

MINUTES OF THE 130th MEETING OF THE SEAC KERALA HELD FROM 4TH TO 06TH JULY, 2022 IN CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM

The 130th meeting of the SEAC Kerala was held from 4th to 6th July 2022. The meeting started at 10.00 AM on 4th July 2022. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions;

130.01 Noting of minutes of the 129th SEAC meeting held on 08th – 10th June 2022

Decision: Noted.

130.02 Application for Environmental Clearance for mining of Granite Building Stone Quarry project in Survey No 292/1 A of Vellad Village, Thaliparamba Taluk, Kannur District, Kerala by Mr. Mathew, M/s Alacode Granites. (File No. 1277(A)/EC2/2019/SEIAA)

Decision: Sri. Jaijal K Tom and Jacintha Prasad Panicker on behalf of the proponent with an authorization letter, the Expert, who conducted the study, Dr. Ram Chandar Karra, Associate Professor, NIT, Karnataka and the RQP Sri. Mahesh S attended the hearing. The Committee heard the presentation made by Dr. Ram Chandar Karra and Sri. Mahesh S on the effect of blasting operation on the proposed quarry and surroundings and clarified certain aspects. The Committee decided that it is necessary to evaluate the result of the study presented before the Committee in detail and study the various findings of the report prepared by M/s. NIT, Surthkal. The Committee decided to entrust a Sub Committee consisting of Er. M. Dileepkumar, Dr. Mahesh Mohan and Sri. V. Gopinathan to evaluate the details presented before the Committee, study the report prepared by the NIT, Surathkal and assess the details of the project including the field inspection report, other studies and reports, if any, etc and advise the Committee to arrive at a final decision.

130.03 Environmental Clearance Issued for the Quarry Project in Sy. No. 274, 275/1A3, Thirumittacode Village II, Thirumittacode Panchayath, Pattambi Taluk, Palakkad District, Kerala by M/s Tripthy Granites Pvt Ltd-Judgment dated 17.11.2020 in WP(C) No. 25111/2020. (File No. 826/ SEIAA/EC1/2609/2015)

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee observed that the proponent has produced satisfactory CCR from MoEF & CC, IRO, Bangalore and the Project is eligible for revalidation of EC with a Project life of 8 Years from

the original date of EC (17.08.2016). The Committee found that the compliance with respect to the points raised by SEAC have not been fully complied with even after giving adequate time. Therefore, the Committee decided that the proponent may be directed to comply with the following conditions.

- a. Provide appropriate benches wherever mining is done without providing benches and submit geo-tagged photographs
- b. Wherever mining is done without maintaining 45° slope, such areas should be closed for mining and rehabilitated with immediate effect as per the Mine Closure Plan and submit geo-tagged photographs.
- c. Carryout planting and nurturing of avenue trees using suitable indigenous species and submit geo-tagged photographs
- d. Provide garland drain, silt traps, siltation tanks, and outflow channel covering the entire project area and submit geo-tagged photographs
- e. There is haphazard dumping of overburden in the quarry site and this has to be corrected and geo-tagged photograph should be submitted.
- f. Overburden dump should be protected properly with retaining wall/ gabion structure and submit geo-tagged photographs of the same.
- g. Segregate 7.5m buffer zone from the quarry pit and develop a green belt all over the buffer zone. If hard rock is exposed in the buffer zone that prevents the development of the green belt, develop compensatory afforestation. The geo-tagged photographs of the afforested area from different angles should be submitted.
- h. Provide rainwater harvesting facility and submit its geo-tagged photographs.

130.04 Environmental Clearance For The Proposed Quarry Project in Sy. No. 279/5 at KuthanurI Village, Alathur Taluk, Palakkad District, Kerala by Tomy Joseph, M/s Immanuel Crushers & Mines Pvt.Ltd- Judgment dated 2.11.2020 in WPC 10862/2020 regarding revalidation of EC (File No. 934/SEIAA/EC1/3911/ 2015)

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee observed that the proponent has produced satisfactory CCR from MoEF & CC, IRO, Bangalore. The Committee decided to recommend that the project is eligible for revalidation of EC for 7 years from the date of original EC subject to the following additional specific conditions in addition to the specific and general conditions stipulated in the original EC.

1. Though benches are provided, they are not appropriate at places which should be corrected with immediate effect and geo-tagged photographs should be submitted.
2. 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 and geo-tagged photographs of the same should be submitted.

3. The planting and nurturing of avenue trees using suitable indigenous species should be strengthened and geo-tagged photographs of the same should be submitted.
4. Garland drain, silt traps, siltation tanks and outflow channel should be provided covering the entire project area and geo-tagged photographs of the same should be submitted.
5. There is haphazard dumping of overburden in the quarry site and it should be corrected and geo-tagged photographs of the same should be submitted.
6. Overburden dump should be properly protected with retaining wall/ gabion structure and geo-tagged photographs of the same should be submitted.
7. Segregate 7.5 m buffer zone from the quarry pit and develop a green belt all over the buffer zone. If hard rock is exposed in the buffer zone compensatory afforestation should be developed and geo-tagged photographs of the afforested area should be submitted.

130.05 Environmental Clearance for the Proposed Building Stone Quarry in Re-Survey No. 498/2, 498/3, 499/3, 499/4 in Chalavara Village, Ottapalam Taluk, Palakkad District, Kerala by Mr. Paul.K.T., Managing Director, M/s K.T. Crusher's & Aggregates Pvt. Ltd. (File No. 1260/EC2/2019/SEIAA)

Decision: The 103rd meeting of the SEAC recommended rejection of the proposal and the 98th meeting of the SEIAA decided to reject the proposal for environmental clearance. The 109th meeting of SEIAA decided to give the proponent an opportunity of being heard by the SEAC and suggested that the SEAC may conduct one more field inspection, if needed. The 126th meeting of the SEAC heard the Proponent, examined the proposal and evaluated the reason for the rejection of the proposal. A field inspection was conducted on 18.5.2022 by a Sub Committee entrusted by SEAC. The Committee examined the details of the proposal and field inspection report conducted on 18.05.2022 and decided to concur with the earlier field inspection report conducted on 9.7.2019 and decided to recommend rejection of the proposal based on the following reasons:

- a. The existing road leading to the proposed project site is narrow and does not have the carrying capacity to support the traffic requirements of the proposed project activities. Moreover, the road is very steep at the approach to the project site.
- b. The alignment proposed for a new road is not found feasible due to very steep terrain conditions.
- c. General slope in the project area is very steep and especially at BP1, BP1 to BP3, etc the slope is extremely steep.
- d. The slope condition and thickness of overburden and nature of soil indicate that the area is highly vulnerable to slope failure
- e. The site is on a critical residual hill and the natural hazard potential of the site is very high.

130.06 Environmental Clearance for the Quarry Project in Sy. No. 324/4(P), 324/5(P) & 325/15(P), Pattimattom Village, Kunnathunadu Taluk, Ernakulam, for M/s. Cement Bricks & Allied Industries and 317/2, 317/4 & 324/5(P) Pattimattom Village, Kunnathunadu Taluk, Ernakulam, for M/s. Kizhakkambalam Granites Kerala by Shri. Paul Varghese, M/s. Cement Bricks & Allied Industries / M/s. Kizhakkambalam Granites- Judgment in WP (C) 18778/2020 filed by M/s. Cement Bricks & Allied Industries - Revalidation of EC (File No. 724/SEIAA/KL/6074/2014)

Decision: As directed by the SEIAA, after hearing the proponent, the sub-Committee of SEAC conducted a field verification. The Committee examined the proposal and discussed the field inspection reports conducted on 05.07.2021 & 15.06.22. The proponent on 13.10.2021 via e-mail requested to drop the application. The sub-committee during its field inspection observed that the proponent has not complied with the EC conditions. The Sub-committee also recommended that the site is not feasible for developing into a mining site for extracting building stones. Based on the details, the Committee decided that the proponent is not eligible for revalidation of EC. The Committee also noted that the 112th SEIAA meeting directed the Directorate of Mining & Geology and KSPCB, to inspect the quarry site and take necessary action against the proponent.

130.07 Environmental Clearance for the Quarry Project in Sy.No.3pt & 1/1 of Nediyinga Village, Taliparamba Taluk, Kannur District-Judgment in WP (C) 3317/2021 filed by Sri. Siril Jose- regarding the validity of EC. (File No.615/EC4/2021/SEIAA)

Decision: The Committee examined the proposal and discussed the field inspection report. The proponent has also produced satisfactory CCR from MoEF & CC, IRO, Bangalore. The Committee observed that the project is eligible for revalidation of EC for a project life of 12 years from the date of original EC i.e 27.04.2017 subject to the following additional specific condition in addition to the specific and general conditions in the original EC.

1. The benches provided are inappropriate at places which need immediate correction and geo-tagged photographs of the same should be submitted.
2. Green belt should be developed using indigenous species of trees and maintained periodically and geo-tagged photographs of the same should be attached with HYCR.
3. Garland canal considering the entire project area should be made with intermittent silt traps, siltation pond of adequate capacity and outflow channel and a geotagged photographs should be submitted.
4. Overburden should be stacked properly and retaining wall for protection of overburden dump should be provided and geo-tagged photographs should be submitted.

5. Garland canal, silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be attached with HYCR.

130.08 Environmental Clearance for the Quarry Project in Re.Sy.No.28 at Nediya Village, Taliparamba Taluk, Kannur District- Judgment in WP (C) 3337/2021 filed by Sri.Jilson Joseph- regarding the validity of EC. (File No.617/EC4/2021/SEIAA)

Decision: The Committee examined the proposal and discussed the field inspection report. The proponent has also produced satisfactory CCR from MoEF & CC, IRO, Bangalore. The Committee observed that the project is eligible for revalidation of EC for a project life of 12 years from the date of original EC i.e 19.07.2017 subject to the following additional specific condition in addition to the specific conditions in the original EC.

1. The benches provided are inappropriate at places which need immediate correction and geo-tagged photographs of the same should be submitted.
2. Green belt should be developed using indigenous species of trees and maintained periodically and geo-tagged photographs of the same should be attached with HYCR.
3. Garland canal considering the entire project area should be made with intermittent silt traps, siltation pond of adequate capacity and outflow channel and a geotagged photographs should be submitted.
4. Overburden should be stacked properly and retaining wall for protection of overburden dump should be provided and geo-tagged photographs should be submitted.
5. Garland canal, silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be attached with HYCR.

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

Decision: The Committee examined the proposal and discussed the field inspection report. The proponent has produced satisfactory CCR from MoEF & CC, IRO, Bangalore. The Committee observed that the project is eligible for revalidation of EC for a project life of 13 years from the date of original EC i.e 01.06.2016 subject to the following additional specific condition in addition to the specific conditions in the original EC.:

1. The benches provided are inappropriate at places which need immediate correction and geo-tagged photographs of the same should be submitted.
2. Buffer zone at many stretches is encroached for laying roads. Roads should be shifted from the buffer zone and the entire buffer zone along with the project area should be protected with fencing and geo-tagged photographs of different stretches of the buffer zone should be submitted
3. Green belt should be developed using indigenous species of trees and maintained periodically and geo-tagged photographs of the same should be attached with HYCR.
4. Garland canal considering the entire project area should be made with intermittent silt traps, siltation pond of adequate capacity and outflow channel and a geotagged photographs should be submitted.
5. Overburden should be stacked properly and retaining wall for protection of overburden dump should be provided and geo-tagged photographs should be submitted.
6. Garland canal, silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be attached with HYCR.

130.10 Environmental Clearance issued from DEIAA, Thiruvananthapuram of M/s Travancore Ready Mix Pvt. Ltd in Vellarada Village, Neyyatinkara Taluk, Thiruvananthapuram District, Kerala –Judgment dated 02.11.2020 in WP (c) No. 10803/2020 regarding revalidation of EC. (File No. 700/EC1/2021/SEIAA)

Decision: The 112th meeting of SEIAA directed the PP to attend all the observations made by SEAC and submit all documents as pointed out by SEAC within 4 months so that his proposal can be taken for revalidation of EC period. It was also ordered that the DEIAA Thiruvananthapuram shall hand over all related files to SEIAA for office record and necessary follow up actions. The PP submitted the documents and informed that he had applied for CCR from the Regional Office, MoEF & CC and the same will be submitted, once it is issued by R.O, MoEF&CC. The Committee examined the proposal and all the documents submitted by PP and decided to recommend that the project proponent is eligible for revalidation of EC for a project life of 11 years from the date of original EC i.e 29.03.2017 subject to submission of satisfactory CCR and with the following specific conditions in addition to the specific and general conditions stipulated in the original EC Order.

1. The traffic management plan should be implemented in strict compliance
2. Overburden should be stacked properly and retaining wall for protection of overburden dump should be provided and geo-tagged photographs should be submitted.
3. Blasting should not be done when the crusher unit is in operation.

4. Garland canal, considering the entire project area, should be made with intermittent silt traps, siltation pond of adequate capacity and outflow channel with immediate effect and a geotagged photographs should be submitted.
5. Green belt should be developed using indigenous species of trees that are listed and maintained periodically and geo-tagged photographs of the same should be attached with HYCR.
6. Compensatory afforestation should be commenced with immediate effect to mitigate the impact on floral biodiversity of the area.
7. Geo-coordinates of well with hydro geologic details. Also a map showing contours with well location to be submitted.
8. The benches which are inappropriate at places should be corrected with immediate effect and geo-tagged photographs of the same should be submitted.
9. Garland canal, silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be attached with HYCR.

130.11 Environmental Clearance issued to Shri. George Kochuparambil, for the Building Stone Quarry Project in Re survey Nos. 354/4, 354/5, 355/1pt, , 351/1pt, 328/5, 350, 352/1pt, Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala
(File No: 1137/EC/SEIAA/KL/2017- (Documents for consideration of revalidation)

Decision: The Committee examined the proposal and verified the documents including the CCR from IRO, Bangalore which is satisfactory. The Committee entrusted Dr.Mahesh Mohan & Dr. K.N. Krishnakumar for evaluation of the documents submitted by the PP, field inspection, and report.

