance for Laterite Building Stone Quarry of Sri. Achal R M for an area of 0.0971 hectares in Re-Survey No. 123/29pt of Kannur Village, Manjeshwar Taluk, Kasaragod District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.

9. SIA/KL/MIN/207633/2021, 1912/EC2/SEIAA/2021

Environmental Clearance for Laterite Building Stone Quarry of Sri. Divakaran K, for an area of 0.0971 hectares in Re-Survey No. 200/1C of Belur Village, Vellarikkund Taluk, Kasaragod District, Kerala.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

10. SIA/KL/MIN/217111/2021, 1950/EC1/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Saji for an extent of 0.3994 Ha in Block No. 71, Re-Survey No: 163 in Karimpuzha 1 Village, Ottappalam Taluk, Palakkad District, Kerala.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

11. SIA/KL/MIN/220720/2021, 1944/EC1/SEIAA/2022

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Faris Kiliyamannil for an extent of 0.1942 Ha in Survey No: 307/1A in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and decided to entrust Dr. A.V. Raghu and Dr. K. Vasudevan Pillai for field

inspection and report. The Committee also directed the proponent to submit the following additional documents:

- a. Drainage plan connecting to the natural drain.
- b. Upload proper KML File.

12. SIA/KL/MIN/221257/2021, 1945/EC1/SEIAA/2022

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Ramis Abdul Hakeem for an extent of 0.7405 Ha in Survey No: 307/1A in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and decided to entrust Dr. A.V. Raghu and Dr. K. Vasudevan Pillai for field inspection and report.

13. SIA/KL/MIN/223779/2021, 1921/EC4/SEIAA/2021

Environmental Clearance for Laterite building stone quarry project of Mr.Mirshad C.K, over an extent of 0.7115 Ha in Re Sy No 67/1190, 67/1191, 67/1187, 67/1186, 67/801 of Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala

Decision: The Committee verified the documents submitted by the proponent and decided to invite the Proponent for presentation. The proponent should also include the following details during the presentation.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan including the connection to the natural drain.
3. CER proposal.
4. Photograph showing proof of installation of concrete pillars marked with latitude and longitude as permanent boundary markings.
5. Certified Survey Map showing nearest built structure.

14. SIA/KL/MIN/228143/2021, 1980/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Abdul Gafoor Thathrampalli for an extent of 0.1942 Ha in Re-Survey No: 454/2-1 in Ponmala Village, Tirur Taluk, Malappuram District, Kerala

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. The mining should be done after leaving a buffer distance of 15 m between the Panchayath road and the Project site

2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

15. SIA/KL/MIN/228875/2021, 1981/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri Muhammed Ninshaj for an extent of 0.2751 Ha in Block No: 14, Re-Survey No: 38/2 of Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon
5. The depth of mining should be limited to 2m above the groundwater table

16. SIA/KL/MIN/229459/2021, 1948/EC4/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry project of Mr. Subair Chakkingal over an area of 0.668617 Ha in Re-Sy No: 19/514, 19/515 Koodathai - Village, Tamarassery Taluk, Kozhikode District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to entrust Dr. A. N. Manoharan & Dr. C. C. Harilal for field inspection and report.

17. SIA/KL/MIN/229543/2021, 2018/EC3/2022/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Mahesh .K. S, over an extent of 0.0971 Ha in Laterite (Building Stone) quarry at Re. Sy. No 171/4-2 in Keecheri (Amballur Group) Village, Kanayannur Taluk, Ernakulam District.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the

Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon
5. The depth of mining should be limited to 1m above the groundwater table

18. SIA/KL/MIN/229588/2021, 1928/EC4/SEIAA/2021

Environmental Clearance for Laterite Building Stone Quarry Project of Mr. Mirshad. C.K over an area of 0.3875 Ha in Re-survey. No: 35/153 of Puthoor - Village, Tamarassery -Taluk, Kozhikode District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to entrust Dr. A. N. Manoharan & Dr. C. C. Harilal for field inspection and report.

