

MINUTES OF THE 157th MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), KERALA HELD FROM 16th, 17th & 18th JANUARY 2024, IN THE CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

The meeting started at 10.00 AM on 16th January 2024. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. The Committee discussed the following agenda items in detail and took the following decisions:

PHYSICAL FILES

Item No.157.01 **Noting of the minutes of 155th SEAC meeting held on 18th & 19th December 2023.**

The Committee noted and confirmed the minutes of the 155th meeting of the SEAC.

Item No.157.02 **Environmental Clearance issued to the Granite building stone quarry of Shri. Jilmon John, Managing Director, M/s Gimsak Developers Pvt.Ltd. for an area of 2.2430 Ha at Re Survey Nos 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki - Complaints received (File No.1388/EC2/2019/SEIAA)**

Decision: The Committee examined the direction of the Authority in its 135th SEIAA meeting and noted the complaints received from multiple sources and the decisions of previous SEIAA/SEAC meetings. The Authority observed that the project proponent had withdrawn the application for revalidation. The Authority also observed that during the appraisal of the revalidation application, the SEAC entrusted a Sub-Committee to conduct field verification to assess the EC compliance status and then it was cancelled due to the withdrawal of the revalidation application. In this circumstance, the Authority referred the case to SEAC with direction to conduct the field inspection and take appropriate decisions and recommend the same to SEIAA as per existing norms/rules considering the environmental conditions of the project area. SEAC shall also have the liberty to hear the complainants during the inspection of the project area.

As per the direction of SEIAA, The Committee decided to entrust Dr. R. Ajayakumar Varma and Dr. Mahesh Mohan for field inspection and report. The Committee also decided to hear all the complainants, while conducting field inspection at the project area. Notice regarding the hearing and field visit to the project proponent and the complainants shall be given 7 days before the field visit.

Item No.157.03 **Complaint received against the Granite Building Stone Quarry Project of Sri. N V Ashok Kumar at Block No.26, Re Survey No.140/3-1, in Enadimangalam Village, Adoor Taluk, Pathanamthitta (File No.1673/EC1/2023/SEIAA)**

Decision: The Committee examined the complaints, RDO report and the direction of the SEIAA. The Authority in its 135th SEIAA meeting considered the report of the Tahasildar dated 14.11.2023 and the complaints received from Sri. P. K. Thomas, Smt. Bijini Sajan and Sri. K.G. Rajan received on different dates. The Authority noticed that the EC was issued by the DEIAA. As per the report of the Tahasildar, there are several houses and other built structures within the 50m of the project area. In these circumstances, the Authority decided to refer the complaints to the SEAC to inspect the site to verify the compliance status and report. The Authority also directed the Committee to hear the complainants during the inspection of the project area. **The Committee decided to entrust Smt. Beena Govindan and Dr. N. Ajithkumar for field inspection, hearing the complainants and report. Notice regarding the hearing and field visit to the project proponent and the complainants shall be given 7 days before the field visit.**

Item No.157.04 **EC issued to the Granite Building Stone quarry of M/s. Delta Aggregates & Sands Pvt. Ltd. for an extent of 3.7691 Ha. at Survey. Nos. 889/1-15-1 & 889/1-15, in Perunad Village, Ranni Taluk, Pathanamthitta - Interim order dated 25.10.2022 in WP(C) No.33896 of 2022 filed by M/s. Delta Aggregates & Sands Pvt. Ltd (SIA/KL/MIN/163854/2020; 1773/EC1/2020/SEIAA)**

Decision: The Committee examined the direction of the Authority in its 135th SEIAA meeting that the project proponent has submitted the requisite documents i.e., the Certificate of Tahasildar dated 16.05.2023 and with the cadastral level map of the village depicting the project area. The Authority referred the case back to SEAC for appraisal as per the decision of its 123rd meeting (Item No. 123.29) and as per the existing Supreme Court order relevant to the project and to consider the complaint also while appraising the proposal. **The Committee scrutinized the additional documents and found them acceptable. The Committee also examined the complaint submitted by Sri. T. V. Shaji, and found that it is general in nature and does not pose any specific issue. Moreover, the concern highlighted regarding the ecological aspects has been considered while appraising the project and specific conditions incorporated in the EC. Therefore, the Committee decided to stick on to its earlier decision to recommend EC subjected to the decision of the SEIAA on the complaint submitted by Adv. Harish Vasudevan.**

Item No.157.05

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K.K. Radhakrishnan, Managing Director, M/s Chathamala Crusher Private Limited, Kannur - Request for reconsideration of rejected application.

(Proposal No: SIA/KL/MIN/220733/2021 File No: 1930/EC4/2021/SEIAA)

Decision: The Committee examined the direction of the Authority in its 135th SEIAA meeting that the rejection order was issued to the project proponent on the basis of Precautionary Principle as recommended by the SEAC. Now the project proponent requested to reconsider his application and the Authority directed the SEAC to hear the project proponent and examine the clarifications provided by the project proponent. Accordingly, **the Committee decided to hear the Project Proponent. The Committee also decided to entrusted the sub-committee consisting of Sri. V Gopinathan and Dr. A N Manoharan to examine the clarification provided by Project Proponent.**

Item No.157.06

Monitoring the functioning of quarry of M/s Adani Vizhinjam Port Pvt. Ltd- Field Inspection Report -reg (File No.1200/EC2/2018/SEIAA)

Decision: The Committee examined the direction of the Authority in its 135th SEIAA meeting and noted that the complaint against the project which necessitated close monitoring of the project activities has been withdrawn. The Authority in its 105th meeting decided to constitute a monitoring team consisting of an Expert member from SEAC (Team leader) nominated by Chairman SEAC, District Geologist and a responsible senior functionary nominated by M/S Adani Vizhinjam Private Ltd, to monitor the functioning of the quarry. The team will inspect the quarry at least once in 3 months and prepare an inspection report. The Authority directed the following:

1. Since, the monitoring team was constituted by designation, there is no need to reconstitute further, and the SEAC has the liberty to nominate any member of SEAC as the Chairman of the Monitoring Committee.
2. Even though, the complaint against project has been withdrawn, it is advisable to monitor the compliance status of the project once in 6 months rather than once in 3 months.
3. Since, the last field inspection was conducted on 12.11.2022, about 1 year back, the Monitoring Committee shall inspect the project site at the earliest and report the compliance status of the observations made by SEAC in its 135th meeting. **In the above circumstances, the Committee based on discussions, decided the following:**
 - 1) **Nominated Sri. M. Dileepkumar as the Chairman to Monitoring Committee.**
 - 2) **The Monitoring Committee shall conduct site visit at the earliest.**

Item No.157.07 **Environment Clearance to Sri. Joby John for the Granite Building Stone Quarry for an area of 0.7300 Ha in Re Sy. Nos. 382/1 & 382/5 Padichira Village, Sulthan Bathery Taluk, Wayanad, Kerala Rejected- Judgment in WP(C) No. 14020/2023 dated 26.07.2023 (SIA/KL/MIN/140590/2020, 1791/EC2/2020/SEIAA)**

Decision: The Committee noted that the Authority in its 133rd meeting, decided to accept the undertaking of the Project Proponent and decided to refer the proposal to SEAC to give a fresh recommendation in the light of the judgment dated 26.07.2023 of the Hon'ble High Court in WP(C) No. 14020/2023. **The Committee examined the affidavit submitted by the Proponent and found it satisfactory. The Committee also decided to entrust Dr. C.C. Harilal to verify the additional documents submitted including the proof of application submitted before the NBWL for wild life clearance.**

Item No.157.08 **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 SEAC in its 155th meeting examined the proposal and noted certain important observations. The Committee also decided to request SEIAA to hear the proponent and provide a clear direction whether to undertake the violation proceedings for the 3rd, 4th & 5th block or for the entire project and also whether to consider the claim of proponent that he has reported the violation prior to notifying the violation by the SEAC. Now the Committee noticed the judgment of the Hon. High Court dated 06.10.2023 on WA No.617/2023 against the order dated 20.10.2021 in RP No.469/2021 in WP(C) No.3870/2020. In continuation to the decisions in 155th SEAC, the Committee decided to consider the judgment dated 06.10.2023. The judgment rejected the contention of the petitioner that environmental clearance is not required for their project. The judgement also rejected the contention that the petitioner is deemed to have been issued environmental clearance in terms of clause 8 of the EIA Notification as the Expert Appraisal Committee has not submitted their final recommendations to the Regulatory Authority at all. The judgement also justified the steps initiated by the SEIAA and SEAC against the petitioner for violation of the EIA Notification. The Hon. Court also stated that the contention that the last three blocks of the project is liable to be treated as expansion of the completed two blocks for the purpose of the EIA Notification, is unsustainable in law. **Hence, the violation of EIA Notification, 2006 by the proponent is confirmed. Therefore, as against the decision of the 155th meeting of the SEAC on the said project, it is now clear that the Proponent has violated the EIA Notification and the action taken by the SEIAA and SEAC to proceed**

against the project is correct. However, in accordance with the stay imposed by the Hon'ble Supreme Court with reference to the SoP dated 07.07.2021 and OM dated 28.01.2022, as communicated in the OM dated 8.1.2024, the Committee cannot consider the application at present. The Committee decided to intimate the matter to SEIAA.