130.12 Environmental Clearance for the Proposed Group Housing Project, GREEN VISTAS – “PRAKRITI” at Re-survey No.359/3, of Kakkanad village, Thrikkakara Municipality, Kanayanur Taluk, Ernakulam District, Kerala by Mr.Saurabh Gulechha, Chief Operating Officer, M/s Green Vistas Infrastructure Projects.
(File No. 1189 (A)/EC2/2018/SEIAA)

Decision: The 113th meeting of SEIAA noticed that as per S.O.1030 (E) dated 8.3.2018 of MoEF & CC which deals with such violation cases, there are actions to be taken by the SPCB, SEAC and PP. As per the decision of the Authority, KSPCB was informed for taking speedy action. Also the Project Proponent was directed to take urgent actions with respect to his responsibilities stipulated in the SO referred above. Further, as per the directions contained in the

OM dated 7th, July, 2021 of MOEF & CC, the project Proponent shall also be informed to pay a penalty as indicated under clause 12 of the OM.

The Committee noted the decisions of the Authority. The Committee also noted that there are violations by the proponent and it continued even after field inspection & subsequent decision of SEIAA. As directed by SEIAA, action, as per violation SOP issued vide F. No. 22-21/2020-IA.III dated 7th July 2021, should be taken against the proponent. The PP has to submit a draft ToR as per details contained in the SO referred above and pay the penalty as per the Clause contained in it.

130.13 Complaint against quarrying operations owned by Mr. Ashly John Tharakan, Madaparambil House, South Mazhuvannur P.O., Mazhuvannur Village, Ernakulam, Kerala –Complaint submitted by Shri. K.M. Mathew– Reg.
(File No. 290/EC3/2021/SEIAA)

Decision: The Committee examined the proposal and noted the decision of the 113th meeting of SEIAA to conduct a field inspection after 4 months from 20.04.2022. Accordingly, Committee entrusted Dr. Mahesh Mohan & Dr. K.N Krishnakumar to verify the compliance of the observations made by the Regional office of MOEF&CC, Bangalore, conduct detailed field inspection after 20.8.2022 and submit a comprehensive report for an appropriate decision by the SEAC and report to SEIAA for further action.

130.14 Environmental Clearance issued from DEIAA, Thiruvananthapuram for the granite building stone quarry project in Uzhumalakkal Village, Nedumangad Taluk, Thiruvananthapuram District by Smt. Shaila Nasar, Director, M/s Al-Nassar Granites Pvt.Ltd - Judgment dated 30.11.2020 in WP (C) No. 26372/2020-Revalidation of EC.
(File No. 2793/EC1/2020/SEIAA)

Decision: The 114th meeting of the SEIAA observed that the proponent is continuing quarrying with EC dated 04.04.2017 without getting the mandatory Wildlife Clearance from the NBWL. In this connection Authority decided to seek an urgent clarification from SEAC for recommending revalidation of EC after a thorough scrutiny of all relevant documents”. The Committee examined the matter and decided to appraise that EC to the project was issued by DEIAA, Thiruvananthapuram as per Proceedings No. 03/2017 dated 04.04.2017 for 5 years. As per the WP(C) No. 26372/2020, dated 30.11.2020, the Hon’ble High Court directed the SEIAA to call for additional recommendations from the appraisal committee after estimating the life of the projects of the petitioner in respect of which ECs have been issued. Accordingly, the SEAC estimated the life of project as sought by the SEIAA. While doing so, and examining the file, the

SEAC found that the project was operating without NBWL Clearance. Hence, the SEAC fulfilled its duty of estimating the project life as 8 years from the date of issuance of original EC and provided an advisory that the revalidation should be subject to the production of Wildlife Clearance from NBWL. The SEAC could find out the shortcoming only because it did a detailed scrutiny of the documents. This clarification is submitted to the SEIAA.

130.15 Judgment dated 09-08-2021 WP (C) No. 16000 of 2021 (U) - regarding the validity of EC- (Environment Clearance for Mining of Building stone in survey number of 294/1pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakkode Village, Thodupuzha Taluk, Idukki - Environmental Clearance letter No. 01/2016/DEIAA/KER dated 20-04-2017 - Revalidation of EC (File No. 2577/EC3/2021/SEIAA)

Decision: The 114th meeting of the SEIAA, after having conducted detailed deliberations on the S.O. No. 1807 (E) dated 12-4-2022 and the interim directions on Writ Petition No. 14264 of 2022 filed by Shri. Shiju Thomas, decided that the SEAC shall conduct a field inspection to assess the compliance of EC conditions and take a decision for revalidation by considering the merit of the documents submitted and status of compliance of EC conditions. The Authority noted that as per the O. M. dated 12.4.2022 issued by MoEE & CC, EC granted for mining projects shall be valid for the Project life as laid down in the mining plan approved and reviewed by competent Authority from time to time subject to maximum of thirty years, whichever is earlier. The Authority also noted that in the approved mining plan there is no mention of Project life and the Project Life has to be estimated by SEAC as per the direction of Hon'ble High Court in Judgment in WP (C) 17533 of 2020. Under the circumstances till further orders, in the best interest of sustainable management of mining operation in Ecologically very sensitive state like Kerala, it is decided to continue with the present practice of estimating Project Life by SEAC and issue EC both for new as well as revalidation cases, for an initial period of 5 years and to extend the same for the Project Life after a review of compliance of EC conditions at the end of every 5 years. Accordingly, the Committee examined the proposal and verified the documents submitted by the proponent. The PP is yet to submit the CCR from the IRO, Bangalore. The Committee decided to entrust Dr.Mahesh Mohan and Dr.K.N.Krishnakumar for evaluation of the documents, field inspection and report.

130.16 Environmental clearance issued for the proposed Quarry Project in Sy. Nos. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/124, 571/1A/54-1, 571/1A/54-2 at Konni Thazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District by Sri. Jacob Thomas, M/s Plakkattu Granites Industries Pvt. Ltd-Judgment dated 02.09.2020 in WP(C) No. 11053/2020 (File No.870/SEIAA/EC4/3101/2015)

Decision: As per the decision of 120th meeting of SEAC, a field inspection of the project site was conducted on 30-06-2021 and subsequently, the SEAC recommended to the SEIAA to direct the proponent to comply with the certain conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with project life of twenty years from the date of issuance of the first EC order subject to review every five years. The 112th meeting of SEIAA decided that the Project Proponent shall attend all the observations made by SEAC within 6 months and submit a compliance report to SEAC and after getting the compliance report, SEAC shall conduct a field inspection to confirm the compliance of observations made. The proponent complied with the directions of the Authority based on which a field inspection was conducted on 29.6.2022. The Committee examined the proposal and discussed the field inspection report. & observed that the EC is eligible for revalidation for a project life of 14 years from the date of the original EC i.e 30.09.2016 subject to the following additional specific condition in addition to the specific conditions in the original EC.

1. Depth of mining should not go beyond general ground level (70MSL) at the site
2. Garland drain, silt traps, siltation tanks and outflow channel should be desilted and cleaned periodically and geo-tagged photographs of the same should be included in the HYCR.
3. Photographs showing plantation growth should be submitted along with the compliance reports.
4. The proponent should ensure that no remnants of quarry waste are reaching the seasonal stream originating from the project site and joining other streams during monsoon. Geotagged photographs taken during monsoon times from the point where the stream joins the seasonal stream near the PWD road should be given along with the compliance reports

The SEIAA may consider the recommendation above subject to the following:

- As per the Cluster Certificate from Mining & Geology Department, there is a cluster condition, which is not taken into consideration since it is a revalidation proposal.
- The proponent has not obtained CCR from MoEF & CC, IRO, Bangalore.

130.17 Environmental Clearance issued by DEIAA, Malappuram for the quarry project in Sy.No.12/1pt, 12/1/1pt, 12/1/2pt, 12/1/3pt, 13/1/1pt & 16/1pt in Perakamanna Village, Ernad Taluk, Malappuram District by Sri. K.V. Moideenkoya, M/s. New Pannippara Bricks & Metals – Judgment dated 22.06.2021 in WP(C) No.12509 of 2021 - Revalidation of EC (File No.1670/EC6/2021/SEIAA)

Decision: The PP was invited for presentation in the 126th meeting of SEAC but was absent. Hence it is considered again. As invited, the proponent Sri. M.V. Muhammedkoya and RQP Sri.

Mahesh. S were present. The RQP made the presentation. The committee heard the presentation and decided to entrust Sri. V. Gopinathan and Dr. A.V. Raghu to conduct a detailed study on the proposal and submit a report. If necessary, the team shall conduct a field inspection.

130.18 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: As invited, the representative of the proponent Sri. Muhammed Yaseen with authorization letter of the proponent and Sri. Nazar Ahammed, RQP were present. The RQP made the presentation. The Committee decided to entrust Dr. R. Ajayakumar Varma, Sri.V. Gopinathan, Dr. C.C. Harilal and Dr. Vasudevan Pillai to conduct evaluation of the project documents and field inspection and submit a detailed report.

130.19 Environmental Clearance for the Building Stone Quarry Project in Sy. No. 3, 21/1, 21/2, 22, 23, 24 of Kannamangalam Village, Kannamangalam Panchayat, Thirurangadi Taluk, Malappuram District, Kerala by Sri. C.K. Abdul Azeez, Managing Director, M/s Grand Stone Metals Pvt. Ltd. – Judgment in WP(C) No. 26432 of 2020 - Revalidation of EC (File No.906/SEIAA/EC1/ 3538/2015)

Decision: As per the decision of the 120th meeting of SEAC, a filed inspection was conducted on 16.8.2021. The 124th meeting of SEAC decided to recommend to the SEIAA to direct the proponent to comply with certain conditions within six months and on satisfactory submission of the compliance report, the proponent will be eligible for revalidation of EC order with project life of 22 years from the date of issuance of the first EC order subject to review every five years. The 112th meeting of SEIAA decided that the proponent shall attend all the observations made by SEAC within 6 months and submit a compliance report to SEAC. The proponent has submitted the documents requested, except the CCR from IRO, Bangalore. The Committee verified the proposal and discussed the Field inspection report and decided to conduct reverification of the compliance in the project site and entrusted Sri.V. Gopinathan and Dr.C.C.Harilal to verify the compliance conditions and status of CCR from IRO, Bangalore.

130.20 Environmental Clearance for the quarry project in Sy. No. 428(P) at Edayoor Village, Tirur Taluk, Malappuram District owned by Sri. U. Abdul Kareem, M/s. U. K. Granites– Judgment dated 23.11.2020 in WP(C) No.25702 of 2020 (File No.727/SEIAA/EC1/6106/2014)

Decision: The Committee examined the proposal, and it is found that the additional documents sought on 03.03.2021 and 17.05.2022 regarding the revised scheme of mining is yet to be submitted. In addition, the committee also decided to direct the proponent to submit a report on the extracted and remaining mineable reserve certified by the Mining & Geology Department & CCR from IRO, Bangalore.

130.21 Environmental Clearance for the quarry project in Sy. Nos. 34/2 Pt., 30/2/2 Pt., 20/7 Pt., 30/2/3 and 20/1 Pt. at Oorakam Village and Panchayath, Tirurangadi Taluk, Malappuram District, Kerala by Sri.K.Mohammed Akbar, M/s. Ooragam Metals Ltd. – Judgment dated 01.02.2021 in WP(C) No.2512 of 2021 - Revalidation of EC – (File No.120/SEIAA/KL/2186/2015)

Decision: The 124th meeting of SEAC decided to recommend revalidation of EC with Project life of seventeen years from the date of issuance of the first EC order subject to review every five years. The 112th meeting of SEIAA noticed a complaint alleging certain irregularities in the appraisal and recommendation of SEAC for revalidation of EC. Authority decided to forward the complaint to the SEAC with a direction to conduct a field inspection along with District Geologist and a member from local Panchayat with sufficient notice to Local Panchayat president, Project Proponent, District Geologist and Complainant. In response, SEAC submitted to the SEIAA that since the Complaint is regarding the alleged irregularities in the appraisal and recommendation of the SEAC for revalidation of EC based on the field inspection report prepared by two of the members of the previous SEAC, it is desirable that a larger Sub Committee of the SEAC conduct reassessment based on which SEAC can reconsider its decision taken earlier and submit it to the SEIAA for complaint redressal based on the fact that the direction of the Hon'ble Court is to assess the Project Life by SEAC based on relevant aspects and field conditions. The 114th meeting of SEIAA agreed to the suggestion of SEAC to inspect site by larger subcommittee of SEAC and also stated that "As suggested by SEIAA already, SEAC may include the other members in the inspection team and inspection shall be held with notice to all concerned sufficiently in advance".

The Committee considered the minutes of the 114th meeting of SEIAA and decided to constitute a larger Sub Committee of SEAC consisting of Dr. R. Ajayakumar Varma, Sri. V. Gopinathan, Dr. C.C. Harilal and Dr. K. Vasudevan Pillai for conducting the field inspection and report after giving notice to all concerned parties. The Committee also decided to request SEIAA to reconsider its position to include other members in the inspection team based on the facts already stated by the SEAC.

PARIVESH

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/126527/2019 , 1819/EC6/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry project for an extent of 0.5265 Ha in Re-survey no. 198/5, in Pulikkal Village, Kondotty Taluk, Malappuram District, Kerala by Sri. P. Abbas

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and found them satisfactory. The Committee discussed the field inspection report and decided to recommend the issuance of EC with Project Life of 5 Years subject to the following specific conditions:

1. 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
2. The garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area prior to the commencement of mining.
3. The garland drain 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.
4. Compensatory afforestation should be done with indigenous fruit trees and the geo-tagged photographs of the afforested place should be submitted along with HYCR. The activity should be commenced before the start of quarrying operations.
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. 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/127122/2019 , 1562/EC1/2019/SEIAA

Proposed granite quarry of Mr. Mathew Daniel for an extent of 2.23.92 Ha In S.Y.No: 340/1/99-1, 340/1/99-2, 340/1/102/2-1, 340/1/100/3, 340/1/100-4, 340/1/100-1,340/1/100-2, 340/1/102-2, 340/1/103-1 At Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee noticed the presence of vehicles and machinaries in the quarry as per the

google imagery of March 2022, which is reported as a non-working quarry.. The Committee decided to seek clarification on the mining activity from the PP, if any, commenced.

3. SIA/KL/MIN/129012/2019, 1302/EC2/2019/SEIAA

Environmental Clearance for the Proposed Building Stone Quarry Project in Re Survey No: 420/7(420/7-1),421/7,422/1/1, (422/1-7,422/1-9,422/1-10, 422/1-11,422/1-12) & 298/2 in Kuzhimanna & Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala by Mr.Sajeer Babu

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 issuance of EC. The life of mine as per the approved mining plan is 12 years. The Committee decided to recommend issuance of EC for a period of 12 years with the following specific conditions in addition to the General conditions.