19. SIA/KL/MIN/229643/2021, 1929/EC4/SEIAA/2021

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Mr. Mohammed Kunhi, for an extent of 0.0971 Ha in Resurvey numbers 24/5, 24/6 in Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

20. SIA/KL/MIN/229743/2021, 2016/EC3/2022/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Mathew V. C, over an extent of 0.1942 Ha in Sy. No 228/8-1-13-13 Maneed Village, Muvattupuzha Taluk, Ernakulam District.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon
5. The depth of mining should be limited to 2m above the groundwater table

21. SIA/KL/MIN/229745/2021, 2017/EC3/2022/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Mathew V. C, over an extent of 0.2913 Ha in Sy. No 228/8-1-14-2 Maneed Village, Muvattupuzha Taluk, Ernakulam District.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon
5. The depth of mining should be limited to 2m above the groundwater table

22. SIA/KL/MIN/232409/2021, 1961/EC4/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry Project of Mr. Shaji, over an area of 0.9902 Ha in Re-survey.No: 67/636, 67/639, 67/637, 67/649, 67/748 of Kakkad -Village, Kozhikode -Taluk, Kozhikode- District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation before the Committee. The Proponent should also include the following details in the presentation.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan connecting to the natural drain.
3. CER proposal.

4. Depth to water table in the rearrest well and the geo-tagged photographs of the well
5. Legible survey map showing distance from the nearest built structure.

23. SIA/KL/MIN/234007/2021, 2019/EC3/2022/SEIAA

Environmental Clearance for the Laterite Building Stone Quarry of Sri. Manoj E.S an area of 0.1975 hectares in Re.Survey No.280/4,280/13 of Aikaranad South Village, Kunnathunad Taluk, Ernakulam District, Kerala State for.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation of the proposal before the Committee. The proponent should also present the following details.

1. Consent of the land owner
2. Ten Photographs of the site and the surrounding area from different angles.
3. Drainage plan connecting to the natural drain.
4. CER proposal.
5. Depth to water table in the nearest well along with geo-tagged photographs of the well.
6. Mine Closure Plan

24. SIA/KL/MIN/236170/2021, 1967/EC2/SEIAA/2022

Environmental Clearance for the proposed Ordinary Brick Clay of M/s Kollam District Scheduled Caste Industrial Co-Operative Society Ltd for an extent of 0.0323 Ha in Block No. 2, Re-Survey No: 255/3 of Pattazhy Vadakkekara Village, Pathanapuram Taluk, Kollam District, Kerala

Decision: The Committee verified the documents submitted by the proponent in detail and decided to recommend EC for 6 months from the date of permit from the Mining and Geology Department subject to the following Specific Conditions in addition to the General Conditions:

1. The depth of mining should be limited to 2m above the groundwater table.
2. The mined area should be restored for facilitating agriculture.

25. SIA/KL/MIN/236496/2021, 1978/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Alavi. P. P for an extent of 0.0971 Ha in Re-survey no. 232/2 in Melmuri Village, Tirur Taluk, Malappuram District, Kerala

Decision: The Committee verified the documents submitted by the proponent in detail and found that there is a building seen on the boundary of the proposed site as per the google map uploaded. However, there was no such building shown in the slides presented before the Committee. The Committee decided to seek clarification regarding the same along with a survey

map of the Village Officer showing the distance from the project site to nearest buildings and other built structures.

26. SIA/KL/MIN/237079/2021, 2009/EC2/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry (Minor Mineral) mining project of Radhakrishnan M for an area of 0.0971 hectares in Re-Survey No. 32/PT28 of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

27. SIA/KL/MIN/237277/2021, 2003/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Mohammed Basheer for an extent of 0.1940 Ha in Re-Survey No: 143/6 in Ponmala Village, Tirur Taluk, Malappuram District, Kerala.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon
5. The depth of mining should be limited to 2m above the groundwater table
6. Affidavit stating that a buffer distance as per the existing distance norms will be maintained between the project site and houses and other built structures.

28. SIA/KL/MIN/242420/2021, 1994/EC1/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Muhammed Anees .P, for an extent of 0.1944 Ha in Block No. 74, Re-Survey No: 351/2, 4 in Karimpuzha-2 Village, Ottapalam Taluk, Palakkad District, Kerala

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

29. SIA/KL/MIN/243965/2021, 1954/EC1/2022/SEIAA

Environmental Clearance (EC) for the proposed project of Laterite Building stone quarry of Mr. Bobby. C, over an area of 0.1244 Ha in Survey. No: 272/1 of Pattithara -Village, Pattambi -Taluk, Palakkad- District, Kerala.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rules
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

30. SIA/KL/MIN/244813/2021, 1979/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Raman. P, at Block No. 46, Re-Survey Nos: 83/6 & 84/10 in Panthallur Village, Ernad Taluk, Malappuram District, Kerala for an extent of 0.5093 Ha.