PARIVESH FILES

PART – 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1 **Environmental Clearance for the Commercial Complex Project to be developed by Sri. Mohamed Fazim. P, M/s Nilambur Lands LLP at Survey Nos. 145 & 149 in Mampad Village, Nilambur Taluk, Malappuram. (SIA/KL/INFRA2/430386/2023, 2309/EC6/2023/SEIAA)**

Decision: The Committee examined the proposal and discussed the field inspection report conducted on 06-11-2023. The project was presented before the SEAC in its 151st meeting. The Committee noted that the plot area is 2.5204 ha (25,204m²) and the built-up area is 80,950 m². The proposal is to construct a Commercial retail shop, Multiplex (1500 seats), Food court (1200 seats), Restaurant (300 seats) along with supporting infrastructure facilities. The maximum height of the building is 30m and the project cost is 100 Crore. As per the application, all the excavated earth will be consumed within the site. There is a small deep pond bordering the north-western boundary of the site which requires protection. The run-off from the site is not found channelized to the natural drain. There are 12 specific conditions stipulated in the field inspection report. Based on discussions, the committee decided to direct the proponent to submit the following additional documents.

1. Details of the plan for construction of the pond in the low lying nilam area on northern side for accommodating the drainage water along with nature of possession of the land.
2. Geo-tagged location of new well for compensating the filling up of existing well which is located in the proposed area of development.
3. Plan of the protection wall on north-western side.
4. Revised EMP incorporating the CER as per norms.

Item No.2 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Ashraf. P for an area of 2.3203 Ha at Re.Sy.No.172 in Kodyathur Village, Kozhikode Taluk, Kozhikode (SIA/KL/MIN/138725/2020 1653/EC4/2020/SEIAA)**

Decision: The Committee examined the additional documents submitted by the project proponent and found them satisfactory except the site proposed for OB dumping and lack of ownership details in the compensatory afforestation plan proposed. The Committee noted that the project was presented before the Committee in its 141st SEAC meeting and the Field Inspection was conducted on 05.08.2023. The proposal is to extract 4,46,774 MT from the steep sloping site with elevation difference is 190m MSL to 95m MSL. The lowest bench is at 130m above MSL and there will not be mine void developed due to mining. The depth to water table is 4m bgl or 85m above MSL. As per the cluster certificate dated 18.5.2022, there is no cluster situation. The life of mine proposed is 10 years. The boundary pillar BP1 is located in Medium Hazard Zone. **Based on discussions, the Committee decided to direct the Proponent to submit the following additional details/documents**

1. Revised location and plan for OB dumping as the site proposed is located in a steep slope near the moderate hazard zone
2. Ownership details of the proposed land for compensatory afforestation.
3. Approval of the district level crisis management committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05-2014 as portion of the site falls in moderate hazard zone

Item No.3 **Environmental Clearance for the Granite (Building Stone) Quarry of Sri. Muhammed Abdul Basheer for an area of 0.3171Ha at Sy. No. 5/7, 6/1B1 in Pattithara Village, Pattambi Taluk, Palakkad, Kerala SIA/KL/MIN/143579/2020, 1831/EC1/2020/SEIAA**

Decision: The Committee 147th meeting of the SEAC recommended EC for the proposal for three years subject to certain conditions. The 131st meeting of the Authority perused the proposal and observed that after leaving the buffer distance a scientific mining may not be possible in such a small area. Since SEAC has studying the environmental feasibility of mining in small areas, the Authority decided to defer the proposal till the receipt of the report from the SEAC. The 134th SEIAA meeting decided to consider proposals for mining in less than 0.5 Ha submitted before 13th November 2023 as a special case. Accordingly, the Committee re-appraised the proposal. The proposed site has an area of 3171 m² and after leaving the stipulated buffer, the mineable area is only 1590 m². After mining to a depth of 10m, with two benches of 5m width and depth for each bench, the area left within the pit is 1024 m². All together the minimum area required for operating the essential machines, setting the blasting array, and storage of materials on a day-to-day basis is about 865 m². Therefore, the mining can be

permitted for two benches of 5m height each (i.e., 10m below the overburden). Based on discussions, the Committee decided to recommend EC as a special case subject to the following Specific Conditions in addition to the General Conditions:

1. The mining should be limited to a maximum depth of 10 m below ground level (2 Benches).
2. The quantity to be extracted and life of mine should be restricted accordingly.
3. Implementation of the CER Plan should be completed during the first year itself and its operation and maintenance should be done till the implementation of mine closure plan.
4. Development of green belt and compensatory afforestation should be initiated prior to the commencement of mining using indigenous species.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
6. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
8. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
9. Geotagged Photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
11. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
13. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
14. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
15. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
16. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

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

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

Decision: The 151st meeting of the SEAC recommended EC for the project for 10 year subject to certain specific conditions. The 135th meeting of the SEIAA held on 22nd & 23rd December 2023 observed that the SEAC in its 131st meeting directed the project proponent to submit clarifications /documents / reports on certain aspects with respect to ToR, as the project proponent failed to attend many of the aspects of the ToR. Even though the project proponent submitted his clarifications on 30.07.2023, the EIA report has not been modified accordingly. Besides, the findings of the additional study and the mitigation measures for the same have not been incorporated in the recommendation of the SEAC. Further, though it is mentioned that TOR conditions are complied, a careful reading of report of SEAC member, itself reveals that many of the conditions are not complied. Hence SEAC may consider presentation of modified EIA report in relation to TOR, including additional mitigation measures to protect the environment. In addition, the vibration study conducted by NIT Suratkal also has made some recommendations, which is not reflected in the final recommendation. Further there is a complaint by Sri Raju. R. Kadakkayam Valiyaveedu, President, Sree Mahakalipara Devaswom, Thampalakkadu PO, Kottayam on the functioning of the quarry. In the above circumstances, the Authority referred the proposal to SEAC for a fresh recommendation considering the revised EIA report, vibration study report by NIT, Suratkal and after hearing the Complainant.

As per the direction of the Authority, the Committee heard the Complainant Sri. Raju R., President, Shree Mahakalipara Devi Temple, Sri. Rajesh K.G. and Sri. P. Jayakumar. The complainant stated that the application submitted by the Project Proponent had suppressed certain facts that perennial river within 44 m of the quarry, village road abutting the mine lease area, bogus site plan issued by Village Officer, Kanjirappally, misuse of exempted lands for quarrying purpose, non-compliance to noise, vibration, air and water pollution control measures, residential house within 50 m of the quarry boundary, non-addressing of issues raised in public hearing and unsafe condition of the existing quarry due to vertical/steep cutting faces. **The Committee decided to direct the complainants to submit a detailed hearing note with all supporting documents within 7 days.**

Further, the Committee discussed the observations of the SEIAA in its 135th SEIAA meeting. Accordingly, the Committee decided to direct the Proponent to ensure total compliance of the ToR conditions, modify the EIA report in total compliance of ToR conditions and incorporate additional mitigation measures and submit and present the revised EIA report before the SEAC. The Committee also decided to direct the Proponent to provide his remarks with supporting documents, on the complaints against the proposed project. The Committee directed the SEIAA Secretariat to provide a copy of the complaint to the project proponent.

Item No.5 **Environment clearance to Sri. Udayan S. for Granite Building Stone Quarry for an area of 0.4445 Ha in Survey Nos. 41/6-2, 41/7pt , 41/8pt, 41/9-3, 41/9-4-1 & 41/9-4-1-2 in Velinalloor Village, Kottarakara Taluk, Kollam District (SIA/KL/MIN/165802/2020, 2191/EC2/2023/SEIAA)**

Decision: The SEAC in its 147th meeting, recommended EC for the project with the project life of 1 year subject to certain conditions. The SEIAA in its 135th SEIAA meeting referred back the proposal to SEAC for reappraisal in the light of the decision taken by SEIAA in its 134th meeting regarding the minimum area for safe mining. The Committee noted that the proposal was submitted by the project proponent before 13th November 2023. The proposed site has an area of 4445 m² and after leaving the stipulated buffer, the mineable area is only 2193 m². All together the minimum area required for operating the essential machines, setting the blasting array, and storage of materials on a day-to-day basis is about 865 m². The site is almost triangular in nature which is an additional constraint in planning and executing the mining. Based on evaluation, the Committee decided that the mining can be permitted for three benches of 5m height each (i.e., 15m below the overburden). **Based on discussions, the Committee decided to recommend EC as a special case subject to the following Specific Conditions in addition to the General Conditions:**