1. The EC issued will be subject to a review by SEAC after 5 years through filed verification to ensure that mining is carried out sustainably as per the EC conditions.
2. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
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 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 and cleaned periodically and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
6. The overburden dump should be shifted to the lower elevation portion of the project area and it should be protected with proper gabion wall to avoid soil erosion. A geo-tagged photographs of the overburden dump should be submitted along with the HYCR
7. 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.
8. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
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).

4. SIA/KL/MIN/131090/2019, 1571/EC2/2019/SEIAA

Granite Building Stone Quarry of Mr. Sudheesh A T for an area of 1.5875 Ha in Re Survey No: 151/1, 151/7 of Kaniyambatta Village, Vythiri Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee decided to invite the proponent for presentation and suggested the following to the PP.

1. The approach road should be widened to a width of at least 7 m.
2. Compensatory afforestation should be done by planting indigenous species of trees in available land owned by the proponent. This is also to compensate for the green belt on the buffer zone that fall in the existing quarry pit for a length of above 100m.
3. An affidavit should be submitted indicating the land with geocoordinates where compensatory afforestation is proposed.
4. A survey map certified by the village officer showing all structures within 200 m radius of the project site should be submitted.
5. The boundary pillars should be changed with concrete pillars marked with geo coordinates and submit photographs of the same as proof.
6. A new overburden dump site should be selected in the open land available at a lower elevation, for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine and provide gabion walls for the proposed OB dump.
7. An additional settling pond should be constructed at the lower part of the land owned by the applicant for ensuring discharge of clear water.
8. Distance to the nearest wildlife sanctuary obtained from the DFO/WLW

5. SIA/KL/MIN/133062/2019, 1576/EC2/2019/SEIAA

Granite Building Stone Quarry of M/s Valad Granites for an area of 2.9249 Ha in Survey No. 253/62, 253/356, 253/349 of Valad Village, Manathavadi Taluk, Wayanad District, and Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee decided to invite the proponent for a presentation. The Committee also suggested the following to the PP.

1. A certified survey map from the Village Officer showing built structures including houses within 200 m.
2. The approach road should be widened to a width of at least 7 m.
3. A compensatory afforestation with indigenous species of trees should be developed in the land owned by the proponent.
4. An affidavit should be submitted indicating the land with geocoordinates where compensatory afforestation is proposed.

5. The boundary pillars should be changed with concrete pillars marked with geo coordinates and submit photographs as proof.
6. A new overburden dump site should be selected in the open land available at a lower elevation, for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine and provide gabion walls for the proposed OB dump. A geo-tagged photographs of the site should be submitted.
7. An additional settling pond should be constructed at the lower part of the land owned by the applicant for ensuring discharge of clear water.
8. Distance to the nearest wildlife sanctuary obtained from the DFO/WLW

6. SIA/KL/MIN/133893/2019, 1788/E2/2020/SEIAA

Granite Building Stone Quarry of M/s. Pulpally Stone Crushers' over an extent of 0.7905 Ha. (1.9533 Acres) at Re-Sy. Nos. 399/1, 399/15 & 399/18, Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala State (FIR Received)

Decision: The Committee examined the the proposal and discussed the field inspection report. It is found that a residential building occupied by the proponent is situated at a distance of 31m which is certified as Site Office by the Village Officer. There are also other buildings within 50m. As per the decision of SEIAA, and as per the existing norms, EC cannot be issued if a built structure is within 50 m from the project site. Therefore the Committee decided to recommend rejection of the proposal.

7. SIA/KL/MIN/134486/2020, 1790/EC4/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Shri. Shamseer V.K, for an area of 0.9926 Ha in Re Survey No. 2/18, 2/20, 2/46, 2/76, 2/77, 2/78 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala.

Decision: The Committee examined the proposal and decided to entrust Dr. A.V. Manoharan and Dr. C.C. Harilal for field inspection and report.

8. SIA/KL/MIN/136876/2020, 1687/EC3/2020/SEIAA

Granite Building Stone Quarry of Shri. Shine Mathew over an extent of 1.0336 Ha. (2.5540 Acres) in Block No. 13, Re-Sy. No. 541/2, Purappuzha Village, Thodupuzha Taluk, Idukki District, Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The life of mine as per the approved mining plan is 6 years. The Committee decided to recommend EC to the project with a validity of 6 years with the following specific conditions in addition to the General conditions.

1. The top soil and OB dump site should be relocated to the downward side of the boundary between BP1 and BP2. Gabion wall should be constructed around the OB dump site. Geo-tagged photographs of the site should be submitted prior to commencement of mining.
2. Topsoil should be kept separately from the overburden and should be used for green belt development
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 garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area prior to the commencement of mining.
5. The garland drain 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.
6. Compensatory afforestation should be done with indigenous fruit trees and the geo-tagged photographs of the afforested place should be submitted along with HYCR. The activity should be commenced before the start of quarrying operations.
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. 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. SIA/KL/MIN/140590/2020 , 1791/EC2/2020/SEIAA

Granite Building Stone Quarry of Sri. Joby John over an extent of 0.7300 Ha. in Re-Sy. Nos. 382/1 & 382/5, Padichira Village, Sulthanbathery Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The Committee observed that the proposed project is located at 3.20 km from Wayanad Wildlife Sanctuary. The Committee also noted that there is a residential building owned and occupied by the proponent situated at a distance of about 31 m from the proposed quarrying area which is not shown in the map certified by the Village Officer. In the circumstance, the Committee decided to recommend rejection of the proposal.

10. SIA/KL/MIN/144152/2020, 1392/EC2/2019/SEIAA

Application for Environmental Clearance for the expansion of existing Building Stone Mine (quarry) project for an area of 8.7668 hectares in Re-Survey Nos. 283, 282/3-1, 282/3- 3pt. of Mazhuvannoor Village & Re Survey Nos. 284/1-2, 284/1-3, 284/2-2Pt., 284/2-3pt., 285/4, 283/2-5-2, 283/2-3-2, 282/1-3-1-2 in Block No. 28 of

Arackappady Village, Kunnathunad Taluk, Ernakulam district, Kerala by Sri. Eldho Kuruvilla, Managing Partner, M/s Cochin Granites Pulickal Associates

Decision: The Committee examined the proposal, discussed the field inspection report and evaluated the additional documents submitted by the proponent including the latest Mining Plan on 09.03.2022. The proponent revised the Mining Plan as per the observation made by the SEAC and accordingly the revised estimate of mineable reserve is 23,14,378 MT and the revised Life of Mine is 10 years. The Committee decided to recommend EC with a validity of 10 years subject to review by SEAC after 5 years through filed verification to ensure that mining is carried out sustainably as per the EC conditions. The following specific conditions are stipulated in addition to general conditions.

1. 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
2. The garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area prior to the commencement of mining.
3. The garland drain 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.
4. 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.
5. Compensatory afforestation should be done with indigenous fruit trees and the geo-tagged photographs of the afforested place should be submitted along with HYCR. The activity should be commenced before the start of quarrying operations. The PP committed planting of native trees @ 1:5 for every tree cut from the project area.
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. 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. All the mitigation plans suggested in the Environmental Management Plan derived based on the EIA should be implemented and the compliance reported in HYCR.
9. All the concerns expressed during the Public Consultation process should be addressed without fail.

11. SIA/KL/MIN/145479/2020, 1407/EC1/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Shri. Santhosh Kumar. E, in Re Survey. No.130 (Block No.43) in Vayakkara Village, Payannur Taluk, Kannur District, Kerala with area of 0.4825 Ha.

Decision: The Committee examined the proposal which was presented in the 117th meeting the SEAC. The ADS were submitted on 14.6.2022 which were examined and found satisfactory by the Committee. The project area is an old quarry pit and surrounding areas (0.4825 Ha) without any environmental safeguard at present. The Life of Mine as per the approved mine plan is 5 yr with a production rate of 16,770 TPA. The Committee examined the proposal and decided to recommend EC for a period of 4 years subject to the following specific conditions in addition to the general conditions.

1. The maximum depth of mining should be limited at 75m AMSL and therefore, mining should not be resorted to in the 5th year as proposed in the approved mine plan.
2. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
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 garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area prior to the commencement of mining.
5. The garland canal 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.
6. Compensatory afforestation should be done with indigenous fruit trees and the geo-tagged photographs of the afforested place should be submitted along with HYCR.
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. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

12. SIA/KL/MIN/148500/2020, 1711/EC6/2020/SEIAA

Laterite Building stone Quarry Project of Sri. Ahammed Nasar. M for an extent of 0.1940 Ha in Re-survey No. 27, 29/1 of Athavanad Village, Tirur Taluk, Malappuram District, Kerala

Decision: The project was presented in the 122nd meeting of the SEAC and the ADS were submitted. The Committee examined the proposal and appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha and decided to recommend EC for a period of One year with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site

3. The excavation activity should be restricted to 2m above the ground water table at the site
4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented 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
16. 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).

13. SIA/KL/MIN/149660/2020, 1682/EC1/2020/SEIAA

Environmental Clearance for the proposed Granite/ Building Stone Quarry in Sy. Nos. 137/4-11, 137/4-11-1, 137/422, 137/4-21 in Thachanattukara-1 village, Mannarkad Taluk by Sri.Mujeeb. P. K

Decision: The project was presented in the 122nd meeting of the SEAC and all the ADS were submitted. The Committee examined the proposal and verified the documents. While considering the project, Dr.R. Ajayakumar Varma and Sri. S. Sheik Hyder Hussain reported that they have conducted field inspection of the project site on 23.06.2022 as per the request of the PP who happened to meet the SEAC team while they were conducting the field inspection of a project (No. 150672/2020 or 1680/EC1/2020) in a nearby plot in the same village and requested the Committee to ratify their act. The Committee ratified the matter and directed the team to submit the field inspection report at the earliest.

14. SIA/KL/MIN/150744/2020 , 1824/EC3/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Mr. Saju George in survey no: 590/11 (1,2,3,4), 590/18(1,2,3,4), 590/12(2,3), Vengoor West Village, Kunnathunadu Taluk, Ernakulam, Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee decided to direct the proponent to submit revised EMP incorporating modified CER with detailed physical targets as per the relevant Office Memorandum. The Committee also decided that the following specific conditions are required to be incorporated if and when the EC is issued.

1. The buffer zone at the north side should be filled with overburden and green belt developed
2. Topsoil dump site should be located at the north-west side and it should be protected with a gabion wall
3. The garland drain should be constructed with silt traps at 20m intervals and two settling ponds and overflow drainage channel.

15. SIA/KL/MIN/151402/2020, 1732/EC3/2020/SEIAA

Environment Clearance for the Granite Building Stone Quarry over an extent of 1.5608 Ha in Sy.No: 219/1,219/2,219/3, Manimala Village, Kanjirappally Taluk, Kottayam District, Kerala State by Mr. Suraj Thomas, Managing Partner, M/s. Seven Stars Granites

Decision: The Committee examined the proposal and decided to entrust Dr. K.N. Krinakumar and Dr. Mahesh Mohan for evaluation of documents, field inspection and report.

16. SIA/KL/MIN/153262/2020, 1825/EC3/2020/SEIAA

Granite Building Stone Quarry of Shri. Stephen Joseph, Managing Director, M/s. Crystal Aggregates Pvt Ltd, for an area of 0.9108 Ha in Survey No: 508/3/2,510/3B/2, In Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee decided to direct the PP to comply with the following.

1. All the temporary and built structures within the distance of 50 m from the project boundary should be removed.
2. An appropriate gabion wall should be constructed for protection of OB dumping site
3. Garland drain, silta traps, siltation ponds and overflow channel should be provided to ensure the discharge of overland flow to the natural stream
4. The haulage road should be widened with a width of atleast 7.5m.

5. A plan for compensatory afforestation should be submitted alongwith geo-tagged photographs of the location where it is going to be developed.
6. A revised EMP incorporating modified CER with detailed physical target should be prepared as per rules and submitted

17. SIA/KL/MIN/156447/2020, 1731/EC3/2020/SEIAA

Environmental Clearance for the Building Stone Quarry for an Area of 0.9133 Ha in Survey No.338/1A/20/D&D2 of Keerampara Village, Kothamangalam Taluk, Ernakulam District, Kerala by Sri. Shymon Anto

Decision: The Committee examined the proposal and discussed the field inspection report. The Committee noted that a crusher is located adjacent to the boundary of the proposed site, i.e, within 1m from the quarry site. Since there are built structures within 50 m of the proposed project area, the Committee decided to recommend rejection of the proposal.

18. SIA/KL/MIN/161938/2020, 1727/EC2/2020/SEIAA

Granite Building Stone Quarry of Mr. Sudheesh A T for an area of 1.8407 Ha in Re Survey No: 129/20,129/19,134/6,134/7 of Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal and discussed the field inspection report. The nearest house is at 101.5m, depth to water table is at 710m above MSL and Life of Mine is 10 years. The PP has submitted proof of application for wildlife clearance. After detailed discussions, the Committee decided to recommended EC for the project with validity of 10 years with the following specific conditions in addition to the General conditions.

1. The EC may be issued after obtaining wildlife clearance from the NBWL.
2. The boundary pillars, should be changed with concrete pillars marked with geo coordinates and fixed using concrete and geotagged photographs of each pillar should be submitted prior to the commencement of mining.
3. The temporary shed located at the north-east corner of the project site should be demolished and geo-tagged photograph of the same should be submitted prior to the issuance of EC.
4. The haulage road should be widened to at least 7m width prior to commencement of mining and geo-tagged photograph of the same should be submitted prior to the issuance of EC.
5. The EC issued will be subject to review by SEAC after 5 years through filed verification to ensure that mining is carried out sustainably as per the EC conditions.
6. 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.

7. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
8. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
9. Garland drain, covering the entire project area, silt traps, siltation ponds and outflow channel should be provided prior to the commencement of mining.
10. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geo-tagged photographs of the same should be submitted alongwith HYCR.
11. The maximum depth of mining should not exceed 715 above MSL.
12. The quarry pit should be developed as a water harvesting pond as per the mine closure plan.
13. The OB dump should be located at the lower portion of the project site and away from drainage lines and protected with gabion walls.
14. An additional settling pond at the lower part of the own land of the applicant should be provided for ensuring the discharge of clear water to the nearby low land/ paddy field.
15. 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.
16. 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).