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 2 years from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rules
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

31. SIA/KL/MIN/252261/2022, 2008/EC2/2022/SEIAA

Laterite Building Stone Quarry of Mr. M.K Jiji for an area of 0.0971 Hectares in Survey No.448/1A pt 1496 in Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC for 1 year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.
2. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years
3. Appropriate drainage arrangement from the mine pit should be ensured.
4. The CER should be implemented as per rule
5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

32. SIA/KL/MIN/255794/2022, 2000/EC6/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Manningachalil Ibrahim, over an extent of 0.1942 Ha, in ReSyNo-242/1-3, 242/2 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan connecting to the natural drain.
3. CER proposal.

4. Legible survey map showing distance from the nearest built structure.
5. Clarification with respect to distance between the project site and adjacent PWD road

33. SIA/KL/MIN/261634/2022, 1999/EC6/2022/SEIAA

Environmental Clearance for Laterite building Stone Quarry of Mr. Ayamu, over an extent of 0.3391 Ha, in Re-Sy No-242/1-3 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan connecting to the natural drain.
3. CER proposal.
4. Legible survey map showing distance from the nearest built structure.

34. SIA/KL/MIN/261870/2022, 2005/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry for an extent of 0.1943 Ha in Block No. 14, Re-Survey Nos: 63/1/5-1, 63/3/3-1 of Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. Photograph of the project site with boundary pillars marked with latitude and longitude firmly fixed.
2. 10 photographs of the site and the surrounding area from different angles.
3. Drainage plan connecting to the natural drain.
4. CER proposal.
5. Legible survey map showing distance from the nearest built structure.

35. SIA/KL/MIN/262702/2022, 1996/EC6/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Moideenkutty. P, over an extent of 0.4061 Ha, in ReSyNo-242/1-3,242/2 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. 10 photographs of the site and the surrounding area from different angles.

2. Drainage plan connecting to the natural drain.
3. CER proposal.
4. Legible survey map showing distance from the nearest built structure.
5. Clarification regarding whether the boundary of the plot is shared with the PWD road, if so, consent from the concerned authority as per KMMC Rule, 2015.

36. SIA/KL/MIN/262736/2022, 1997/EC6/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Noushad C. K, for an extent of 0.0972 Ha in Block No. 14, Re-Survey Nos. 64/4, 64/1-2 of Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC with Project Life of One year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rule
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

37. SIA/KL/MIN/265909/2022, 1985/EC1/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr.Ansar.C over an extent of 0.8489 Ha in Survey No. 1/2A, of Pottassery-2 Village of Mannarkkad Taluk, Palakkad-District of Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan connecting to the natural drain.
3. CER proposal.
4. Depth of water table in the nearest well alongwith the geotagged photographs of the well.

38. SIA/KL/MIN/268811/2022, 1998/EC6/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Hussain Babu, over an extent of 0.8058 Ha, Re.SyNo-249/2-4, in Edayur Village, Tirur Taluk, Malappuram District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to invite the proponent for presentation. The presentation should also include the following details.

1. 10 photographs of the site and the surrounding area from different angles.
2. Drainage plan connecting to the natural drain.
3. CER proposal.
4. Depth of water table in the nearest well alongwith the geotagged photographs of the well.

39. SIA/KL/MIN/272377/2022 , 1350/EC2/2019/SEIAA

Environmental Clearance for the proposed building stone quarry (Minor Mineral) mining project of M/s. B & B Granites is situated at Re. Survey Nos. 1472/3(P) of Thekkumkara Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 0.988 hectares. (Physical to Online)

Decision: The Committee observed that the proposal was recommended in the 126th SEAC meeting and hence decided to adhere to decision No. 126.42 taken in its 126th meeting.

40. SIA/KL/MIN/275580/2022 , 1397/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. M.H. Abdul Noushad, at Re Survey Nos. 158/1, 158/2, 158/3, 159 in Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 3.2299 Ha (Physical to Online)

Decision: The Committee observed that the proposal was recommended in the 127th SEAC meeting and hence decided to adhere to decision No. 127.07 taken in its 127th meeting.

41. SIA/KL/MIN/276440/2022 , 1415(A)/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Sri.Binoy Jose, over an extent of 1.6200 Hectares in Sy. Nos. 336/3-3, 336/3-4, 395/1 of Alakode Village, Thodupuzha Taluk, Idukki District.(Older physical file recommended for EC)

Decision: The Committee observed that the proposal was recommended in the 125th SEAC meeting and hence decided to adhere to decision No. 125.18 taken in its 125th meeting.