1. The mining should be limited to a maximum depth of 15 m below ground level (3 Benches).
2. The quantity to be extracted and life of mine should be restricted accordingly.
3. Implementation of the CER Plan should be completed during the first year itself and its operation and maintenance should be done till the implementation of mine closure plan.
4. Development of green belt and compensatory afforestation should be initiated prior to the commencement of mining using indigenous species.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
6. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle

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

7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
8. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
9. Geotagged Photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
11. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
13. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
14. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
15. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
16. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
17. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.6 **Environmental Clearance for the Granite Building Stone Quarry project of Sri. Kurian Jose for an area of 4.0425 ha at Sy. Nos. 340/1AS/75/6/2, 340/1A/S/75/6/3/2, 340/1A/S/75/6/9, 340/1A/S/75/6/10 in Kottappady Village, Kothamangalam Taluk, Ernakulam (SIA/KL/MIN/291267/2022, 2116/EC3/2022/SEIAA)**

Decision: The Committee noted that the decision of the Authority in its 135th SEIAA meeting to refer back the proposal to SEAC to give a definite recommendation after relooking the aspects:

1. In the PFR, Form IM and other documents, the project proponent discloses that 75 there is a thodu near around 400 m. But the field inspection report states that there is a

- bridge across the stream at 65 m North West of the project site. Therefore, the project proponent has hidden the fact in the application.
2. The ultimate depth after mining is 35 m above MSL and in the field inspection report it is stated that the stream bed level is at 55 m above MSL.
 3. Impact of comparatively high overburden thickness, which is up to 3m.
 4. Steep slope near N-E and N boundaries of project area (Near BP 10, BP 11 and BP 1, Near BP 8 and BP 7).

The committee examined the observations of SEIAA and noted the following:

- a. The Project proponent should explain the reason for hiding the facts in the application (PFR & Form 1M) that a “thodu” is located near 400m though the actual distance is only 78.3m (as per certified survey report).
- b. The distance to the bridge as 65m is as per filed level observation
- c. The Field Inspection report stated that the stream bed level is 55m AMSL as interpreted from google image. However, as per the toposheet data, the stream bed level is 34m AMSL. The ultimate depth of mine proposed is 35m AMSL which was considered permissible considering the field situation. However, it is desirable to limit the depth to 37m AMSL
- d. During the Field Inspection, the impact of comparatively high overburden thickness (3ms) at patches and steepness of slope near north-east and northern boundaries were considered and it was not found necessitating any specific precaution other than the normal safeguards. However, it is desirable to provide uninterrupted drainage facility in the project area.

In the circumstance, the Committee decided to direct the Proponent to explain the reason for hiding the facts in the application (PFR & Form 1M) that a “thodu” is located near 400m though the actual distance is only 78.3m (as per certified survey report).

Item No.7 Environmental Clearance for the Granite Building Stone Quarry project of Sri. K. M. Salim for an area of 0.3840 Ha. at Survey No 202 (P) in Killimangalam Village, Thalappilly Taluk, Thrissur (SIA/KL/MIN/40868/2019, 1447/EC2/2019/SEIAA)

Decision: The 143rd meeting of the SEAC decided to recommend EC to the proposal for 2 years, subject to certain conditions. The Authority in its 135th SEIAA meeting considered the recommendation of SEAC with regard to minimum area required for mining ensuring environmental safeguards and referred back to SEAC for reappraisal in the light of the decision taken by SEIAA in its 134th meeting. The Committee noted that the proposal was submitted by the project proponent before 13th November 2023. The proposed site has an area of 3890 m² and after leaving the stipulated buffer, the mineable area is only 2077.5 m². After mining to a depth of 15m, with three benches 5m width and depth each, the area left within the pit is 869 m². All together the minimum area required for operating the essential machines, setting the blasting

array, and storage of materials on a day-to-day basis is about 865 m². Therefore, the mining can be permitted for three benches of 5m height each (i.e., 15m below the overburden). Based on discussions, the Committee decided to recommend EC as a special case subject to the following Specific Conditions in addition to the General Conditions:

1. The mining should be limited to a maximum depth of 80m above MSL, i.e. 15m below ground level (maximum of three benches of 5m height each)
2. The quantity to be extracted and life of mine should be restricted accordingly.
3. Implementation of the CER Plan should be completed during the first year itself and its operation and maintenance should be done till the implementation of mine closure plan.
4. Development of green belt and compensatory afforestation should be initiated prior to the commencement of mining using indigenous species.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
6. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
8. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
9. Geotagged Photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
11. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
13. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
14. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
15. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.

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

Item No.8 **Environmental Clearance for the Granite Building stone quarry of Sri. Pradeep Kumar S, Managing Partner, M/s RKP Minerals and Metals Private Ltd for an area of 0.4790 Ha at Block no.30, Re Survey No. 233/2-3-1, 233/2-5-1, 233/2-2, 233/6, 233/6- 1, 234/5, in Thekkada Village , Nedumangad Taluk, Thiruvananthapuram, Kerala.**
(SIA/KL/MIN/414351/2023, 2210/EC1/2023/SEIAA)

Decision: The SEIAA in its 135th meeting perused the proposal. The Authority observed that considering the viability of mining in area less than 0.5 Ha, the SEAC in its 151st meeting recommended rejection of the proposal. The Authority in its 134th meeting also accepted the recommendation of the SEAC to ensure environmental safeguards and taken a decision that all the active / live applications with area 0.5 Ha or less received and pending for the appraisal by SEAC need not be appraised further. The Authority also examined the request of the project proponent dated 11.11.2023 requesting to reconsider the proposal and directed the SEAC to hear the project proponent and offer its recommendations accordingly. **As per the decision of the Authority Committee decided to hear the proponent.**

Item No.9 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Abdu Rahoof for an area of 3.2586 Ha at Resurvey No. 104/2B-5,104/2B 7,104/2B-4,104/2B-38 ,Block No.2 in Kannamangalam village, Thirurangadi taluk, Malappuram.**
(SIA/KL/MIN/414508/2023, 1763/EC6/2020/SEIAA)

Decision: The Committee discussed the field inspection report conducted on 05-08-2023. The mineable reserve is 20,02,795 MT and the life of mine is 20 years. The proposed project cost is 295 lakh. The site is located on top of the Korimala, adjacent to another mine. The elevation of the site varies from 295-355m above MSL (pre-mining) and 270-355m above MSL (post-mining). The depth to water table in the lower slope region is 5m below ground level. The nearest house is at 175m from the project boundary. A portion of the proposed site falls in moderate hazard zone. **The committee after detailed evaluation of the documents and FIR decided to direct the proponent to submit the following additional documents.**

1. Detailed traffic management plan based on Transportation study within the impact zone.
2. Cumulative impact considering the carrying capacity of the cluster with respect to the terrain characteristics, environmental quality and road traffic.

3. Comprehensive EMP considering the mitigation measures drawn based on the cumulative impact along with responsibility map.
4. Geotagged photos of the well locations along with elevation and distance to well locations from the project boundary.
5. Detailed Compensatory afforestation plan with geotagged photos of the proposed land and ownership details along with species proposed to be planted.
6. Detailed drainage plan considering the slope and terrain fragility of the site
7. Source of water, its sustainable yield and management plan
8. Detailed plan for management of loose boulders in the site.
9. Approval of the District Level Crisis Management Committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05-2014 as a portion of the site falls in moderate hazard zone.
10. Digital elevation model and its interpretation in terms of critical nature of slope hazard vulnerability.

Item No.10 Environmental Clearance for the Granite Building Stone Quarry project of Sri. A M Chackochan, M/s Aishwarya Granites for an extent of 0.6803 Ha at Re-Sy. No. 121/2 part in Elamadu Village, Kottarakkara Taluk, Kollam. (SIA/KL/MIN/422678/2023, 1675/EC2/2020/SEIAA)

Decision: The Committee noted that the Authority in its 135th SEIAA meeting perused the proposal and observed that the same project proponent has obtained several other Environmental Clearances within the Project region. Therefore, the Authority is of the opinion that for environmental safeguards, the entire area needs to be considered as a single entity and by considering all the ECs, an Integrated EMP has to be prepared by the project proponent to treat the entire area as one unit and the SEAC shall give final recommendation after appraising the Integrated EMP submitted by the project proponent. **The Committee agreed to the opinion of the SEIAA. Accordingly, it is decided to direct the Project Proponent to prepare and submit an Integrated EMP by considering all the projects of the Proponent in the area as a single entity for ensuring comprehensive environmental safeguards of the entire area.**

Item No.11 Extension of validity of Environmental Clearance for Laterite Building Stone Quarry of Sri. Muraleedharan L at survey No. 467/8-2 over an area of 0.1158 Ha in Naduvathoor Village, Kottarakkara Taluk, Kollam (Old Proposal No.SIA/KL/MIN/276929/2022, 540/A1/2019/SEIAA) (New Proposal No. SIA/KL/MIN/424274/2023)