19. SIA/KL/MIN/164464/2020 , 1784/EC3/2020/SEIAA

Environmental Clearance for the Building Stone Quarry for an Area of 0.8990 Ha in Survey No.892/15 of Arakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala by Mr Jobin C Raju

Decision: The Committee examined the proposal and discussed the field inspection report. The Life of Mine as per the approved Mine Plan is about 5 years. The lowest elevation of the area is 78m and depth to water table is 13m bgl. The nearest house is located at 151.7m. After detailed discussions, the Committee decided to recommend EC for a period of 4 years subject to the following specific conditions in addition to the general conditions:

1. The maximum mining depth should not exceed 165m above MSL.
2. Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
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. Avenue trees should be planted and nurtured all along the sides of the haulage road
5. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
6. Garland drain, covering the entire project area, silt traps, siltation ponds and outflow channel should be provided prior to the commencement of mining.
7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geo-tagged photographs of the same should be submitted alongwith HYCR.
8. The OB dump should be located at the lower portion of the project site and away from drainage lines and protected with gabion walls.
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.
10. 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).

20. SIA/KL/MIN/273506/2022, 310/SEIAA/KL/1693/2014

Application for Environmental Clearance in Survey No. : 197/2(p), 198/8(p), 198/9(p) 198/2(p), 198/10(p) & 205/2(p) Koppam Village, Pattambi Taluk, Palakkad District, Kerala (Judgment dated 26.08.2021 in WP (C) No.14476/2021 filed by M/s Marath Enterprises and crushers Pvt. Ltd)

Decision: The Committee examined the proposal and noticed that the proponent obtained EC from DEIAA on 11.06.2017 with validity up to 2022. The Committee also noticed the direction of Hon'ble High Court. The Committee decided to invite the proponent for presentation of the project and associated details.

21. SIA/KL/MIN/43206/2019, 1489/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry over an extent of 0.2448 Ha in Sy. Nos. 7/1 part & 7/20part Veliyam Village, Kottarakara Taluk, Kollam District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and decided to entrust Dr. R. Ajayakumar Varma & Smt. Beena Govindan for evaluation of the project, field inspection and report.

22. SIA/KL/MIN/43903/2019, 1548/EC2/2019/SEIAA

Granite Building Stone Quarry over an extent of 0.9037 Ha in Re-Survey No.-214/1-1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.-214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The proposal includes government land with NOC. The same proponent has another application for EC in file no. 1547/EC2/2019 in adjacent plot. The project is proposed with part of the project area falling in an abandoned quarry having vertical phase of dangerous dimension. This proposal, if implemented, will reduce the danger. The Life Of Mine proposed is 2 years and distance to the nearest built structure, i.e. a shed, is 54.5m. Considering these, the Committee decided to recommend EC for a period of two years subject to the following specific conditions in addition to the general conditions:

1. The validity of NOC may be scrutinized prior to the issuance of EC.
2. The maximum depth of mine should be limited at 88m above MSL. The elevation difference of the site is 88m to 124m above MSL.
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 subsequently.
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 photograph should be incorporated in the Half Yearly Compliance Report.
6. The overburden dump should be protected with retention wall to avoid soil erosion
7. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR
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. Measures incorporated in the CER should be implemented in total during the first year and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
10. 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).

The proposed quarry is sharing its boundary (BP2 to BP3) with M/s.VK Rocks. As per local enquiry, the VK Rocks is working since 5/11/2018. It is observed that the quarry is working in a haphazard manner, without benches and without developing any green belt. The overburden and top soil are kept in a slopy area without constructing a retaining wall. This

may be brought to the notice of District Geologist, Kollam and the District Office of KSPCB for further necessary action.

23. SIA/KL/MIN/43937/2019 , 1547/EC2/2019/SEIAA

Granite Building Stone Quarry over an extent of 0.5456 Ha in Re-Survey No.- 217/17pt (Patta land) & Re-Survey No.-214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The proposal includes government land with NOC. The same proponent has another application for EC in file no. 1548/EC2/2019 in adjacent plot. The project is proposed with part of the project area falling in an abandoned quarry having vertical phase of dangerous dimension. This proposal, if implemented, will reduce the danger. The Life Of Mine proposed is 2 years. There are no built structures observed or reported within the regulation distance. Considering these, the Committee decided to recommend EC for a period of two years subject to the following specific conditions in addition to the general conditions:

1. The validity of NOC may be scrutinized prior to the issuance of EC.
2. The total depth of mine should not exceed 25m below the highest elevation of the site i.e. 116m above MSL.
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 subsequently.
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 photograph should be incorporated in the Half Yearly Compliance Report.
6. The overburden dump should be protected with retention wall to avoid soil erosion
7. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR
8. Measures incorporated in the CER should be implemented in total during the first year 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).

24. SIA/KL/MIN/50013/2019 , 1318/EC2/2019/SEIAA

Proposed Granite Building Stone Quarry of Shri. Haridasan for an extent of 7.7085 Ha in Survey No: 488 in Vettathur village, Perinthalmanna Taluk, Malappuram District, Kerala (Complaint received & report received from Divisional Forest Officer & District Collector)

Decision: The Committee examined the proposal and discussed the field inspection report. EIA study has been carried out for the project and based public consultation was held. There are also additional studies with respect to landslide possibilities, slope stability etc. There are also complaints against the project and report received from DFO and District Collector. In order to study all the documents and evaluate the environmental feasibility of the project holistically, the Committee felt it necessary to entrust the task to a Sub Committee. Accordingly, the Committee decided to entrust Er. Dileep Kumar and Dr. A.N. Manoharan to undertake the task and present the salient aspects and recommendation of their evaluation before the Committee.

25. SIA/KL/NCP/71500/2017 , 1143/EC/SEIAA/KL/2017

Application for EC for the Proposed Outer Ring Road (ORR) under CRDP-II, Thiruvananthapuram, Kerala (Southern Ring: Mangalapuram-Thekkada-Vizhinjam)

Decision: The 127th meeting of the SEAC heard the presentation and found that the response to the clarifications sought by the Committee was not satisfactory. The Committee also found that the EIA study did not cover all the aspects proposed in the approved TOR. Therefore, the Committee directed the proponent to complete the EIA study by addressing all the aspects in the approved TOR and also address the 13 clarification sought by the members of the Committee. The Committee also sought remarks from the proponent on the complaints received from the public and directed them to incorporate them in the mitigation and redressal plan. The proponent, now submitted a document titled 'SEAC clarification report' in response to the decision of SEAC. The Committee entrusted a Sub Committee consisting of Dr. A. Bijukumar and Dr. R. Ajayakumar Varma to evaluate the report and associated documents, appraise the salient aspects of the project to the Committee and assist the Committee to take appropriate decision.

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

1. SIA/KL/MIN/162964/2020 , 125/SEIAA/KL/2335/2013

Renewal / Extension of the Building Stone Mine (Minor Mineral Mining) project of M/s Valluvanad Granites situated in Survey Nos. 2/2 & 5/2 in Village - Lakkidi-Perrur 1st, Panchayat – Lakkidi-Perrur, Taluk - Ottapalam, District - Palakad, Kerala in an area of 4.8120 hectares.

Decision: The project with an area of 4.8120 hectares was accorded EC for a period of 5 years vide Order dated 22.11.2013. The EC validity was extended for two years vide Order dt. 16.02.2019. The validity of the EC expired on 22.11.2020. The PP seeks extension / renewal of EC for 3 more years. As per the decision of the 114th meeting of SEAC, a field inspection was

conducted in the site which was discussed in the 117th meeting of SEAC. The Committee examined the proposal and discussed the project details and decided to (i) invite the PP for a presentation before the SEAC, (ii) constitute a Sub Committee consisting of Dr. K. N. Krishnakumar and Dr. K. Vasudevan Pillai to evaluate the project reports and associated documents, appraise the salient aspects of the project to the Committee and assist the Committee to take appropriate decision and (iii) request SEIAA to make available the copy of the field inspection report to the members

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/126475/2019, 1724/EC3/2020/SEIAA

Environmental Clearance for the Building Stone Quarry for an Area of 0.6046 Ha in Re-Survey No. 104/8-1pt, 110/7pt, Block No.12 of Vengoor Village, Kunnathunad Taluk, Ernakulam District, Kerala by Mr.Tijo Lalu

Decision: The Project was presented in the 122nd meeting of the SEAC and ADS were sought. The Committee examined the proposal, verified the documents submitted and discussed the field inspection report. It is found that the all the ADS sought are not submitted the EMP need revision incorporating modified CER with specific physical targets. The Committee decided to direct the proponent to submit the following additional details.

1. Revised EMP incorporating modified CER proposal incorporating specific physical targets as per rules (OM No.22- 65/2017-IA.III dt. 30/09/2020 & OM No. 22-65/2017-IA.III dt. 20/10/2020 of the MoEF&CC, GOI.)
2. Geo-coordinates of monitoring wells in and around the project site and depth to water table

The field inspection report mentioned that the PP should demarcate buffer zone clearly, provide silt traps in the garland drain and outflow channel at every 20m, carry out compensatory afforestation at the proposed site with species mentioned Table 16 of the BDA report and include an environmental science subject expert in the EMC to be constituted.

2. SIA/KL/MIN/126728/2019, 1782/EC4/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry of Shri. Ravi Palleri, for an extent of 0.6844 Ha in survey no.275/1Apt in Thriprangotoor village, Thalassery Taluk, Kannur District, Kerala.

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The Committee assessed that the proposed site is located at the upper slope and ridge portion of a residual hill with a very steep slope. The road leading to the site is very narrow and steep. As such, the environmental fragility of the site is very high and an activity like mining is not desirable in the proposed site. Therefore, the Committee decided to recommend rejection of the proposal.

3. SIA/KL/MIN/130079/2019 , 1696/EC4/2019/SEIAA

Environment Clearance for the Proposed Granite Building Stone Quarry of Shri. Satheeshan, for an area of 0.6338 hectares in Re - Survey No. 159/2A2B of Poolakode Village, Kozhikode Taluk, Kozhikode District, Kerala.

Decision: The Committee examined the proposal. The 114th meeting of the SEIAA referred back the proposal for further assessment. Accordingly, the Committee decided to invite the proponent for presentation.

4. SIA/KL/MIN/132322/2019 , 1635/EC1/2020/SEIAA

Granite Building Stone Quarry of Shri. Nino K Thomas over an extent of 2.7213 Ha. (6.7243 Acres) in Block No. 31, Re-survey. Nos. 457/1, 457/2, 457/3, 457/4, 457/4-1, 457/5, 457/6 & 457/7, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala

Decision: The 127th meeting of the SEAC sought directions from the Authority regarding the consideration of the project having complaints and litigation. The 114th meeting of the SEIAA directed that the (i) the proposal may be kept in abeyance till the disposal of OS No.1/2021 before Munciff Court, Ranni, Pathanamthitta; (ii) As the dispute regarding the land comes under the mandate of Revenue Department and SEIAA/SEAC have no role in that, if the project proponent submits all relevant documents to the satisfaction of SEAC for issuing EC. SEAC may consider the proposal as per the merit of the application and clear documents submitted, if there is no stay from the court of law; (iii) The Project Proponent / complainants may approach the concerned departments / authorities for the redressal of their grievances. However SEAC may hear the grievances of both the parties relevant to issuing EC; (iv) SEAC may examine the procedural aspects and reasons for same person applying for EC for two quarries in the adjacent survey numbers and (v) As SEAC has already conducted the field inspection and appraised the project, SEAC may either reject or accept the proposal on merit in the light of the observations made above and recommend the same to SEIAA.

The Committee discussed the directions of SEIAA and decided to hear the grievances of both the parties relevant to issuing EC. The Committee also requested the Environmental Officer to examine the procedural aspects when the same person applies for EC for two quarries in the adjacent survey numbers as two applications, even if there is no cluster conditions.

5. SIA/KL/MIN/132702/2019 , 1726/EC2/2020/SEIAA

Granite Building Stone Quarry of Shri. Byju T.V over an extent of 1.5913 Ha. (3.9321 Acres) at Sy No. 506/2 Pt, Kanjirangad Village, Mananthavady Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The Committee noted that the life of mine proposed is 10 years, distance to the nearest house is 105m and depth to water table is 725m above MSL. The Committee observed that the project is feasible for EC with certain specific conditions as given below. However, as reported by the proponent, the distance Kottiyur WLS is just above 10km. Therefore, the Committee decided to direct the proponent to submit a certificate from the DFO/WLW regarding the distance between the project site and wildlife sanctuary. The Committee also decided that if and when the project is recommended for EC, the following specific conditions should be suggested in addition to general conditions.

1. The maximum depth of mining should be limited to 730m above MSL.
2. The overburden is very thick and therefore, no drainage line in and around the project site should be blocked or disturbed to ensure undisturbed natural drainage as a preventive measure against landslides
3. The slope of the overburden cut above the first bench should not be more than 45°.
4. The buffer zones should be demarcated and green belt should be developed and maintained using indigenous species as mentioned in the biodiversity assessment report including climbers and herbs. This should be initiated prior to the commencement of mining and completed in the first year itself to nurture the growth in subsequent years.
5. The fencing connecting the boundary pillars should be done properly and maintained to prevent unauthorized entry to the project area
6. The OB dump should be protected with gabion wall
7. Garland drain, covering the entire project area, silt traps at every 20m interval, siltation ponds and outflow channel should be developed prior to the commencement of mining.
8. Silt traps in the outflow channel should be installed at an interval of 10m to improve the quality of water drained into the natural stream. Geotagged photographs of the stream showing water turbidity during various season should be incorporated in the HYCR.
9. The drainage along with silt traps, collection tanks and outflow channel should be desilted periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.
10. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR
11. Measures incorporated in the CER should be implemented in total during the first and second year and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

12. While constituting the Environment Management Cell (EMC), a qualified subject expert with environment science should be included.
13. 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. SIA/KL/MIN/132745/2019 , 1570/EC1/2019/SEIAA

Building Stone Mine project of M/s Plaza Crusher Metals in Re-Survey Nos. 143/24, 3, 13, 14, 21, 23 at Ananganadi Village, Ottappalam Taluk, Palakkad District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The Committee noted that the original area of the project site was scaled down from 0.9996 Ha to 0.3192 Ha to avoid houses located within 200m. The Committee also noted that the life of mine proposed is 1 year, distance to the nearest built structure is 200.4m and depth to water table is 10m bgl. The Committee decided to recommend the issuance of EC for a period of 1 year from the date of permit from the M&G department with the following specific conditions.