42. SIA/KL/MIS/76057/2022 , 1449/EC2/2019/SEIAA

Environmental Clearance for the township project of M/s Sobha City at Puzhakkal, Guruvayoor Road, Thrissur District, Kerala (Physical to Online)

Decision: The Committee observed that the proposal was recommended in the 118th SEAC meeting and hence decided to adhere to decision No. 118.5 taken in its 118th meeting.

43. SIA/KL/MIN/262486/2022, 1962/EC1/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr.Manikandan P. V, over an extent of 0.7575 Ha, Survey No-65 in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala.

Decision: The Committee verified the documents submitted by the proponent in detail and decided to entrust Dr. A.V. Raghu & Dr. K. Vasudevan Pillai for field inspection and report.

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/155091/2020, 1816/EC6/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of M/s Amala Granites, (Area – 2.4929 Ha) in Re-survey No. 14/6, 14/7, 14/8, 14/9 and 14/10 at Parlikkad Village, Thalappilly Taluk, Thrissur District, Kerala. (conversion ToR to EC)

Decision: A decision taken on File No. SIA/KL/MIN/38577/2019, 1402/EC2/2019/SEIAA (ToR File) is applicable here as the Project area and proposal are the same. The conversion from ToR to EC is agreed by the Committee.

2. SIA/KL/MIN/175300/2020, 1987/EC3/2022/SEIAA

Building Stone Minor Mineral Mining (Quarry) project of M/s Rockfield Estates Pvt. Ltd. in Block No. 48 in Re-Survey No. 400/1, 400/2, 401/5-2, 406/5 of Chengalam (E) Village, Kottayam Taluk, Kottayam District, Kerala in an area of 0.8736 hectares.

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for presentation. The proponent is also directed to submit the following additional documents during the presentation:

1. Revised Drainage plan.
2. Compensatory afforestation plan.
3. Detailed water level measurement data of nearby open wells with geo coordinates.
4. Clarification with respect to buildings, if any, located within the project site.

3. SIA/KL/MIN/199526/2021, 2022/EC2/2022/SEIAA

Environmental Clearance for the proposed Laterite Building Stone Quarry (Minor Mineral) project of Noushad C M is situated at Re-Survey No. 56/2 of Chithari Village, Hosdurg Taluk, Kasaragod District, Kerala for an area of 0.0971 hectares

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC with Project Life of One year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rule
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

4. SIA/KL/MIN/199564/2021, 1356/EC2/2019/SEIAA

Minor mineral (building stone) mining (quarry) project at Survey No. 425 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala by M/s Grand Stone Metals Pvt. Ltd.

Decision: The proposal was issued Standard ToR in the 98th meeting of the SEAC for conducting EIA study and preparing EMP. The application for EC was submitted vide letter dated 1.3.2021. The Committee verified the documents submitted by the proponent and decided to invite the proponent for presentation.

5. SIA/KL/MIN/266053/2022, 2004/EC2/2022/SEIAA

Environmental Clearance for the proposed granite building stone quarry project is situated at Re. Survey. No.82/2C, 82/2D of Village Panayal, Taluk – Hosdurg, District – Kasaragod, Kerala over an area of 0.4916 Ha (Conversion ToR to EC)

Decision: The Committee examined the proposal, discussed the field inspection report and verified the documents in detail submitted as part of application for ToR vide file SIA/KL/MIN/39501/2019. The Committee decided to recommend EC with a Project Life of 3 years subject to the following specific conditions in addition to the general condition.

1. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.

3. Compensatory afforestation should be initiated prior to the commencement of mining for the trees removed from the project site with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.
4. The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.
5. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the half-yearly compliance report.
6. A protective wall of appropriate height should be provided for the overburden dumping site.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
8. A retaining wall should be provided for the dumping site to a height of about 2 m.