Decision: The Committee noted that the Authority in its 135th meeting forwarded the documents submitted by Project proponent on 28.11.2023 to SEAC with a direction to continue

the appraisal on its merits, after getting the missing documents if any from the project proponent through PARIVESH portal. The SEAC in its 152nd meeting observed that certain essential documents were not uploaded along with the application and the matter was intimated to SEIAA. **Based on discussions, the Committee decided to invite the proponent for presentation. The presentation shall include details of the additional documents sought by the Committee in its earlier meeting.**

Item No.12 Environmental Clearance for the Building Stone Quarry project of Sri. Asokan N for an area 0.2448 Ha at Sy. Nos. 7/1 part & 7/20 part in Veliyam Village, Kottarakara Taluk, Kollam. (SIA/KL/MIN/43206/2019, 1489/EC2/2019/SEIAA)

Decision: The SEAC in its 136th meeting, recommended EC for 1 year to the proposal subject to certain conditions. The Authority in its 135th SEIAA meeting referred back the proposal to SEAC for reappraisal in the light of the decision taken by SEIAA in its 134th meeting regarding mining in project area less than 0.5 Ha. The Committee noted that the proposal was submitted by the project proponent before 13th November 2023. The proposed site has an area of 2448 m² and after leaving the stipulated buffer, the mineable area is only 943 m². All together the minimum area required for operating the essential machines, setting the blasting array, and storage of materials on a day-to-day basis is about 865 m². Based on evaluation, the Committee decided that the mining can be permitted for only one bench of 5m height (i.e., 5m below the overburden). **Based on discussions, the Committee decided to recommend EC as a special case subject to the following Specific Conditions in addition to the General Conditions:**

1. The mining should be limited only to a maximum depth of 5 m below ground level (one bench of 5 m height).
2. The quantity to be extracted and life of mine should be restricted accordingly.
3. Implementation of the CER Plan should be completed during the first year itself and its operation and maintenance should be done till the implementation of mine closure plan.
4. Development of green belt and compensatory afforestation should be initiated prior to the commencement of mining using indigenous species.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
7. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.

8. Geotagged Photographs of the progress of compensatory afforestation should be submitted along with HYCR
9. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
10. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
11. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
12. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
13. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
14. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
15. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
16. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.13 Environmental Clearance for the Granite Building Stone Quarry of Sri. Stephen Joseph, Managing Director, M/s Crystal Aggregates Pvt. Ltd for an area of 0.9108 Ha at Survey No: 508/3/2, 510/3B/2 located in Thirumarady Village, Muvattupuzha Taluk, Ernakulam (SIA/KL/MIN/434752/2023, 2417/EC1/2023/SEIAA)

Decision: The Authority in its 135th SEIAA meeting noticed that the project proponent had submitted a project proposal earlier (SIA/KL/MIN/153262/2020; 1825/EC3/2020/SEIAA) which was rejected in its 119th meeting due to the presence of built structures within 50m of the project site as per the recommendation of SEAC. The Rejection Order was issued on 17.11.2022. The project proponent submitted a new project proposal and the Committee in its 152nd meeting observed that the baseline monitoring data is more than three years old and the Committee decided not to accept the application. Now the project proponent vide his request dated 23.11.2023 stated that a new application is submitted after clearing all the structures within 50m and with the latest baseline monitoring data. The Authority referred the proposal to SEAC for further appraisal after getting the additional documents if any from the project proponent in Parivesh Portal, on its merit. **Based on discussions, the Committee decided to invite the project proponent for a presentation. Before that the proponent shall submit the application through parivesh portal with all required documents including the action/procedures completed so far.**

Item No.14. Environmental Clearance for the Granite Building Stone Quarry of Sri. Thomas Joseph for an area of 0.9674 Ha at Survey No. 79/1-5-1pt in Manjalloor Village, Muvattupuzha Taluk Ernakulam. (SIA/KL/MIN/434759/2023, 2410/EC1/2023/SEIAA)

Decision: The SEAC in its 152nd meeting observed that the baseline monitoring data submitted along with the application is more than three years old and hence decided not to accept the application. The Authority in its 135th meeting perused the proposal along with the request letter of the project proponent dated 16.11.2023 and observed that as directed by SEIAA in its 114th meeting, the project proponent submitted a fresh application for EC. The Authority noted that the project proponent has provided the latest baseline data as an Annexure to the application and refer the proposal to SEAC for further appraisal according to its merits. **Based on the discussions committee decided to invite the project proponent for a presentation.**

Item No.15. Environmental Clearance application for the Granite Building Stone Quarry Project of Sri. Ranju K. K., Managing Director, M/s. Neeloor Aggregates Pvt Ltd., for an area of 3.2225 Ha. at Block No. 30, Re. Survey No.422/1, 422/2, 440/1, 440/3, 440/4, 441/5, 442/1 in Kadanadu Village, Meenachil Taluk, Kottayam (SIA/KL/MIN/435475/2023, 2331/EC3/2023/SEIAA)

Decision: The SEAC in its 152nd meeting observed that the monitoring data submitted is more than three years old, and hence decided that the application cannot be accepted for appraisal. The Authority in its 135th meeting decided to direct the project proponent to submit the necessary documents within one month. Otherwise, the application will be rejected at his risk and cost. **The Committee noted the decision of the SEIAA and decided to direct the Project Proponent to comply with the decision of the Authority taken in its 135th meeting.**

Item No.16 Environmental Clearance to Babu P. for the Granite Building Stone Quarry project, for an area of 0.9392 Ha. in Survey No. 220/1A at Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala.
(Older Proposal No. SIA/KL/MIN/42055/2019, 1427/EC2/2019/SEIAA)
(New proposal No. SIA/KL/MIN/437855/2023, 1427/EC2/2019/SEIAA)

Decision: The Authority in its 135th SEIAA meeting noticed that after the due appraisal, the SEAC in its 146th meeting, recommended EC with the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions. Since the application was submitted in the ToR portal, the Authority in its 130th meeting directed the project proponent to submit the application for EC in Parivesh portal for granting Environmental Clearance. The project proponent submitted the application in Parivesh portal and the SEAC in its 152nd meeting, due to

oversight, observed that the baseline monitoring report submitted is more than three years old and decided the application cannot be accepted for appraisal. The Authority decided to refer the proposal to SEAC with a direction to consider the application, since this is an old project and SEAC had already completed appraisal and recommended EC. New application is only for issuing EC. **The Committee after verification of the documents adhere to the decision of committee taken in its 146th meeting to recommend EC for a mine life of 5 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
2. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
3. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
4. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
5. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
6. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
7. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
8. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites
9. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
10. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
11. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
12. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
13. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.

14. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
15. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
16. Retaining wall should be provided for the top soil storage area to a height of about 2 m.

Item No.17 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Majeed Kuruniyan for an area of 0.1942 Ha at Re-Survey No: 326/2-16, 326/2-17 in Ponmala Village, Tirur Taluk, Malappuram (SIA/KL/MIN/450384/2023, 2430/EC1/2023/SEIAA)

Decision: The Committee examined the application submitted by Sri. Majeed Kuruniyan., As per the application, the total mineable reserve is 16,993 MT and the life of mine is 1 year. The nearest house is at 72.05m. The project cost is Rs.6.60 lakh. The Committee verified the additional documents submitted by the project proponent and found them satisfactory. **Based on discussions, the committee decided to invite the proponent for presentation.**

Item No.18 Environmental Clearance for the Hospital cum Medical Campus Project owned by M/s Sree Anjaneya Medical Trust in Atholi and Balussery Villages, Koyilandy Taluk, Kozhikode. (SIA/KL/MIS/281995/2022, 666/SEIAA/KL/5181/2014)

Decision: The Committee examined the application submitted by Sri. V. Anil Kumar, Chairman, M/s Sree Anjaneya Medical Trust, for Environmental Clearance for the Hospital cum Medical Campus Project in Atholi and Balussery Villages, Koyilandy Taluk, Kozhikode. The entire campus is spread over a plot area of 31.98 Acres (1,29,417.78 m²). The total built up area of the proposed project after expansion is 1,39,004.64 m² of which the construction of built area of 1,05,472.56 m² has been completed. The area of the proposed expansion is 33,532.08 m². The proponent stated that the construction of the threshold built up area of 20,000 m² as per the EIA notification was crossed in July 2009. Accordingly, the project falls under the category of 'projects involving the violation of EIA notification 2006'. It is stated that the Proponent identified the violation and applied for EC on 5 June 2014 to the SEIAA who recommended for violation proceedings, which were however, not initiated. The project was granted ToR from MoEF & CC vide F.No. 23-137/2018-IA-III(V) dated 26.07.2018. The proposal was placed in the 134th, 135th, 136th and 144th SEAC meetings. The presentation was conducted in the 136th SEAC Meeting. The Field Inspection was conducted on 4.2.2023. As per the direction of 144th SEAC meeting the project proponent was directed to submit 45 additional document/details/clarifications. The Project proponent uploaded the additional documents on 08/01/2024. As per OM dated 08/01/2024, the MoEF&CC intimated that the Hon. Supreme