1. Green belt should be developed in the buffer zone prior to commencement of mining.
2. Garland canal along with silt traps, siltation pond and overflow channel should be provided covering the entire project area
3. The garland canal, silt traps, siltation pond and outflow channel should be cleaned periodically so as to avoid any hindrance to overland drainage.
4. An abandoned quarry with a horizontal phase of around 10m height is found of in the proposed project area which should be protected with fencing after leaving a buffer zone so as to avoid danger to man and animal
5. The CER should be implemented as proposed during the first six months of the project.
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. SIA/KL/MIN/136866/2020 , 1719/EC3/2020/SEIAA

Environment Clearance for mining permit of Granite Building Stone Quarry of M/s. Kadanadu Granites over an extent of 0.7452 Ha.(1.8413 Acres) in Block No. 30, Re-Sy. Nos. 327,1-1 & 327/1-1-1, Kadanadu Village, Meenachil Taluk, Kottayam District, Kerala.

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The Committee observed that the proposal is in the mid-slope region of an elongated ridge and located just above a break-in-slope region. The slope above the proposed site is steeper and the downslope region drains to a narrow valley and in the downstream portion, there are habitation. The whole scenario indicates significant land fragility. Therefore, the Committee decided to defer the proposal for detailed evaluation by the members.

8. SIA/KL/MIN/137503/2020 , 1720/EC3/2020/SEIAA

Granite Building Stone Quarry of Mr. Saji Sebastian, Sy. No: 128/3Bpt, 128/4pt, 129/1-4pt, 129/2-1pt, in Arakkuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The proposed life of mine is about 5 years, depth to water table is 58m above MSL and the distance to nearest built structure is 64m. Based on detailed discussion the Committee decided to recommend issuance of EC for a period of 5 years subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer zone should be done in the first year of the project itself with plants mentioned in the biodiversity assessment report and it should be nurtured and maintained in subsequent years
2. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
3. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
4. Garland drain, covering the entire project area, silt traps, siltation ponds and outflow channel should be provided prior to the commencement of mining.
5. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geo-tagged photographs of the same should be submitted alongwith HYCR.
6. The OB dump should be located at the lower portion of the project site and away from drainage lines and protected with gabion walls.
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. The existing quarry with steep vertical phase should be corrected by providing benches.
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).

9. SIA/KL/MIN/140622/2020, 1722/EC3/2020/SEIAA

Building stone quarry of Mr. Joy AM situated for an area of 0.2023 Ha in Survey Nos. 158/5-1pt in the Arakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The project area is only 0.2023 Ha, life of mine is about 2 years, distance to nearest built structure is 52m and the depth to water table is 45m above MSL. The project area

includes an abandoned mine with high vertical phases. Based on discussion, the Committee decided to recommend EC for a period of 2 years subject to the following specific conditions in addition to the general conditions:

1. Green belt development in the buffer zone should be done in the first year of the project itself with plants mentioned in the biodiversity assessment report and it should be nurtured and maintained in subsequent years
2. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
3. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
4. Garland drain, covering the entire project area, silt traps, siltation ponds and outflow channel should be provided prior to the commencement of mining.
5. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geo-tagged photographs of the same should be submitted alongwith HYCR.
6. Measures incorporated in the CER should be implemented in the first year and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
7. The existing quarry with steep vertical phase should be corrected by providing benches.
8. The OB dumping site should be protected with gabion wall.
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. SIA/KL/MIN/142846/20207, 1713/EC3/2020/SEIAA

Granite Building Stone Quarry of M/s. T. J. Granites Pvt. Ltd over an extent of 2.0005 Ha in Re-Sy. Nos.326/1-2, 326/1-3, 326/1-4, 326/1-5 & 326/1-7 in Bharanganam Village, Meenachil Taluk, Kottayam District, Kerala by Shri. Jaison Jacob.

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The Committee observed that the proposal is on the summit portion of an isolated ridge with steep side slopes. The hill seems to be fragile and it is desirable to take a decision based on more detailed scientific inputs. The Committee therefore decided to direct the proponent to get a study conducted by an expert institution such as the National Centre for Earth Science Studies, Thiruvananthapuram, Geology Department of the Kerala University or such other institutions with expertise. The Committee also decided to direct the proponent to submit revised EMP incorporating modified CER proposal with detailed physical charges as per rule and also a Compensatory Afforestation Plan.

11. SIA/KL/MIN/146311/2020 , 1712/EC3/2020/SEIAA

Environmental Clearance for the Building Stone Quarry for an Area of 1.7634 Ha in Survey No.66/1, 66/2A, 66/2A, 66/2B, 128/2A, 128/2B3, 128/2B2, 128/3A, 128/3B2 of Arakkuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an area of 1.7634 Ha by Saji Sebastian

Decision: The committee examined the proposal, verified the documents and discussed the field inspection report. The proposed life of mine is 12 years, depth to water table is 58m above MSL and distance to the nearest built structure is 32. Considering the distance criteria, the Committee decided to recommend rejection of the proposal.

12. SIA/KL/MIN/148624/2020 , 1701/EC4/2020/SEIAADF

Environmental Clearance for the Proposed Granite Building Stone Quarry of Shri. Ravi Palleri, for an extent of 0.6464 Ha in Sy. No. 22/2A, 23 of Puthur Village, Thalassery Taluk of Kannur District., Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The life of mine proposed is about 5 years, depth to water table is 20m bgl and distance to the nearest built structure is 57m. Based on discussions, the Committee decided to recommend issuance of EC subject to the following specific conditions in addition to general conditions:

1. The haulage road should be widened and developed with blacktop prior to the commencement of mining
2. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
3. The overburden dump is proposed at a spot between BP13 and BP12 where the slope is very steep. Therefore, the overburden should be stored in the abandoned quarry pit for the time being and used for closure of the mine on completion of mining.
4. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps, siltation pond and outflow channel.
5. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
6. Arrangements should be made for discharge of the overland flow to the nearby natural drain
7. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.

8. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
9. The mining should be limited to 80 m above MSL for limiting the mine depth above the groundwater table
10. 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).

13. SIA/KL/MIN/152787/2020 , 1716/EC1/2020/SEIAA

Environmental Clearance for the Building Stone Quarry Project in Re-Sy. No 24/1, 25/4, Block No.50 of Mangalam Dam Village, Alathur Taluk, Palakkad District in an area of 1.9600 Ha by Sri. M. V. Antoo

Decision: The project was presented in 122nd meeting of the SEAC and additional documents sought. The Committee examined the proposal, verified the documents and discussed the field inspection report. The mine plan does not mention the life of mine but indicated that the mineabe reserve is 6,26,885 MT and 5,01,410 MT will be extracted in the first 5 years which indicates that the life of mine is not more than 7 years. The depth to water table is 94.4m above MSL and the neares built structure is at a distance of 155.9m. (as per field inspection report). The application indicated that the Peechi-Vazhani wild life sanctuary is located at a distance of 6.5m but the PP has not produced proof of application for wildlife clearance from the NBWL. is not mentioned in the mine plan. The Committee, therefore, directed the proponent to submit the proof of application submitted to NBWL for wildlife clearance.

14. SIA/KL/MIN/163150/2020 , 1749/EC1/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry in Re-Survey No. 129/1, Block No:30 in Ongallur 1 Village, Pattambi Taluk, Palakkad District, Kerala for an area of 0.7487 Ha by Sri. Musthafa A

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The life of mine proposed is 5 years, depth to water table is 15m bgl and distance to nearest built structure is 212m. The field report suggested that the forest boundary is at a distance of only 51m, the haulage road is very narrow, edge of the road on one side is very steep and the cluster certificate is old. The field report also suggested providing 'fish belly' at suitable intervals of the road. Based on discussions, the Committee decided to invite the proponent for a presentation.

15. SIA/KL/MIN/163594/2020 , 1756/EC3/2020/SEIAA

Granite Building Stone Quarry of Mr. Dineesh Vijayan for an extent of 0.7137 Ha in Re. Sy. No. 140/2, 140/2-1, 140/2-1-1 of Vallichira Village, Meenachil Taluk, Kottayam District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The total mineable reserve is 157525 MT, life of mine proposed is 5 years, maximum mine depth is 140m above MSL, depth to water table is 130m above MSL and distance to nearest built structure is 52m. Based on discussions, the Committee decided to recommend issuance of EC for a period of 5 years subject to the following specific conditions in addition to the general conditions:

1. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
2. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
3. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
4. The overburden dump should be protected with retaining wall.
5. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m interval, siltation pond and outflow channel. There should be three siltation ponds arranged in a series which should be made with concrete
6. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
7. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
8. The haulage road should be maintained well.
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).

16. SIA/KL/MIN/164222/2020, 1757/EC3/2020/SEIAA

Environmental Clearance for the Building Stone Quarry for an Area of 0.9995 Ha. in Re-Sy No. 171/8 Airapuram Village, Kunnathunad Taluk, Ernakulam District, Kerala for an area of 0.9995 Ha by N S GANESH

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The total mineable reserve is 250290 MT, life of mine proposed is 5 years, elevation prior to mining varies from 60 to 45m, maximum mine depth proposed is upto 15m, depth to water table is 13m bgl and the nearest built structure is 72m . Based on detailed discussions, the Committee decided to recommend issuance of EC for a period of 4 years subject to the following specific conditions in addition to the general conditions:

1. The maximum mine depth should be limited at 35m with 5 benches instead of 15m with 9 benches.
2. The boundary pillars should be fixed with concrete and geo-tagged photographs of the same should be submitted prior to commencement of mining.
3. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
4. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
5. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
6. The overburden dump should be protected with retaining wall.
7. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m interval, siltation pond and outflow channel and it should be connected to the nearest natural drain.
8. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
9. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
10. The haulage road should be maintained well.
11. 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).
12. Environment Management Cell (EMC) should include one subject expert qualified in environment science.

17. SIA/KL/MIN/168033/2020 , 1822/EC4/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Shri. C. Mukundan, for an area of 0.8977 Ha in Survey No. 89/111, 139/114, 107/143, 107/144, 107/145, 139/113, 107/140, 107/141, 107/142, 107/138, 139/111, 139/112 Kolavallloor Village, Thalassery Taluk, Kannur District with an area of 0.8977 Ha.

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The life of mine proposed is 5 year and depth to water table is 15m bgl. Based on discussions, the Committee decided to seek the following documents from the project proponent.

1. Revised Environmental Management Plan addressing the mitigation of environmental impacts and incorporating the modified Corporate Environmental Responsibility proposal indicating specific physical targets as per rules.
2. Fix the boundary pillars using concrete and submit geo-tagged photographs of the same as proof.
3. Certified map from the Village Officer indicating the distance to the nearby built structures including houses, buildings, communication towers, roads etc.

The field report suggested the following specific conditions if and when EC is recommended for the project.

1. The haulage road should be widened and developed with blacktop prior to the commencement of mining
2. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured
3. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps, siltation pond and outflow channel.
4. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report
5. Arrangements should be made for discharge of the overland flow to the nearby natural drain
6. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
7. The maximum depth of mining should be limited to 485m above MSL.
8. 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).

18. SIA/KL/MIN/170229/2020 , 1795/EC1/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry in Block No: 33, Re-Survey Nos. 369/1/2, 368/4/1, 368/3 in Ongallur-II Village, Pattambi Taluk, Palakkad District, Kerala by Sri. Abdul Gafoor for an area of 0.9122 Ha.

Decision: The project was presented in the 122nd meeting of the SEAC. The Committee examined the proposal, verified the documents and discussed field inspection report. The distance to the nearest Reserve Forest is 54.6m. One side of the proposed site in an abandoned

quarry and the other is a working quarry. The distance to the nearest house is 212m. The life of mine proposed is 5 year and depth to water table is 15m bgl. Based on discussions, the Committee decided to recommend issuance of EC for a period of 5 years subject to the following specific conditions in addition to the general conditions:

1. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
2. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
3. The overburden dump should be protected with retaining wall.
4. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m interval, siltation pond and outflow channel and it should be connected to the nearest natural drain.
5. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
6. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
7. The haulage road should be maintained well.
8. 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).

19. SIA/KL/MIN/175428/2020 , 1876/EC3/2021/SEIAA

Environment Clearance for mining of Granite Building Stone Quarry of Shri.Anish Abraham over an extent of 1.0 Ha. In Sy. Nos. 730, Vagamon Village, Peerumedu Taluk, Idukki District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The total mineable reserve is 347690MT, proposed mine life is 8 years, depth to water table is 875m above MSL and distance to the nearest built structure is 54.3m. The Idukki Wildlife Sanctuary is located at a distance of 3.8km. The maximum depth of mine proposed is 875m above MSL. A private road is located adjacent to the project site within around 5m. Based on discussions, the Committee decided to direct the PP to submit the following.

1. Proof of application submitted for wildlife clearance from NBWL.
2. Consent of the owner of the private road located adjacent to the project site

The Committee also suggested that if and when EC is recommended, the following following specific conditions in addition to the General conditions should be suggested.

1. The EC issued may be subjected to a review by SEAC after 5 years through filed verification to ensure that mining is carried out sustainably as per the EC conditions.
2. The maximum mine depth should be limited at 880m above MSL.
3. The boundary pillars should be fixed with concrete and geo-tagged photographs of the same should be submitted prior to commencement of mining.
4. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
5. A temporary wall should be provided all along the stretch of the private road in addition to the green belt to avoid any adverse impact to traffic.
6. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
7. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
8. The overburden dump should be protected with gabion wall.
9. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m, siltation pond and outflow channel and it should be connected to the nearest natural drain.
10. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
11. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
12. The haulage road should be maintained well.
13. 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).
14. The Environment Management Cell (EMC) should include one subject expert qualified in environment science.
15. 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).

20. SIA/KL/MIN/32061/2019 , 1622/EC2/2020/SEIAA

Granite Building Stone Quarry of M/s. Nellimunda Granites and Sands Pvt Ltd over an extent of 1.1341Ha (2.8026 Acres) in Re Sy No.374/752 & 374/738, Valad Village, Mananthavady Taluk, Wayanad

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The total mineable reserve is 322150 MT, the life of mine proposed is 9 year,

depth to water table is 743.4m above MSL, lowest ground level is 755m above MSL and distance to nearest built structure is 53.6m. The Kottiyoor wildlife sanctuary is located at a distance of 7.53km and the PP submitted proof of application for wildlife clearance from the NBWL. Based on discussions, the Committee decided to recommend EC for a period of 9 years subject to the following specific conditions in addition to the General conditions.

1. The EC may be issued after the production of wildlife clearance from the NBWL.
2. The EC issued may be subjected to review by SEAC after 5 years through filed verification to ensure that Mining is carried out sustainably as per the EC conditions.
3. The maximum mine depth should be limited at 755m above MSL.
4. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
5. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained
6. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
7. The overburden dump should be protected with gabion wall.
8. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m, siltation pond and outflow channel and it should be connected to the nearest natural drain.
9. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
10. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
11. The haulage road should be maintained well.
12. 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).
13. The Environment Management Cell (EMC) should include one subject expert qualified in environment science.
14. Geotagged photographs of the stream showing water turbidity during various season has to be submitted along with HYCR.