6. SIA/KL/MIN/266595/2022, 2021/EC2/2022/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Ambujakshan N. over an extent of 0.0971 Ha, Survey No32/94 in Kolathur Village, Kasaragod Taluk, Kasargod District, Kerala

Decision: The Committee discussed the proposal and verified the documents submitted by the proponent in detail and decided to recommend EC with Project Life of One year from the date of permit from the Mining and Geology Department subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years
2. Appropriate drainage arrangement from the mine pit should be ensured.
3. The CER should be implemented as per rule
4. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon

7. SIA/KL/MIN/62736/2019, 1436/EC1/2019/SEIAA

Environmental Clearance (Building stone) mining (quarry) project owned by Mr. Sachu Rajan Eapen. at Block 30, Re-Sy. No. 55 of Koodal Village, Kalanjoor Panchayat, Konni Taluk, Pathanamthitta District, Kerala for an area of 8.0140 Ha (Fresh proposal for EC after EIA study)

Decision: The Committee observed that the EC for the proposal was issued from the MoEF & CC and hence decided to direct the proponent to withdraw the application filed in SEIAA.

8. SIA/KL/MIN/63669/2019, 1925/EC3/2021/SEIAA

Environmental Clearance of Existing Granite Building stone Quarry- 4.7134 Ha at S.F.Nos. 301/2, 285/1-2 Mazhuvannur village Block No.29 and S.F.Nos.410/8-2, 410/7-2, 410/5-2 Arackappady Village, Block No. 28, Mazhuvannur Grama Panchayath, Kunnathunad Taluk, Ernakulam District, Kerala.

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for presentation. The proponent is also directed to submit the following additional documents during the presentation:

1. Revised Drainage plan.
2. Compensatory afforestation plan.
3. Detailed water level measurement data of nearby open wells with geo coordinates.
4. CER proposal.
5. Certified Survey Map showing nearest built structure.
6. The details of public hearing grievances and proposal to address them.

9. SIA/KL/MIN/70164/2019, 1393/EC2/2019/SEIAA

Environmental Clearance for quarry project by M/s Sreedhanya Metalsat Survey No. 269/1, 269/1-1, 269/3, 269/4, 269/5, 269/5-1, 269/6, 269/8, 269/8-1, 269/17-1, 269/17-2, 270/6, 270/7-1, 270/8-1, 270/8-2, 270/9, 270/10, 270/11-1, 270/11-2, 272/11, 272/12, 272/13, 272/21, 272/14-1, 273/1-2 of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, and Kerala (Fresh proposal for EC after EIA study)

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

10. SIA/KL/MIN/72951/2022, 1590/EC1/2019/SEIAA

Granite Building Stone Quarry Project of Mr. Eldho Issac over an extent of 4.7023 Ha in Survey. No. 208/1 of Alanallur- III Village, Mannarkkad Taluk, Palakkad District (Fresh proposal for EC after EIA study)

Decision: The Committee verified the documents submitted by the proponent and decided to invite the proponent for a presentation.

Additional Agenda

1. SIA/KL/MIN/271936/2022, 1995/EC4/2022/SEIAA

Environmental Clearance for Granite building stone quarry project of Mr. Sreelath IT is located at resurvey Block No. 7, Re- survey No. 93/27, Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala with an area of 1.7613 Ha

Decision: The Committee verified the documents and found that Non-assignment Certificate is not found submitted. The Committee decided to invite the proponent for a presentation.

2. SIA/KL/MIS/62018/2020, 1588/EC1/2020/SEIAA

Development of Technocity Technology Park at Trivandrum

Decision: The Committee decided to invite the proponent for a presentation.

The meeting ended at 5.30 pm on 10th June 2022.

It is decided to convene the next meeting of SEAC from 4th July 2022 to 6th July, 2022.

**Suneel Pamidi, IFS
Secretary, SEAC**

**Dr.Ajayakumar Varma
Chairman, SEAC**

List of members who attended the SEAC meeting

Sl. No.	Name	08.06.2022	09.06.2022	10.06.2022
1.	Shri. Sheik Hyder Hussain	X	X	X
2.	Dr.A Bijukumar.	X	X	X
3.	Dr. A.N. Manoharan	✓	✓	✓
4.	Shri M. Dileepkumar	X	✓	✓
5.	Smt Beena Govindan	X	X	X
6.	Dr.C.C.Harilal	✓	✓	✓
7.	Dr.K.VasudevanPillai	✓	✓	✓
8.	Dr. Mahesh Mohan	✓	✓	✓
9.	Dr.K.N.Krishnakumar	✓	✓	✓
10.	V.Gopinathan	✓	✓	✓
11.	Dr.A.V.Raghu	✓	✓	✓
12.	Dr.N.Ajithkumar	X	X	X
13.	Shri.Suneel Pamidi IFS (Secretary)	✓	✓	✓
14.	Dr. R. AjayakumarVarma (Chairman)	✓	✓	✓