Court imposed stay on the SoP dated 7.7.2021 and OM dated 28.1.2022 for identification and handling of violation cases. **In the circumstances, the Committee decided to inform the Authority about its inability to proceed with the appraisal of the proposal.**

PART II

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1. Environmental Clearance for Residential apartment project of Sri. Jeejo Simon, Director, M/s Masaaki Developers Pvt. Ltd. for an area of 0.8516 ha at Sy. Nos. 713/2 in Chembukavu Village, Thrissur Corporation, Thrissur Taluk & District, Kerala.
(SIA/KL/INFRA2/428788/2023, 2286/EC6/2023/SEIAA)

Decision: As invited the authorized person of the project proponent, Sri. K P A.Jaleel, Project Manager, M/s Masaaki Developers Pvt. Ltd & the Consultant Sri. P Z Thomas, were present. The Consultant made the presentation. As per the application, the total built-up area for the project is 60,243.79 m², the number of dwelling units are 137 and the plot area is 0.8516 Ha. The maximum number of floors is 55; 3 Basements, Ground Floor, 3 MLCP floors, and 48 floors. The Committee noted that there is an existing building having an area of 600 m² within the plot. **The Committee decided to direct the project proponent to submit the following additional details/documents:**

1. Detailed Drainage Plan incorporating the carrying capacity of the natural drain and the constructed drain, their adequacy, and impact of discharge to the low-lying areas
2. Additional treatment facility for biodegradable waste, details of proposed biogas plants, bio-bins including the capacity and location
3. Proposed FAR and details as to how it was estimated.
4. Provision for recreational facilities provided as part of the project.
5. Clarification regarding the height of the building and permissibility of the building with such a height considering the zonal restrictions within the Corporation
6. Detailed CER proposal as per the guideline stipulated in the website of SEIAA.
7. Proposal for maintaining the existing well filled with earth or proposal for compensating the closure of the well.
8. Details of the water requirement, source of water and its sustainability characteristics based on yield tests
9. Details as to how the building is designed to facilitate the differently-abled citizens.
10. Clarification regarding the additional area proposed.

Item No.2. Environmental Clearance for the Expansion of Commercial Building of Sri. Parappurath Hajji at Survey Nos. 151/6 A-3, 8-26, 6A-2, 6B-3,7-8,6B-16,5,6B-15-3,7-5,6B-13,4,5-3,7- 2,6B-7, 6B-15-2, 7-6, 7-7, 6B-10, 6B-14, 6B-15, 5-2, 5-4, 6A-6, 6A-5, 6B-2, 6A-4, 6B-12, 6B-17 in Ward No: 31 in Trikkandiyur Village, Tirur Taluk, Malappuram. (SIA/KL/INFRA2/441661/2023, 2393/EC1/2023/SEIAA)

Decision: As invited, the Project Proponent Sri. Muhammedkutty Haji and the Consultant Smt. Ananthitha were present. The Consultant made the presentation. The Committee heard the presentation and found that the total built-up area is 27623.15 m² (Existing - 18,196.56 m² + Proposed 9,426.59 m²). The project site has a plot area of 15,169.3 m². The maximum height of the building is 27.95 m. The total project cost is Rs.48.79 crore. The Project Proponent stated that the construction for the project was commenced, in a plot area of 11,739 m² and a built-up area of 17,585.35 m² after obtaining the building permit dated 11.03.2022 from Tirur Municipality. The Committee found the following shortcomings:

1. CER to be revised as per guideline published in the website of SEIAA, based on stakeholder consultation and shall be incorporated in the EMP
2. Turbidity & Iron content in the water is high and therefore, the methodology as to how the water will be treated.
3. Traffic Management Plan & Plan for removing congestion in front of the project area.
4. Coverage of solar installation for the project
5. Proposal for increased parking facility / buffer for parking.
6. Clarification on the detailed Rainwater Harvesting facility.

The Committee decided to entrust Dr. A V Raghu and Dr. C C Harilal for field inspection and report.

Item No.3. Environmental Clearance for the construction of residential building ‘Confident Ambiance’ at Survey Nos 413/2-2, 413/2-4, 413/3-3, 413/4-4, 455/3-3, 413/17-3 in Poonithura Village, Kanayannur Taluk, Ernakulam. (SIA/KL/INFRA2/443168/2023, 2394/EC1/2023/SEIAA)

Decision: As invited, the Project Proponent Smt. Meena Thomas, ‘Confident Ambiance’, and the Consultant Smt. Ananthitha were present. The Consultant made the presentation. The total built-up area is 21,409.42 m² and the plot area of 4255 m². The maximum height of the building is 53.40 m. The total project cost is Rs.41 crore. The Mangalavanam Bird Sanctuary is at 4.62 km. The Committee found the following shortcomings:

Revised CER as per the guidelines uploaded in the website of SEIAA-Kerala incorporating monitorable physical targets, proof of stakeholder consultation, need assessment of the proposed activity and enhancing the amount earmarked.

1. Plan for an emergency exit through the rear side road.

2. Proof of application submitted to SCNBWL for wildlife Clearance.
3. Proposed FAR and details as to how it was estimated.
4. Provision for recreational facilities provided as part of the project.
5. Details of the water requirement, source of water and its sustainability characteristics based on yield tests
6. Details as to how the building is designed to facilitate the differently-abled citizens.

The Committee decided to entrust Dr. Ajith Kumar and Sri. Sheik Hyder Hussain for field inspection and report.

Item No.4. Environmental Clearance for the expansion of existing Residential Project, Condor Cyber Gardens, M/s Condor Builders Pvt. Ltd. at Sy. Nos. 157/20, 172/4 & others in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram.
(SIA/KL/INFRA2/443950/2023, 2420/EC3/2023/SEIAA)

Decision: As invited Project proponent Sri. Sreejith R S, General Manager & Authorized Signatory, M/s Condor Builders Pvt. Ltd. and Consultant Sri. P Z Thomas, were present. The Consultant made the presentation. The Committee heard the presentation and found that the built-up area of 1,00,876.64 m²., out of which 87,245.55 m² was constructed. Now the proposal is for the expansion of the existing building with construction of the 4th tower with built-up area of 32,190.23 m² with 163 dwelling units. The total built-up area becomes 1,19,435.78 m². (Existing - 87,245.55 m² + Proposed - 32,190.23 m²). The project site is having a total plot area of 2.75109 Ha. The total project cost is Rs.263.8 crore (Existing cost of Rs. 201.54 Crores + Proposed cost of Rs. 62.26 Crores). The Committee found the following shortcomings:

1. CER as per guidelines uploaded in the SEIAA website.
2. CCR from IRO, MoEFCC, Bangalore.
3. Proposed FAR and details as to how it was estimated.
4. Provision for recreational facilities provided as part of the project.
5. Details of the water requirement, source of water and its sustainability characteristics based on yield tests
6. Details as to how the building is designed to facilitate the differently-abled citizens.

The Committee decided to entrust Er. M. Dileep Kumar and Dr. A. Bijukumar for field inspection and report.

Item No.5. Environmental Clearance for the Commercial Complex Project of Sri. Mohamed Fazeem P, Designated Partner, M/s Thamarassery Lands LLP at Sy. No. 2/1B (Re Sy. Nos. 2/793,794,795,796) in Kedavur Village, Thamarassery Taluk, Kozhikode
(SIA/KL/INFRA2/447068/2023 , 2423/EC2/2023/SEIAA)

Decision: As invited Project Proponent Sri. Mohamed Fazeem.P, Designated Partner, M/s Thamarassery Lands LLP and Consultant Sri. P Z Thomas, were present. The Consultant made the presentation. The total built up area is 56,650 m² and the plot area is 2.1552 Ha. The maximum height of the building is 30 m. The total project cost is Rs.102 crores. The Malabar Wild Life Sanctuary is situated at 7.3 km. The Committee observed the following shortcomings;

1. The proof of application submitted to the NBWL for Wild Life Clearance.
2. CER details are not as per norms/guidelines as enclosed with the SEIAA website.
3. Details of the water requirement, source of water and its sustainability characteristics based on yield tests
4. Details as to how the building is designed to facilitate the differently-abled citizens.

The Committee decided to entrust Dr. C C Harilal and Dr. A N Manoharan for field inspection and report.