21. SIA/KL/MIN/34543/2019 , 1589/EC1/2020/SEIAA

Granite Building Stone Quarry of Mr. Jose Varghese in Sy. No. 5/1 of Alakode Village, Thodupuzha Taluk, Idukki District, Kerala

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The project area is 0.7511 Ha, total mineable reserve is 2,52,225 MT, proposed life of mine is 3 year, depth to water table is 1-2m bgl in the nearby area and distance to nearest built structure is 52.8m. The relative relief at the bottom of the hillock is around 127m above MSL. The cluster certificate indicate a non-working quarry namely Marthoma Granites with an area of 7.4590 Ha which is now under violation proceedings by the SEIAA (File No. 1413(A)/EC1/2019/SEIAA). Based on discussions, the Committee decided that the quarry is technically feasible if the cluster certificate is acceptable. Subject to this, the Committee decided to recommend EC for a period of 3 years subject to the following specific conditions in addition to the general conditions:

1. The maximum mine depth should be limited at 130m above MSL.
2. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
3. Green belt should be developed all along the entire buffer zone using indigenous species including climbers and herbs in the first year itself and it should be nurtured and maintained.
4. No trees in the buffer zone should be removed
5. A temporary wall connecting the boundary pillars BP3-BP4-BP5 should be provided in addition to the green belt.
6. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
7. The overburden dump should be protected with gabion wall.
8. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m, siltation pond and outflow channel and it should be connected to the nearest natural drain.
9. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
10. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
11. The haulage road should be maintained well.
12. 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).

22. SIA/KL/MIN/35199/2019 , 1461/EC2/2019/SEIAA

Environment clearance for the Granite Building Stone Quarry over an extent of 0.7879 Ha in Sy. No. 127 pt of Thrikkur Village, Mukundapuram Taluk, Thrissur District of Kerala State by M/s Alphonsa Granites

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The proposed life of mine is 3 years, depth to water table is 50m above MSL and distance to the nearest built structure is 121.2m. Based on discussions, the Committee decided to direct the proponent to submit the following additional details.

1. Upload the KML File
2. Proof of application submitted to National Board of Wildlife for wildlife clearance.
3. Consent from the land owners of the private road which is proposed to be used by the PP.
4. Revised EMP incorporating modified CER with detailed physical targets and consent letter from the beneficiary.
5. Compensatory afforestation plan.

23. SIA/KL/MIN/39461/2019 , 1546/EC1/2019/SEIAA

Building Stone Quarry Project of M/s Vengunadu Granite and Sands Pvt. Ltd. at Survey Nos. 238/1, 238/2, 239/1, 239/2, 239/5, 239/6, 239/7, Block No. 22, Muthalamada 1 V

Decision: The 114th meeting of the SEAC posted the case back to SEAC along with the hearing note for examination of all issues raised by Project proponent and the Project Proponent is directed to present his case before SEAC with all required documentary evidences to prove that the proposed project site does not fall under the purview of existing notifications issued by MoEF & CC on ESA. Accordingly, the Committee considered the hearing note and decided the following:

1. The proponent is directed to present before SEAC for hearing with all documentary evidence.
2. To obtain an advisory note from DoECC regarding the ESA aspects as per the existing norms/directions to arrive at a decision.

24. SIA/KL/MIN/44488/2019 , 1474/EC1/2019/SEIAA

Granite Building Stone Quarry of Sri. Nino K Thomas 2.0832 Ha. (5.1475Acres) in Re-Survey Block No. 31, Re-survey. Nos. 394/2, 461/1 & 461/4, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala

Decision: The 127th meeting of the SEAC sought directions from the Authority regarding the consideration of the project having complaints and litigation. The 114th meeting of the SEIAA directed that (i) the proposal may be kept in abeyance till the disposal of OS No.1/2021 before Munciff Court, Ranni, Pathanamthitta; (ii) As the dispute regarding the land comes under the

mandate of Revenue Department and SEIAA/SEAC have no role in that, if the project proponent submits all relevant documents to the satisfaction of SEAC for issuing EC. SEAC may consider the proposal as per the merit of the application and clear documents submitted, if there is no stay from the court of law; (iii) The Project Proponent / complainants may approach the concerned departments / authorities for the redressal of their grievances. However SEAC may hear the grievances of both the parties relevant to issuing EC; (iv) SEAC may examine the procedural aspects and reasons for same person applying for EC for two quarries in the adjacent survey numbers and (v) As SEAC has already conducted the field inspection and appraised the project, SEAC may either reject or accept the proposal on merit in the light of the observations made above and recommend the same to SEIAA.

The Committee discussed the directions of SEIAA and decided to hear the grievances of both the parties relevant to issuing EC. The Committee also requested the Environmental Officer to examine the procedural aspects when the same person applies for EC for two quarries in the adjacent survey numbers as two applications, even if there is no cluster conditions.

25. SIA/KL/MIN/44927/2019 , 1210(A)/EC2/2019/SEIAA

Environmental Clearance for Expansion of Existing Masonry Stone Mine (Quarry) project of M/s H & P Granites for an area of 9.0681 ha. at Kummil Village, Kottarakkara Taluk, Kollam District, Kerala

Decision: The Committee noted the minutes of 114th SEIAA and entrusted Smt. Beena Govindan and Dr. R. Ajayakumar Varma to study the proposal & submit a detailed report.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/39592/2019 , 1412/EC2/2019/SEIAA

Granite Building Stone Quarry of Mr. Sudheesh A T for an area of 2.4973 Ha in Survey No: 55/2, 55/3, 55/4 of Irulam Village, Sulthanbathery Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal, verified the document and discussed the field inspection report. The total mineable reserve is 938525 MT, maximum mine depth is 825m above MSL, depth to water table is 820m above MSL, proposed life of mine is 10 years and distance to nearest built structure is 58.2m. The sitance to Wayanad Wildlife Sanctuary is reported at a distance of 7.2km and the PP has submitted proof of application to NBWL for wildlife clearance. Based on discussions, the Committee decided to recommend EC for period of 10 years subject to the following specific conditions in addition to the General conditions.

1. The EC issued will be subject to a review by SEAC after 5 years through filed verification to ensure that Mining is carried out sustainably as per the EC conditions.
2. The overburden dumping site should be protected with gabion wall to a height of about 2.5 m.
3. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.
4. Green belt should be developed all along the entire buffer zone using indigenous species including climbers and herbs in the first year itself and it should be nurtured and maintained.
5. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
6. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps, siltation pond and outflow channel and it should be connected to the nearest natural drain.
7. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
8. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
9. The haulage road should be maintained well.
10. 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).
11. 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).

2. SIA/KL/MIN/67030/2021 , 1926/EC1/2021/SEIAA

Application for ToR for the China Clay (Minor Mineral) Mining project of M/s EICL Limited in Survey Nos. 177, 178, 179, 180, 241, 242, 181/21, 181/10, 182/3, 4, 5, 6, 10, 11, 12, 17, 183, 184, 240/2, 12, 13, 14, 229/14-1 (existing mine lease area of 14.5129 ha) and Survey Nos. 196/7, 10-5, 10, 10-2, 10-3, 245/1, 1-2, 1-3, 2, 3, 4, 5, 6, 16, 17 (proposed mine lease area of 1.0910 ha) in Veiloor Village, Thiruvananthapuram Taluk, Thiruvananthapuram District (Judgment dated 29.04.2022 in WP(C) No.11630/2022 and WP(C) No. 111030/2022 filed before the Hon'ble High court of Madras)

Decision: The 114th meeting of the Authority decided to request the SEAC to examine all pending proceedings in different courts of law and rejection order issued by SEIAA carefully and clarify the circumstances under which TOR was recommended to a project, which was once

rejected by SEIAA and cases are still pending in various courts of law, relating to irregularities committed by Project Proponent in violation of EIA notification 2006. The Committee noted that the rejection of application by SEIAA was not brought to the notice of SEAC. Based on discussions, the Committee decided to withdraw the ToR recommended with immediate effect, considering the fact that the proponent has hidden the facts in his TOR application. The Committee also decided to constitute a Sub Committee consisting of Dr. R. Ajayakumar Varma, Dr. A. Bijukumar, Dr. Ajithkumar and Dr. Mahesh Mohan to study the file, related judgments and decision of SEIAA and appraise the Committee.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/IND2/215978/2021 , 2020/EC2/2022/SEIAA

**Offshore Oil and Gas Exploration, Development and Production in Oil and Gas
Exploratory Block: KK-OSHP-2018/1**

Decision: The Committee examined the proposal and decided to invite the proponent for a presentation in the next meeting.

2. SIA/KL/MIN/127262/2019 , 1861/EC4/2019/SEIAA

**Environmental Clearance for the Proposed Granite Building Stone Quarry Project of
M/s Geo Enterprises is situated for an area of 2.6305 Ha in Re Survey No. 29 (pt) in
Sivapuram Village, Thamarassery Taluk, Kozhikode, District, Kerala**

Decision: The Committee examined the proposal and decided to entrust Dr. C. C Harilal and Dr. A.N. Manoharan for evaluation of the documents submitted, field inspection and report.

3. SIA/KL/MIN/129726/2019 , 1695/EC2/2020/SEIAA

**Environmental Clearance for the proposed Granite Building Stone Quarry of Mr.
Abdul Rahoof for an extent of 0.8209 Ha in Survey No. 28/3 in parappa Village,
Vellarikund Taluk, Kasargod District, Kerala**

Decision: The Committee observed that even after giving two invitations, the proponent failed to appear before the Committee for making the presentation. In the circumstance, the Committee decided to give more chance to the PP and decided to notify the PP that failure to attend for presentation will lead to the delisting of his application.

4. SIA/KL/MIN/129757/2019 , 1578/EC3/2019/SEIAA

**Environment Clearance for the Proposed Granite (Building Stone) Quarry for an
extent of 0.6111 Ha in survey Nos.155/1,154 Karakkunnu village, Eranad Taluk,
Malappuram District, Kerala.**

Decision: The proponent Sri. Musthafa and RQP Sri. Mahesh.S were present and RQP made the presentation. The Committee heard the presentation and decided to direct the proponent to submit the following documents:

1. Non -Assignment Certificate
2. Revised EMP incorporating modified CER with detailed physical targets as per MoEF&CC guidelines.
3. Compensatory afforestation plan linking available space in public institutions.
4. Geo-tagged photographs of boundary pillars.

The Committee decided to entrust Sri. Gopinathan and Dr.A.V.Raghu to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

5. SIA/KL/MIN/130330/2019 , 1924/EC6/2021/SEIAA

Environment Clearance for the proposed granite building stone quarry is situated over an extent of 0.4988 Ha in survey No. 310/14, 311/2 in Kavanur Village, Eranad Taluk, Malappuram District, Kerala.

Decision: The Committee decided to entrust Sri. Gopinathan and Dr.A.V.Raghu to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

6. SIA/KL/MIN/139351/2020 , 1714/EC3/2020/SEIAA

Environment Clearance for the Granite Building Stone Quarry of Shri.Maneesh P Mohanan over an extent of 0.8586 Ha.(2.1216 Acres) in Sy. Nos. 476/1/15, 476/1/15, 477/2, 477/2/2, 477/2/4, Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal and decided to entrust Dr. Mahesh Mohan and Dr. K.N. Krishnakumar to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

7. SIA/KL/MIN/140563/2020 , 1818/EC3/2020/SEIAA

Environment Clearance for mining permit of Building Stone Quarry owned by M/s Concrete Aggregates Industries over an extent of 2.7340 Ha Re Sy No: 419/2, 419/3, 419/6-4, 419/6, 419/6-2, 419/6-3, 420/1-2, 420/1-3-2, 420/3, 420/4, 421/3 Pattimattom Village, Kunnathunadu Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal and decided to entrust Dr.Mahesh Mohan and Dr.K.N.Krishnakumar for evaluation of the proposal, study the documents, carry out field inspection of the site and report. The Committee also decided to seek a revised EMP incorporating modified CER with detailed physical targets as per MoEF&CC guidelines.

8. SIA/KL/MIN/141622/2020 , 1916/EC2/SEIAA/2021

Granite Building Stone Quarry of Shri. K V Joy over an extent of 1.4062 Ha. (3.4747 Acres) in Re- Sy. Block No. 19, Re-Sy. Nos. 8/33, 8/34, Kalpetta Village, Vythiri Taluk, Wayanad District, Kerala

Decision: The Committee examined the proposal and decided to entrust Dr. C. C Harilal and Dr. A.N. Manoharan for evaluation of the documents submitted, field inspection and report.

9. SIA/KL/MIN/143386/2020 , 1592/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. K.P Sreedharan, over an extent of 0.1943 Ha.Resy No-21/31, 21/44 in Chathamangalam Village, Kozhikode Taluk, Kozhikode District, Kerala

Decision: The Committee observed that even after giving two invitations, the proponent failed to appear before the Committee for making the presentation. In the circumstance, the Committee decided to give more chance to the PP and decided to notify the PP that failure to attend for presentation will lead to the delisting of his application.

10. SIA/KL/MIN/149391/2020 , 1651/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry project of Vineesh, over an extent of 0.0971 Ha in Re Sy No-196/6 of Naduvannur Village, Koyilandy Taluk, Kozhikode District, Kerala.

Decision: The Committee observed that even after giving two invitations, the proponent failed to appear before the Committee for making the presentation. In the circumstance, the Committee decided to give more chance to the PP and decided to notify the PP that failure to attend for presentation will lead to the delisting of his application.

11. SIA/KL/MIN/156868/2020 , 1812/EC3/2020/SEIAA

Environment Clearance for mining permit of building stone quarry Mr. Joseph A V, Kottayam Block no.70 Re. Sy No: 23/1, 23/2 Poonjar Village, Meenachil Taluk, Kottayam District, Kerala Extent: 0.9407 Ha

Decision: The Committee examined the proposal and decided to entrust Dr.Mahesh Mohan and Dr.K.N.Krishnakumar for evaluation of the proposal, study the documents, carry out field inspection of the site and report. The Committee also decided to seek a revised EMP incorporating modified CER with detailed physical targets as per MoEF&CC guidelines.

12. SIA/KL/MIN/176680/2020 , 1877/EC3/2021/SEIAA

Environmental Clearance for the extraction of Granite Building Quarry of Mr.SirajHussain at Re-Sy:-281/2-3of Mundakkayam Village, Kanjirappally Taluk, Kottayam District (Transferring of file from TOR to EC, Granite Building Stone Quarry of SirajHussain)

Decision: The Committee examined the proposal and decided to entrust Dr.Mahesh Mohan and Dr.K.N.Krishnakumar for evaluation of the proposal, study the documents, carry out field inspection of the site and report.

13. SIA/KL/MIN/178887/2020 , 1850/EC4/2020/SEIAA

Environmental Clearance for the Mining Ordinary Clay from 0.1665 hectares in Sy. No. 7/6, 7/7, 7/8 and 7/9 of Pariyaram village, Thaliparambu Taluk, Kannur District, Kerala by Shri. Sushil Aaron

Decision: The Committee observed that even after giving two invitations, the proponent failed to appear before the Committee for making the presentation. In the circumstance, the Committee decided to give more chance to the PP and decided to notify the PP that failure to attend for presentation will lead to the delisting of his application.

14. SIA/KL/MIN/187054/2020 , 1855/EC4/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of M/s Kannur Building Materials Co-Operative Society, in Block No. 37, Re-Survey No: 132/279 in Perinthatta Village, Payyannur Taluk, Kannur District, Kerala for an extent of 0.9700 Ha under B2 category.

Decision: The Committee examined the proposal, verified the documents and appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha. Based on discussions, the Committee decided to recommend EC for a period of five years with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site
3. The excavation activity should be restricted to 2m above the ground water table at the site
4. The excavation activity should not alter the natural drainage pattern of the area

5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. 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
16. 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).

15. SIA/KL/MIN/191604/2021 , 1931/EC3/2022/SEIAA

Granite Building Stone Quarry of M/s Deccan Rocks for an area of 3.9736 Ha in Re-Survey Nos. 66/2,66/1,66/3-2,66/3,66/3-1,66/3-4,66/3-5,66/3-7,66/3-3,66/3-6,65/1 of Thalanad Village, Meenachil Taluk, Kottayam District, Kerala,. (Judgment in WP(C) No. 5069 of 2022 dated 07-03-2022 filed by M/s Deccan Rocks)

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and decided to entrust Dr.K.N. Krishnakumar and Dr. Mahesh Mohan for evaluation of the documents and carrying out field inspection and report.

16. SIA/KL/MIN/195336/2021 , 1888/EC1/2021/SEIAA

Prior Environment Clearance for Dimension Stone Quarry of M/s. K.P Granite Industries at Sy No 150/1,150/2 & 150/3 over an extent 1.0670 Ha in Karavaram Village Chirayinkeezhu Taluk Trivandrum District.

Decision: The Committee examined the proposal and verified the documents and decided to direct the proponent to submit a ToR application as the total area exceeds 5 Ha within the cluster.

17. SIA/KL/MIN/203074/2021, 1899/EC4/2021/SEIAA

Environment Clearance for the Proposed expansion of existing Building Stone Minor Mineral Mining (Quarry) project of M/s Sri Lakshmi Stone Crusher with total mine lease area of 4.8875 ha.

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and decided to entrust Dr.R. Ajayakumar Varma and Sri.V.Gopinathan for evaluation of the documents and field inspection and report.

18. SIA/KL/MIN/203330/2021 , 1937/EC3/2022/SEIAA

Environment Clearance for the Granite Building Stone Quarry of M/s. Mariyan Granites' over an extent of 0.9802 Ha. in Sy Nos. 805/1A-40, 805/1A-40, 805/1A-40 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and decided to entrust Dr.Mahesh Mohan and Dr.K.N.Krishnakumar for evaluation of the documents, field inspection and report.

19. SIA/KL/MIN/204998/2021 , 1923/EC3/2021/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry for an extent of 0.6656 Ha in Re-Survey No. 281/1-9 in Block No. 2,Mundakkayam Village, Kanjirappally Taluk, Kottayam District, Kerala.

Decision: The Committee examined the proposal and decided to entrust Dr. Mahesh Mohan and Dr. K.N. Krishnakumar to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

20. SIA/KL/MIN/221515/2021 , 1922/EC1/2021/SEIAA

Granite Building Stone Quarry of M/s Chand V Granites at Re. Sy. No. 305/1,2,3,4,5,6, 305/6-2, 305/6- 3,306/2, 309/3 in Vadakarapathy Village, Chittur Taluk, Palakkad District, Kerala.

Decision: The Committee examined the proposal and decided to entrust Dr. R. Ajayakumar Varma and Dr.K. Vasudevan Pillai to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

21. SIA/KL/MIN/266125/2022 , 1971/EC1/2022/SEIAA

Environmental Clearance for Ordinary clay mining project of Mr. Prashobh. K. S, over an extent of 0.2564 Ha, Re Survey No- 94/24, 25, 95/9/1in Tarur-1 Village of Alathur Taluk, Palakkad District, Kerala.

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

22. SIA/KL/MIN/272047/2022 , 1216/EC2/2019/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry with permit for an extent of 0.5996 Ha in Re Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram District, and Kerala

Decision: The Committee examined the proposal and decided to entrust Dr. R. Ajayakumar Varma and Sri. Sheik Hyder Hussain to conduct a detailed evaluation of the proposal, study the documents submitted and submit a report regarding the feasibility of the project, if necessary after field inspection.

23. SIA/KL/MIS/193790/2021 , 1892/EC3/2021/SEIAA

Environmental Clearance for the project is Valley view apartments on block No. 39, survey No.93/9, Puthencruz village, Ward No.-II, Kunnathunad Taluk, District Ernakulam, Kochi, Kerala

Decision: The file is delisted since the proponent has submitted ToR for the area, which is under consideration by SEAC

24. SIA/KL/MIS/194843/2021 , 1904/EC3/2021/SEIAA

Environmental Clearance for the proposed Expansion of Residential project (‘FederalGreens’) developed by M/s The Federal House Construction Co-Operative Society Ltd. No. E-962

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

25. SIA/KL/MIS/210283/2021 , 1910/EC1/2021/SEIAA

Environment Clearance for proposed Residential Apartment project to be developed by M/s Favourite Constructions Pvt. Ltd. at Uliyazhathura Village, Thiruvananthapuram

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

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

Development of Technocity Technology Park in Pallipuram, Veiloor, Andoorkonam, Melthonnakkal Villages, Thiruvananthapuram Taluk, Thiruvananthapuram District (Presentation)

Decision: The Consultant Smt.Jinitha of the accredited Organization KIITCO and Sri. Madhavan and Sri. Rahul, on behalf of the proponent with authorization, attended the presentation. The Committee heard the presentation and entrusted Er.Dileep Kumar, Dr.Bijukumar and Sri.Sheik Hyder Hussain for evaluation of the EIA report, field inspection and report.

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

1. SIA/KL/MIN/262617/2022 , 553/SEIAA/EC3/4087/2014

Environmental Clearance for the quarry project in Sy.No.302/6, 302/7.1, 302/7.2, 302/8, 302/1.2, 298/15, 298/14, 298/16, 298/13, 298/12, 302/2.2, 301/1, 301/2, 302/5.1 and 302/5.2.2 at Thiruvaniyoor Village, Kunnathunad Taluk, Ernakulam District, Kerala by Sri.Saji K. Alias.for M/s Mariyem Industries (Judgment of Hon'ble High Court in IA. No. 2/2022 dated 23-02-2022 in WP(C) No. 15475/2016 (H) filed by Shri. Saji K. Alias)

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr. R. Ajayakumar Varma and Dr. Ajithkumar for field inspection and report.

2. SIA/KL/MIN/278020/2022 , 806/SEIAA/EC4/2237/2015

Extension of Environmental clearance for the building stone quarry project of Mr. Tomy Thomas for an area of 3.9577 ha. in Sy. Nos. 247/2, 247/2/1, 247/2/2, 247/2/3, 249/1, 249/2/, 249/3, 249/4, 439/1-1, 248/4, 248/3pt at Erattupetta Village, Thalappalam Panchayath, Meenachil Taluk, Kottayam District- by Sri. Tomy Thomas (Contempt of court case CoC No. 839/2022 against the 2nd respondent in WP(C) No. 21767/2021 alleging the non-compliance of judgment dated 11-03-2022)

Decision: The 114th meeting of the Authority agreed with the decision of SEAC and decided to revoke the stop memo subject to the orders of Hon'ble NGT & High Court. The Authority also decided to direct the Proponent to apply for extension of validity of EC. The PP has applied for the same in Form 6. The Committee decided to entrust Dr. K.N.Krishnakumar and Dr.Mahesh Mohan to evaluate the documents submitted by the PP, examine compliance of EC conditions, carry out field inspection and report. The following additional documents need to be sought from the PP.

1. Recent Certified Survey Map indicating distance to built structures including houses and other building
2. Recent Cluster Certificate
3. Certified Compliance Report from MoEF&CC, IRO, Bangalore.
4. Scheme of Mining
5. Biodiversity Assessment Report
6. Revised EMP incorporating CER proposals with detailed physical targets

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/75758/2022 , 1986/EC4/2022/SEIAA

Granite Building Stone Quarry of M/s. Iritty Constructions, over an extent of 4.5449 Ha. (11.2304Acres) Re – Survey Block No.71, Re -Sy.No. 1/396, 1/431, 1/432, 1/434 & 1/435 in Nediyanaga Village, Taliparamba Taluk, Kannur District, Kerala State, India for a production capacity of 2,50,447.50 tonnes per annum

Decision: The Committee examined the file, verified the documents submitted by the proponent and decided to approve standard ToR with the following additional studies:

1. Probability of landslides and soil piping in the impact zone.
2. Detailed hydrological and hydro-geological characteristics of the impact zone
3. Digital Terrain Model of the study area

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/136571/2020 , 1745/EC2/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of M/s Hastone Granites Pvt. Ltd, for an extent of 0.9986 Ha.at Survey No. 112/11A3Pt in Balal Village, Vellarikund Taluk, Kasaragod District, Kerala

Decision: The Committee examined the proposal and verified the documents and decided to entrust Sri. V. Gopinath and Dr. A.N. Manoharan to evaluate the documents and conduct field inspection and report. The proponent also need to submit the following additional documents.

- a. Legible Certified survey map
- b. Reduced level of the nearest well

2. SIA/KL/MIN/140439/2020 , 1821/EC3/2020/SEIAA

Environmental Clearance for Laterite Building Stone Mining project area of SAJIMON JOSEPH for an area of 0.0898 Ha.of land in, Survey nos. 353/7. Manjoor Village, Vaikom Taluk, Kottayam District, Kerala

Decision: The Committee examined the proposal and verified the documents and decided to seek the following documents from proponent:

- a. Clarification regarding a house / shed seen adjacent to boundary Pillar 1
- b. Recent Certified Survey Map showing the distance from the project boundary to houses/buildings/shed and other built structures, if any.

3. SIA/KL/MIN/143579/2020 , 1831/EC1/2020/SEIAA

Proposed Granite (Building Stone) Quarry of Shri. MUHAMMED ABDUL BASHEER in Sy. No. 5/7, 6/1B1 of Pattithara Village, Pattambi Taluk of Palakkad District., Kerala

Decision: The Committee examined the proposal and verified the documents and decided to entrust Dr.K. Vasudevan Pillai and Dr.R. Ajayakumar Varma to evaluate the documents and assess the feasibility of the project and report, if necessary after field inspection.

4. SIA/KL/MIN/165193/2020 , 1941/EC2/SEIAA/2022

Environment Clearance for the Proposed Granite Building Stone Quarry of M/s. Malom Crushers over an extent of 0.9436 Ha. Block No: 1, Survey. Nos: 146/4A2 Pt 112, 125, 139 & 307, Balal Village, Vellarikundu Taluk, Kasaragod District, Kerala State.

Decision: The Committee examined the proposal and verified the documents and decided to entrust Sri. V. Gopinathan and Dr. A.N. Manoharan to evaluate the documents, study the feasibility of the project and report, if necessary after field inspection

5. SIA/KL/MIN/167408/2020 , 1946/EC6/2022/SEIAA

Environmental clearance for the proposed Granite (Building Stone) Quarry with Lease for an extent of 0.9642 Ha in Re- survey no. 291 in Oorakam village, Thirurangadi Taluk, Malappuram District, Kerala.

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr.C.C.Harilal, Sri. V. Gopinath, Dr. R. Ajayakumar Varma and Dr.K.Vasudevan Pillai to evaluate the documents and conduct field inspection and report.

6. SIA/KL/MIN/189304/2020 , 1940/EC1/2022/SEIAA

Granite Building Stone Quarry of Shri. K. J. Thomaskutty ” over an extent of 0.6147 Ha. Survey no.776/1-29, 776/1-3-18, 776/1-5-4, 776/1-5-4-8, 776/1-5-4-8, 776/3-8 of Chethackal Village, Ranni Taluk, Pathanamthitta District, Kerala.(Judgment dated 08.04.2022 in WP(C) No.12093/2022)

Decision: The Committee examined the proposal and verified the documents and decided to entrust Smt.Beena Govindan and Dr.R. Ajayakumar Varma to evaluate the documents and study the feasibility of the project, if necessary after field inspection.

7. SIA/KL/MIN/190202/2020 , 1867/EC4/2020/SEIAA

Environmental clearance for Granite of Mr. E. P. Krishnan Kutty for an extent of 0.2632 Ha Re. Sy.Nos.67/2A of Perumanna Village, Kozhikode Taluk, Kozhikode - District, Kerala.

Decision: The Committee examined the proposal and verified all the documents. The life of mine proposed is 2 years, rate of production is 7865 TPA and distance to the nearest built structure is 110m. Based on detailed deliberations, the Committee decided to recommend EC for a period of 2 years subject to the following specific conditions in addition to the general conditions

1. Green belt should be developed all along the entire buffer zone using indigenous species including climbers and herbs in the first year itself and it should be nurtured and maintained.
2. Compensatory afforestation for the trees to be removed from the proposed site should be done prior to the commencement of mining with indigenous species and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
3. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps, siltation pond and outflow channel and it should be connected to the nearest natural drain.
4. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.
5. The CER should be implemented in total during the first year and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.
6. The haulage road should be maintained well.
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. SIA/KL/MIN/211090/2021 , 1949/EC1/2022/SEIAA

Proposed Granite (Building Stone) Quarry in Re. Survey No:347/3 of Thachanattukara -I Village, Mannarkkad Taluk, Palakkad District, Kerala by Mannarkkad Taluk Karinkal Quarry Operators

Decision: The Committee examined the proposal and verified the documents and decided to entrust Sri. Sheik Hyder Hussain and Dr.R. Ajayakumar Varma to evaluate the documents and study the feasibility of the project, if necessary after field inspection.