Item No.6. Environmental Clearance for Granite Building Stone Quarry of Sri. Deepak Jose, Managing Director, M/s. Optimum Granites Pvt Ltd for an area of 2.1044 ha at Survey No. 274 in Thirumittacode-II Village, Pattambi Taluk, Palakkad, Kerala (SIA/KL/MIN/415585/2023 , 1418/EC1/2019/SEIAA)

Decision: As invited project proponent Sri. Deepak Jose, Managing Director, M/s.Optimum Granites Pvt Ltd, and Consultant Sri. Sajjath Sulthan, SBA Enviro Systems Private Limited were present. The Consultant made the presentation. The ToR was approved on June 2020 and the Public hearing was conducted on 30.07.2022. The field inspection conducted on 01.08.2023. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Clarification as the life of mine is given in the application is 10 years and in the Mine Plan, it is 34 years.
2. Depth to water table measured in the nearest dug well with geo-tagged photographs, relative relief of the well location, distance of the well from the project boundary.
3. CER as per the guidelines uploaded in the SEIAA-Kerala website
4. Plan for management of boulders within the site without causing any accidents and also the possibility of accident due boulder fall.
5. The KML file is not downloadable

The Committee also entrusted the Sub Committee consisting of Dr. A.V. Raghu and Dr. K.N. Krishnakumar to evaluate the EIA report with reference to the ToR and adequacy of the reply given by the project Proponent to the adverse response in the public consultation

and public complaints and provide specific comments prior to the proposed presentation of the project before the SEAC.

Item No.7. Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Haridarsh B S for an area of 0.6910 Ha at Block No. 8, Re- Survey Nos. 12/16, 12/23, 12/24, 13/2, 13/11-2, 13/13, 13/13-2, 13/13-2-2 in Neduvathoor Village, Kottarakkara Taluk, Kollam (SIA/KL/MIN/432336/2023, 2372/EC1/2023/SEIAA)

Decision: As invited Project Proponent Sri. Haridarsh B S and RQP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 40100 MTA. The life of mine is 3 years. The nearest house is at 55m. A primary school is situated at 360 m. The highest elevation of the permit area is 105 m AMSL and lowest is 82 m AMSL. The total project cost is Rs.1.05 lakh. The depth to water table is 7m bgl and depth of mining is 65m AMSL. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Recently certified legible Survey Map
2. Geotagged photographs of the project area and its surroundings from all the boundary pillars.
3. Plan for providing protection wall between BP1 and BP2 and BP4 and BP5.

Item No.8. Environment Clearance for Granite Building Stone Quarry of Sri. Shiju Thomas for an area of 4.3049 Ha at Survey numbers 294/1pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakkode Village, Thodupuzha Taluk, Idukki (SIA/KL/MIN/435329/2023, 2385/EC2/2023/SEIAA)

Decision: As invited Project Proponent Sri. Shiju Thomas and RQP Sri. V K Roy were present. The RQP made the presentation. The project was issued EC by DEIAA, Idukki on 20.04.2017 for a period of five years. As per the application, the total mineable reserve is 10,43,341 MT with annual production of 1,45,000 MTA. The life of mine is 7.04 years. The highest elevation of the permit area is 200 m AMSL and lowest is 170 m AMSL. The total project cost is Rs. 56.20 lakh. The depth to water table is reported as 8m below ground level. **The Committee decided to direct the proponent to submit the documents as per OM dated. 28.04.2023 of MoEF&CC, and also submit the following additional documents which are essential for the appraisal:**

1. Certified Compliance Report (CCR) from the Integrated Regional Office (IRO) of the MoEF & CC
2. Revised Project Cost
3. CER as per norms and based on stakeholder consultation and incorporated in the EMP
4. Certified statement from Mining & Geology Department regarding the quantity of balance mineable reserve.

5. Depth to the water table of the nearest dug well with distance and geo-tagged photographs.

Item No.9. Environmental Clearance for the Granite Building Stone Quarry Project of Sri.K.J Thomaskutty, Managing Partner, M/s. St. Martin Granites for an area of 4.5868 Ha at Re Survey No. 161/1, 163/4, 177/1, 177/2/1, 177/7, 177/7-1, 164/1/4, 163/3, 161/1/2, 162, 159/3-1, 160/2-2, 160/2-3 in Alakkode Village, Thodupuzha Taluk, Idukki.
(SIA/KL/MIN/436147/2023 , 1938/EC3/2022/SEIAA)

Decision: As per the decision of the 152nd SEAC meeting, the proponent was invited for a presentation, and by prior intimation, the project proponent was absent. **Hence the Committee decided to defer the proposal.** The evaluation report will also be discussed during the presentation.

Item No.10. Environmental Clearance for the Laterite Building Stone Quarry of Smt.Sameena V.V for an area of 0.1295 Ha at Re-Survey No: 25/155 of Manatheri Village, Thalassery Taluk, Kannur (SIA/KL/MIN/437681/2023, 2355/EC4/2023/SEIAA)

Decision: As invited the authorized person of the project proponent, Sri.Azarudheen, and RQP Sri. V K Roy were present. The RQP made the presentation. The Committee heard the presentation. As per the application, the total mineable reserve is 10198 MT. The life of mine is 1 year. A shed is located at a distance of 35 m. The depth to water table is reported as 8m and the depth of mining proposed is 6m. There is no cluster condition at present. The total project cost is Rs.4.06 lakh. The Committee decided to direct the proponent to submit the following additional documents:

1. Clarification regarding the project cost as different values are shown in CER proposal and other documents.
2. A recent legible survey map showing the distance to all built structures within 200m from the proposed project boundary.
3. Recent Cluster Certificate.
4. CER to be revised as per norms and based on stakeholder consultation and incorporated in the EMP.
5. Geotagged photographs of the project area and its surroundings from all the boundary pillars and a video showing the entire area.

Item No.11. Environmental Clearance for the Laterite Building Stone quarry of Sri.Sadikali P.A for an area of 0.0972 Ha at Block No.1,Survey No.161/1-19 in Panakkad Village, Eranad Taluk , Malappuram. (SIA/KL/MIN/438418/2023 , 2392/EC1/2023/SEIAA)

Decision: As invited project proponent Sri.Sadikali P.A and the RQP Sri. D P Sreekumar with authorization letter was present. The RQP made the presentation. The Committee heard the presentation and found that as per the application, the total mineable reserve is 10206 MT. The life of mine is 1 year. The total project cost is Rs.30 lakh. The depth to water table is 8m and the depth of mining proposed is 7m. There is a Masjid located at a distance pf 53m. **Based on discussions, the Committee decided to recommend EC for the project life of 1 year subject to the following specific conditions in addition to the general conditions:**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site and therefore the mining should be restricted to a depth of 6m below ground level.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)
16. Adequate number of trees should be planted to compensate for the trees proposed to be cut from the site.

Item No.12. Environmental Clearance for the Ordinary Brick Clay of Sri.Reji.E.K for an area of 0.1058 Ha at Survey No.1279/3-3159 in Moothedam Village, Nilambur Taluk, Malappuram. (SIA/KL/MIN/438432/2023 , 2403/EC1/2023/SEIAA)

Decision: As invited Project Proponent Sri.Reji.E.K and RQP Sri. V K Roy was present. The RQP made the presentation. The Committee noted that the nature of soil in the location is soft and loose and a residential house is located at a distance of 11m from the site. It is also noted that the mining is proposed to a depth of 5.5m. The depth to water table is 6m below ground level. The site is located in a productive rubber plantation. There is also a concealment of fact that the location of the house near to the proposed site (11m) is not revealed in the application. Based on the facts above, it is not desirable to initiate a mining process to a depth around 5.5m in the site with loose soil, productive rubber plantation and a house located at 11m. **Therefore, the Committee decided to recommend rejection of the proposal.**

Item No.13 Environmental Clearance for Granite Building Stone Quarry of Sri. Amjath M.A for an area of 0.9979 Ha at Survey No. 372/1A/16, 372/1A/4/9/7 & 372/1A/4/9/8 at Kottapady Village, Kothamangalam Taluk, Ernakulam. (SIA/KL/MIN/438659/2023, 2418/EC1/2023/SEIAA)

Decision: As invited Project Prop Sri. Amjath M.A and RQP Sri. Vikram Krishna were present. The RQP made the presentation. The total mineable reserve is 219769 MT and the life of mine is 2 years. The distance to the high-hazard zone is 5.9 km. The highest elevation of the permit area is 102 m AMSL and the lowest is 86 m AMSL. The depth to water table is 6m below ground level. The nearest house is at 151m and the nearest building at 113m. The total project cost is Rs.71.65 lakh. **On detailed verification, Committee decided to direct the proponent to submit the following additional documents:**

1. Proof of application submitted to the NBWL for Wild Life Clearance as the Thattekkad Bird Sanctuary is located at a distance of 6.2 Km.
2. Revised EMP incorporating CER details
3. Detailed compensatory afforestation Plan with geo-tagged photographs of the proposed area, species proposed and ownership details of the proposed land
4. Geotagged photographs of the project area and its surroundings from all the boundary pillars.