9. SIA/KL/MIN/219969/2021 , 1934/EC3/2022/SEIAA

Environmental Clearance for ordinary earth mining project of Mr Biju K Peter, over an extent of 0.8245 Ha in Re-Sy No-111/13 of Aikaranad south Village, Kunnathunad Taluk, Ernakulam District, Kerala.

Decision: The Committee examined the proposal and verified the documents and decided to entrust Dr. N. Ajithkumar and Dr.R. Ajayakumar Varma to evaluate the documents and study the feasibility of the project, if necessary after field inspection.

10. SIA/KL/MIN/220733/2021 , 1930/EC4/SEIAA/2021

Environment Clearance for the Proposed Granite Building Stone Quarry of M/s. Chathamala Crushers Private Limited over an extent of 1.7424 Ha, at Block No: 83 Re-Sy. No. 5/210, 5/927, Eruvessi Village, Thaliparamba Taluk, Kannur District, Kerala State.

Decision: The Committee examined the proposal, verified the documents and decided to entrust Sri.V. Gopinathan and Dr. R. Ajayakumar Varma for evaluation of the documents, field inspection and report.

11. SIA/KL/MIN/221432/2021 , 1451/EC1/2019/SEIAA

Granite Building Stone Quarry of M/s Aloor Blue Metal Crusher Unit (Conversion ToR to EC), Pattithara Village, Pattambi Taluk, Palakkad District, Re Survey No.152,153/2,153/1,154/2A,197/1(P), Area-3.0108Ha,

Decision: The Committee examined the proposal and decided to invite the proponent for presentation. In the meanwhile the Committee entrusted Sri.S.Sheik Hyder Hussain and Dr. K. Vasudevan Pillai to evaluate the documents on behalf of the Committee and report.

12. SIA/KL/MIN/222222/2021 , 1920/EC4/SEIAA/2021

Environment Clearance for the Proposed Granite Building Stone Quarry of Mr. Haridasan for an area of 1.3050 hectares in Re Survey No. 3/1237, 3/744 of Engapuzha Village, Thamarassery Taluk, Kozhikode District, and Kerala

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr.C.C.Harilal and Dr.A.N.Manoharan to evaluate the documents submitted by the PP and conduct field inspection and report.

13. SIA/KL/MIN/222256/2021 , 1919/EC4/SEIAA/2021

Environment Clearance for the Proposed Granite Building Stone Quarry of Mr. Haridasan at Re Survey No. 3/1047, 3/1419, 3/1416, 3/1418 of Engapuzha Village, Thamarassery Taluk, Kozhikode District, and Kerala for an area of 3.5823 hectares.

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr.C.C.Harilal and Dr.A.N.Manoharan to evaluate the documents submitted by the PP and conduct field inspection and report.

14. SIA/KL/MIN/230280/2021 , 1959/EC3/2022/SEIAA

Environmental Clearance for Ordinary Earth Mining Project of Mrs.Resmi Mathew, over an extent of 0.9915 Ha in Re Sy No-306/4-2, 306/3 of Keezhmad Village, Aluva Taluk, Ernakulam District, Kerala.

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr. N. Ajithkumar and Dr. R. Ajayakumar Varma to evaluate the documents submitted by the PP and conduct field inspection and report.

15. SIA/KL/MIN/234374/2021 , 2028/EC3/2022/SEIAA

Environmental Clearance for the Ordinary Earth project of MATHEW PM for an area of 0.7186 hectares in Survey No.338/1A/17C of Keerampara Village, Kothamagalam Taluk, Ernakulam District, Kerala State

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr. N. Ajithkumar and Dr. R. Ajayakumar Varma to evaluate the documents submitted by the PP and conduct field inspection and report.

16. SIA/KL/MIN/240137/2021 , 2002/EC6/2022/SEIAA

Environmental Clearance for Ordinary earth mining project of Mr.Babu, over an area of 0.9378 Ha in Survey.No: 1441/1p/1441/1-6 of Peechi -Village, Thrissur -Taluk, Thrissur-District, Kerala.

Decision: The Committee examined the proposal and verified the documents and decided to entrust Sri. S. Sheik Hyder Hussain and Dr. A.V. Raghu to evaluate the documents and study the feasibility of the project, if necessary after conducting field inspection.

17. SIA/KL/MIN/267633/2022 , 2026/EC3/2022/SEIAA

Environmental Clearance for the Ordinary Earth Removal project of Muhammed K P for an area of 0.2830 hectares in Block-34, Re-Survey No. 215/10-6,7 of Pattimattom Village, Kunnathunad Taluk, Ernakulam District, Kerala

Decision: The Committee examined the proposal, verified the documents and decided to entrust Dr. N. Ajithkumar and Dr. R. Ajayakumar Varma to evaluate the documents submitted by the PP and conduct field inspection and report.

18. SIA/KL/MIN/271866/2022 , 2036/EC2/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr Jaleel. S, over an extent of 0.1155 Ha in Re Survey No. 241/2-24, 241/3-26 in Thamarakkulam Village, Mavelikkara Taluk, Alappuzha District, Kerala.

Decision: The Committee examined the proposal, verified the documents and appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha. Based on discussions, the Committee decided to recommend EC for a period of one year with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site
3. The excavation activity should be restricted to 2m above the ground water table at the site
4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.

15. CER should be implemented as per rule.
16. 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).

19. SIA/KL/MIN/277739/2022 , 1223/EC2/2019/SEIAA

Environment Clearance for the Proposed Granite Building Stone Quarry of Mr. Haridas P.G, over an extent of 0.9345 Ha in Sy. No. 156/1(P) & 156/2(P), Own Patta Land at Karimkunnamm Village, Thodupuzha Taluk, Idukki District. of Kerala State (Older physical file recommended as per 128th SEAC meeting)

Decision: The Committee decided to adhere to the decision No. 128.14 taken in its 128th meeting.

20. SIA/KL/MIN/277892/2022 , 916/A1/2019/SEIAA

Environmental clearance for removal of ordinary earth in Sy.No.270/6 & 270/3 at Kulakkada Village, Kottarakkara Taluk, Kollam District by Sri.Thambu.S (Older physical file recommended as per 126th SEAC meeting)

Decision: The Committee decided to adhere to the decision No. 126.46 taken in its 126th meeting.

21. SIA/KL/MIN/277955/2022 , 929/A1/2019/SEIAA

Environmental clearance for mining of brick clay in Sy.No. 111/1 & 111/2 in Puthoor Village, Kottarakkara Taluk, Kollam District by Sri.P.Sundaran(Older physical file recommended as per 126th SEAC meeting)

Decision: The Committee decided to adhere to the decision No. 126.46 taken in its 126th meeting.

22. SIA/KL/MIN/280322/2022 , 2038/EC6/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Sri. Muhammed Faisal. K, over an extent of 0.2914 Ha, Re-Survey No 82/1-40(82/1) in Kurumbathur Village, Tirur Taluk, Malappuram District, Kerala.

Decision: The Committee examined the proposal, verified the documents and appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha. Based on discussions, the Committee decided to recommend EC for a period of one year with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site
3. The excavation activity should be restricted to 2m above the ground water table at the site

4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. CER should be implemented as per rule.
16. 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).

23. SIA/KL/MIN/280933/2022 , 1419/EC1/2019/SEIAA

Granite Building stone from Re Survey Nos. 1/9, 2/4A, 2/4B of Ottappalam- I Village, Ottapalam Taluk, Palakkad District of Mr. Suresh Babu. Conversion from TOR to EC -Recommended in 129th SEAC

Decision: The Committee decided to adhere to the decision of Part 1, Item No.3 taken in its 129th meeting.

24. SIA/KL/MIN/36040/2019 , 1374/EC2/2019/SEIAA

Environment Clearance for mining of Granite Building Stone Quarry of M/s. Pala Metals and Sands Pvt Ltd, over an extent of 9.6560 Ha. (23.8599Acres) Re – Survey Block No.34, Re -Sy.No. 126/1, 128/1, 128/1-1, 128/2, 128/3,128/3-1, 128/3-2, 128/4, 129/4, 126/2, 126/5, 127/2, 132/8,129/1, 129/1-1, 129/2, & 129/3in Bharanganam Village, Meenachil Taluk, Kottayam District, Kerala State (ToR Approved proposal)

Decision: The Committee examined the proposal and decided to entrust Dr. N. Ajithkumar and Dr. A. Bijukumar to evaluate the documents submitted by PP on behalf of the Committee and report.

25. SIA/KL/MIN/71717/2019 , 1518/EC4/2019/SEIAA

Environment Clearance for mining Granite building stone quarry (minor mineral) mining project of M/s United Granite is situated at Survey. No. 301/2, 285/1-2 in Muzhuvannur Village, Block No.29 and Survey No.410/8-2, 410/7-2, 410/5-2 in Arackappady village Block No.28, Knnathunad Taluk, Ernakulam District, Kerala State of area 4.7134 Ha (ToR Approved proposal)

Decision: The Committee examined the proposal and decided to entrust Sri.S.Sheik Hyder Hussain and Smt. Beena Govindan to evaluate the documents submitted by PP on behalf of the Committee and report.

26. SIA/KL/MIN/72018/2019 , 1470/EC3/2019/SEIAA

Granite/building stone quarry (minor mineral) mining project of Shri. P.V Santhosh is situated at Survey. No. 279/2, 279/3-1, 279/3-2, 278//1-1, 278/1-3, 278/1-2, 284/2-2, 284/2-3, 284/2-4, 284/2-1 in Mazhuvannoor Village, Block No. 29, Kunnathunad Taluk, Ernakulam District, Kerala State of area 4.7668 Ha. (ToR Approved proposal)

Decision: The Committee examined the proposal and decided to entrust Dr.K.Vasudevan Pillai & Dr.C.C.Harilal to evaluate the documents submitted by PP on behalf of the Committee and report.

27. SIA/KL/MIN/74360/2019 , 1446/EC3/2019/SEIAA

Environmental Clearance for proposed Building Stone Mine quarry project of Sri Eldho Kuruvilla (ML area = 2.3337 ha) at Mazhuvannoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala. (Deemed ToR claiming by proponent)

Decision: The Committee examined the proposal and decided to entrust Dr.Mahesh Mohan and Dr.Ajayakumar Varma to evaluate the documents submitted by PP on behalf of the Committee and report.

28. SIA/KL/MIN/74384/2020 , 1667/EC3/2020/SEIAA

Environmental Clearance for the proposed Building Stone Mine quarry project of Sri. P.K. Prasad for an area of 2.1235 ha Mazhuvannoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala (ToR Approved proposal)

Decision: The Committee examined the proposal and decided to entrust Dr.Mahesh Mohan and Dr.Ajayakumar Varma to evaluate the documents submitted by PP on behalf of the Committee and report.

29. SIA/KL/MIN/279900/2022 , 2039/EC6/2022/SEIAA

Environmental Clearance for the Laterite Building Stone quarry project of Sri.Muhammed Faisal Kannadan for an area of 0.1943 Ha in Sy.No.82/1-23 in Kurumbathur Village, Tirur Taluk, Malappuram District

Decision: The Committee examined the proposal, verified the documents and appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha. Based on discussions, the Committee decided to recommend EC for a period of one year with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site
3. The excavation activity should be restricted to 2m above the ground water table at the site
4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. CER should be implemented as per rule.
16. 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).

PART 5

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Environmental Clearance for the Building Stone quarry situated at Situated 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

Decision: As invited Sri.Premarajan on behalf of the proponent with authorization letter and Sri.Haneesh Panicker on behalf of ABC technolabs and RQP Sri.Kantharaj were present before the Committee and made the presentation. The Committee heard the presentation and entrusted Dr.C.C.Harilal, Dr.A.N.Manoharan and Sri.Sheik Hyder Hussain to study the EIA report and carry out field inspection and report.

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

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

Decision: As invited Sri.Premarajan on behalf of the proponent with authorization letter and Sri.Haneesh Panicker on behalf of ABC technolabs and RQP Sri.Kantharaj were present before the Committee and made the presentation. The Committee heard the presentation and entrusted Dr.C.C.Harilal, Dr.A.N.Manoharan and Sri.Sheik Hyder Hussain to study the EIA report and other documents and carry out field inspection and report.

3. SIA/KL/MIN/269091/2022 , 1975/EC4/2022/SEIAA

Environmental Clearance for Proposed Granite Building Stone Quarry of M/s Megha Engineering & Infrastructure Ltd, for an extent of 2.1854 Ha, at Re Survey number 74/772, 74/151,74/154,74/152, 74/1D of Kuttur Village, Payyannur Taluk, Kannur District, Kerala

Decision: As invited, the Sri. Prabhakar, representing the proponent and RQP Sri. S.Mahesh were present. The RQP made the presentation. The Committee heard the presentation and decided to entrust Dr. R. Ajayakumar Varma and Sri. V. Gopinathan for field inspection and report.

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

Building Stone Minor Mineral Mining (Quarry) project of Mr. Sreelath T. Is located for an area of 1.7613Ha in Re-Survey Block No. 7, Re-Survey Nos. 93/27, Rarothe Village, Thamarassery Taluk (Previously in Kozhikode Taluk), Kozhikode District, Kerala

Decision: As invited, Sri. Srilath, the Proponent and the Consultant Sri. P.Z.Thomas were present. The consultant made the presentation. The Committee heard the presentation and decided to entrust Dr. A.N. Manoharan and Dr. C.C. Harilal to study the EIA report and other documents and carry out field inspection and report.

The meeting ended at 5.30 pm on 6th July 2022.

It is decided to convene the next meeting of SEAC from 5th – 6th August, 2022.

**Sd/
Suneel Pamidi, IFS
Secretary, SEAC**

**Sd/
Dr. Ajayakumar Varma
Chairman, SEAC**

List of members who attended the SEAC meeting

Sl. No.	Name	04.07.2022	05.07.2022	06.07.2022
1.	Shri. Sheik Hyder Hussain	✓	✓	✓
2.	Dr.A Bijukumar.	✓	✓	✓
3.	Dr. A.N. Manoharan	✓	✓	✓
4.	Shri M. Dileepkumar	✓	✓	✓
5.	Smt Beena Govindan	✓	✓	✓
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	✓	✓	X
12.	Dr.N.Ajithkumar	✓	✓	✓
13.	Shri.Suneel Pamidi IFS (Secretary)	✓	✓	✓
14.	Dr. R. AjayakumarVarma (Chairman)	✓	✓	✓