Item No.14 Environmental Clearance for the Ordinary Earth submitted by Sri.Abbas P.S for an area of 36.74 Ares at Block No:22, Re.SurveyNo.431/6-2,431/7 in Arakkappady Village, Kunnathunad Taluk, Ernakulam. (Old proposal No. SIA/KL/MIN/259995/2022) (New ProposalNo.SIA/KL/MIN/439465/2023, FileNo 2398/EC1/2023/SEIAA)

Decision: The Committee examined the proposal and found that the earlier application of the same Proponent was considered in the 133rd, 135th & 139th SEAC meetings. The Committee observed that the EC was issued vide proceedings No. DIA/KL/MIN/7053/2017 dated 10.12.2018 is now expired and the project proponent has submitted the extension application after validity period and hence as per the existing norms (clause 9 (iii) of EIA notification 2006) the delay cannot be condoned. The Authority in its 125th meeting directed the project proponent to submit the application afresh through PARIVESH portal. The project proponent submitted fresh application with proposal No. SIA/KL/MIN/439465/2023 which was placed in 152nd meeting of SEAC and decided to hear the project proponent. As invited Project, the Proponent Sri.Abbas P.S and RQP Sri. Balaraman was present. The RQP made presentation. It is noted that the work order from the end user is of 23.09.2022. As per the application, the total mineable reserve is 30000 MT. The life of mine is 1 year. The total project cost is Rs.8 lakh. The nearest house is at 42m. Depth to water table is 8m below ground level and therefore, the mining should be limited to 6m below ground level. The buffer of 50m between site & building is necessary. **Hence the Committee decided to direct the proponent to submit the following additional documents:**

1. CER to be revised as per norms and based on stakeholder consultation and incorporated in the EMP.
2. Geotagged photographs of the project area and its surroundings from all the boundary pillars.
3. Recent/revised workorder.
4. Plan for maintaining a buffer of 50m between the project site and the nearest house

Item No.15. Environmental Clearance for the Laterite Building Stone Quarry of Sri.Navas P. K for an area of 0.1942 Ha at Block No.39 Re-Survey No: 45/101 in Peringome Village, Payyannur Taluk, Kannur (SIA/KL/MIN/439696/2023, 2384/EC4/2023/SEIAA)

Decision: As invited the authorized person of project proponent Sri. Raghavan with authorization letter and RQP Sri. V K Roy was present. The RQP made the presentation. As per the application, the total mineable reserve is 13411 MT. The life of mine is 2 years. The nearest building is at 73.5 m. The total project cost is Rs.4.75 lakh. The depth to water table is 9m bgl (121 AMSL). **Based on discussions, the Committee decided to recommend EC for the project life of 2 year subject to the following specific conditions in addition to the general**

conditions:

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)

Item No.16 Environmental Clearance for the mining of Ordinary Earth by Sri.Saji.S for an area of 0.9992 Ha at Block No19, Re Survey nos.119/4-3,119/4-2,119/4-2-2,119/4-2-4,119/4-2-5 in Rayamangalam Village , Kunnathunad Taluk, Ernakulam.
(SIA/KL/MIN/441308/2023, 2405/EC1/2023/SEIAA)

Decision: As invited, the Project proponent Sri.Saji.S and RQP Sri. Balaraman was present. The RQP made the presentation. As per the application, the total mineable reserve is 36888 MT. The life of mine is 1 year. A school is located at 160 m. and a house is at 30.6 near BP3. The depth of mining proposed is 2m below ground level. The total project cost is Rs.10 lakh. **The Committee decided to direct the proponent to submit the following additional documents;**

1. Site-specific EMP
2. Geotagged photographs of the project area and its surroundings from all the boundary pillars and a video showing the entire area.
3. Plan for compensating the tree cut from the proposed area.
4. Latest Work Order from the end user
5. Plan for maintaining a buffer of 50m between the project site and the nearest house.

Item No.17. Environmental Clearance for Granite Building Stone Quarry of Sri. G. Raju for an area of 0.7285 Ha at Block No.13, Re- Survey Nos. 175/7-1, 175/7-2, 174/1 of Kalayapuram Village, Kottarakkara Taluk, Kollam. (SIA/KL/MIN/442089/2023, 2374/EC1/2023/SEIAA)

Decision: As invited Project proponent Sri. G. Raju and RQP D P Sreekumar were present. The RQP made the presentation. The Committee heard the presentation and found that the total mineable reserve is 185132.5 MT with an annual production of 61710.83 MTA. The life of mine is 3 years. The highest elevation of the permit area is 90 m AMSL and lowest is 55 m AMSL. The depth to water table is 5m below ground level. Nearest house is at 65.2 m. Distance to moderate hazard zone is 10.9 km. The total project cost is Rs.1.05 lakh. The Committee observed that the slope of the terrain is very high. **The Committee decided to direct the proponent to submit compensatory afforestation plan along with its geotagged photographs and ownership details as the site proposed.**

Item No.18 Environmental Clearance for the Laterite Building Stone Quarry of Sri,Sadiq Ali for an area of 0.0940 Ha at Block No. 137 in Survey No: 42/101 of Chuzhali Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/442637/2023, 2383/EC4/2023/SEIAA)

Decision: As per the decision of the 152nd SEAC meeting, the proponent was invited for a presentation, and by prior intimation via E-mail dated 17.01.24, the project proponent was absent. **Hence the Committee decided to defer the proposal.**

Item No.19 Environmental Clearance for Granite Building stone quarry of Sri. Bissy Kunjappan for an area of 2.1361 Ha at block no: 5, Resurvey no 209/1,220/2, in Kodanad Village, Kunnathunad Taluk, Ernakulam. (SIA/KL/MIN/444781/2023, 2414/EC1/2023/SEIAA)

Decision: As invited, the Authorized person Sri. Biju P A and RQP Sri. Balaraman was present. The RQP made the presentation. The total mineable reserve is 901513 MT and the proposed life of mine is 10 years. The highest elevation of the site is 42 m AMSL and the lowest is 26 m

AMSL. The Distance to the high hazard zone is 7.6 km and the moderate hazard zone is 2.61 km. The total project cost is Rs.2.25 crores. **The Committee noted the following shortcomings:**

1. Legible survey map indicating the distance to all the built structures within 200m of the project boundary
2. Revised CER as per the guidelines uploaded in the SEIAA-Kerala website
3. Depth to groundwater table in the nearest dug well along with the geo-tagged photograph of the well and its distance from the project boundary.
4. Compensatory afforestation plan along with the geotagged photographs and ownership details of the site proposed and species suggested.

The Committee decided to entrust Sri. Sheik Hyder Hussain and Dr. N. Ajithkumar for field inspection and report.

Item No.20 Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Rajesh C.M for an area of 0.1942 Ha at Block No:91, Re-Survey Nos:46/256, 46/257 in Kalliad Village, Iritty Taluk, Kannur (SIA/KL/MIN/444818/2023, 2381/EC4/2023/SEIAA)

Decision: As invited, the Project Proponent Sri. Rajesh C M and RQP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 16994 MT with an annual production of 8497 MTA. The life of mine is 2 years. The nearest house is at 383.1 m. The total project cost is Rs.6.02 lakh. The depth to water table is 7m bgl. **The committee decided to direct the proponent to submit the following additional documents:**

1. Revised CER as per norms and guidelines uploaded in the website of SEIAA
2. Recent Cluster Certificate
3. Geotagged photographs of the project area and its surroundings from all the boundary pillars.

Item No.21. Environmental Clearance for the Laterite Building Stone Quarry Project of Sri.Manikandan.K for an area of 0.1951 Ha at Block No: 30, Re-Survey No: 253/2, 102 in Eramam Village, Payyannur Taluk, Kannur (SIA/KL/MIN/446501/2023, 2425/EC4/2023/SEIAA)

Decision: As invited Project proponent Sri. Manikandan K and RQP Sri. V K Roy was present. The RQP made the presentation. The Committee heard the presentation and it was found that the total mineable reserve is 15364 MT. The life of mine is 1 year. The nearest house is at a distance of 76.5 m. The depth to water table is 8m bgl and depth of mining is 5m bgl. The total project cost is Rs.6,10,250. **Based on discussions, the Committee decided to recommend EC for the project life of 1-year subject to the following specific conditions in addition to the general conditions:**

1. The excavation activity should not involve blasting.

2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).

Item No.22. Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Kadankottu Kanakan for an area of 0.1944 Ha at Block no.137, Re-Survey No.38/106 of Chuzhali Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/446637/2023 , 2422/EC4/2023/SEIAA)

Decision: As invited, the Project proponent Sri. Kadankottu Kanakan and RQP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 17010 MT with an annual production of 8505 MTA. The life of mine is 2 years. A pig farm is situated at a distance of 109m from the project site. The total project cost is Rs.4.23 lakh. The depth to water table is 7m bgl and depth of mining is 7m bgl. The Committee decided to direct the proponent to submit the following additional documents:

1. Recently certified legible Survey Map
2. Cluster Certificate
3. Depth to water table measured in the nearest open well to the site with distance and geotagged photographs.

4. Geotagged photographs of the project area and its surroundings from all the boundary pillars.

Item No.23 Environmental Clearance for the Laterite Building Stone Quarry of Sri. Prakasan C.V for an area of 0.1944 Ha at Bock No: 071, Re-Survey No: 37/808 in Nidiyenga Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/446871/2023, 2401/EC4/2023/SEIAA)

Decision: As invited Project proponent Sri. Prakasan C V and RP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 18712 MT with an annual production of 9356 MTA. The life of mine is 2 years. The depth to water table is 8m bgl and the depth of mining is 6m bgl. The total project cost is Rs.6.085 lakh. **Based on discussions, the Committee decided to recommend EC for the project life of 2 years subject to the following specific conditions in addition to the general conditions:**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)

Item No.24. Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Prakasan C.V. for an area of 0.1944 Ha at Bock No. 70, Re-Survey No. 49/689, 49/1039 in Nidiyenga Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/447673/2023, 2416/EC4/2023/SEIAA)

Decision: As invited, the project proponent Sri. Prakasan C.V. and RQP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 17011 MT. The life of mine is 2 years. A shed is at a distance of 28.9 m from the project site. The depth to water table is 7m bgl and the depth of mining is 5.5m bgl. The total project cost is Rs.6.12 lakh. The Committee noted that the average thickness of mining mentioned in the Mining Plan is 4.5 m whereas in other documents, the depth of mining is mentioned as 6 m. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Clarification regarding the depth of mining as it is different in the Mine Plan and in other documents
2. Recently certified legible Survey Map
3. Recent Cluster Certificate
4. Geotagged photographs of the project area and its surroundings from all the boundary pillars.
5. Comprehensive EMP clubbing the two proposals of the same Proponent under File No. 2416/EC4/2023/SEIAA and File No. 2413/EC4/2023/SEIAA

Item No.25. Environmental Clearance for the Mining of Granite Building Stone Quarry Project of Sri. Saji Sebastian, for an extent of a 1.7634 Ha in Sy. No: 66/1, 66/2A, 66/2A, 66/2B, 128/2A, 128/2 B3, 128/2B2, 128/3A, 128/3B2 in Arakkuzha Village, Muvattupuzha Taluk, Ernakulam. (Old Proposal No. SIA/KL/MIN/146311/2020, 1712/EC3/2020/SEIAA (New proposal no. SIA/KL/MIN/448582/2023 and File No. 2408/EC1/2023/SEIAA)

Decision: The 130th meeting of the SEAC decided to recommend rejection of the proposal considering the distance criteria as the distance to the nearest built structure is 32 and the 117th meeting of SEIAA agreed to the recommendation. The Hon.High Court in its Judgment in WP(C) 25388/2023 dated 03/08/2023 directed the Proponent to file an affidavit before the SEIAA undertaking that the building will be used only as site office and will not be used for residential purpose during the project life. It is also directed that once the petitioner submits such an undertaking, SEIAA shall consider the application for Environmental clearance and process the said application on accordance with law. The Proponent submitted an affidavit dated 26.09.2023 stating that the built structure will be used for site office, mess hall, store room for the crusher unit and will not be used for residential purposes during the project life. along with the copy of Judgment. The 133rd meeting of the SEIAA accepted the undertaking of the Project

Proponent and referred the case to SEAC to give a fresh recommendation in the light of the Judgment dated 03.08.2023 of the Hon'ble High Court in WP(C) No. 25388/2023. In the meantime, the project proponent submitted a new proposal with no. SIA/KL/MIN/448582/2023 and File No. 2408/EC1/2023/SEIAA. The mineable reserve as per mine plan is 5,25,348 MT and the life mine proposed is 12 years. The elevation of the site vary from 130m to 106m above MSL. The depth to water table as per the data from CGWB is around 10m below ground level. The 153rd SEAC meeting examined the proposal and evaluated the documents submitted and decided to invite the proponent for a presentation for taking further decision. As invited Project Proponent Sri. Saji Sebastian and RQP Sri. Balaraman were present. The RQP made the presentation. **Based on discussions, the Committee decided to recommend EC for the project life of 12 years subject following specific conditions in addition to the general conditions:**

1. The mining should be limited to a maximum depth of 95m above MSL, i.e. two benches of 5m each below the ground level.
2. A buffer distance of 50m should be maintained between the project boundary and all the built structures other than the building proposed to be used as the project office.
3. Development of green belt should be initiated prior to the commencement of mining using indigenous species.
4. A drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
5. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
6. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
8. The Bench height and width should be rectified wherever required and corrective measures should be taken to maintain 45° Slope.
9. The topsoil and overburden should be stored in the lower slope region and the site should be protected with retaining/protective walls.
10. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
11. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
12. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.

13. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
14. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
15. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
16. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.
17. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
18. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
19. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.

Item No.26 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Ranjith P.V for an area of 0.1942 Ha at Block No: 88, Re-Survey No: 22/103 of Kalliad Village, Iritty Taluk, Kannur (SIA/KL/MIN/448723/2023, 2421/EC4/2023/SEIAA)

Decision: As invited the Project Proponent Sri. Ranjith P P and RQP Sri. V K Roy was present. The RQP made the presentation. The total mineable reserve is 18692 MT with an annual production of 9346 MTA. The life of mine is 2 years. The nearest house is beyond the regulation distance from the project site. The depth of water table is 6m bgl and the depth of mining is also 6m and therefore the mine depth has to be reduced. The total project cost is Rs.6.12 lakh. **Based on discussions, the Committee decided to recommend EC for the project life of 2 years subject to the following specific conditions in addition to the general conditions:**

1. The depth of mining should be limited to 4m below the overburden.
2. The excavation activity should not involve blasting.
3. The excavation activity should be restricted to 2m above the groundwater table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
7. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
9. Workers/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 the proposed excavation.
11. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)

Item No.27 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Prakasan C.V. for an area of 0.0972 Ha at Block No.070, Re-Survey No. 49/336 of Nidiyenga Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/448853/2023 , 2413/EC4/2023/SEIAA)

Decision: As invited Project Proponent Sri. Prakasan C V and RQP Sri. V K Roy was present. The RQP made the presentation. The Committee heard the presentation and **found that** the total mineable reserve is 9356 MTA. The life of mine is 1 year. A shed is at a distance of 50.3 m from the project site. The total project cost is Rs.3.69 lakh. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Recently certified legible Survey Map
2. Recent Cluster Certificate
3. Geotagged photographs of the project area and its surroundings from all the boundary pillars.
4. Comprehensive EMP clubbing the two proposals of the same Proponent under File No. 2416/EC4/2023/SEIAA and File No. 2413/EC4/2023/SEIAA
5. CER as per norms and based on stakeholder consultation and incorporated in the EMP.

Item No.28 Environmental Clearance for the Laterite Building Stone Quarry Project of Smt. Kanchana M for an area of 0.1972 Ha at Block No.37, Re-Survey No.45/132 in Perinthatta Village, Payyannur Taluk, Kannur (SIA/KL/MIN/449334/2023 , 2426/EC4/2023/SEIAA)

Decision: As invited, the authorized person of the Project Proponent Sri. Raghavan and RQP Sri. V.K. Roy was present. The RQP made the presentation. The total mineable reserve is 17256

MTA. The life of mine is 2 years. As per Form IM, a Girls High School is situated at a distance of 1.26m and the nearest house is at 133.3 m from the project site. The total project cost is Rs.4.7 lakh. The depth to the water table is reported as 8m bgl. **The Committee decided to clarify the distance to the Thavidisseri GHS given as 1.26m from the project site as per Form 1M though the KML file does not show any built structure within the regulation distance.**

PART – 3

Item No.1

Environmental Clearance for the proposed expansion of existing MES Medical College & Hospital by M/s The Muslim Educational Society at Sy. Nos. 147, 147/3, 147/4, 148/1-3, 148/1-4, 148/2, 148/2-1, 148/3-7, 148/3-8, 148/3-9 in Angadippuram Village and Sy. Nos. 19/3-1, 21/2-15, 21/2-16, 21/2-18, 21/3-5, 21/4-4, 21/4-6, 21/5-1, 21/5-2, 21/6-3, 21/6-4, 29/14-2, 2-/17-8, 32, /4-2, 33/14-1, 33/7-2, 33/8-1 in Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram (SIA/KL/INFRA2/404063/2022, 2133/EC6/2022/SEIAA)

Decision: As invited the authorized person of the project proponent along with the NABET accredited Consultant Sri. P Z Thomas, were present. The Consultant made the presentation. The total built-up area is 1,37,479 m² (Existing built-up area constructed prior 2006 is 96,475 m². and the proposed Built-up area is 41,004 m²). The Committee noted that the Project Proponent didn't submit CER as per 153rd SEAC meeting. **Hence the Committee directed the Project Proponent to submit revised CER as per the guideline published in the website of SEIAA and also considering the decision of the SEAC in its 153rd meeting.**

Item No.2

Environmental Clearance for the Commercial Complex Project of Sri. Mohammed Shafeeq P, Designated Partner, M/s Kunnamkulam Centre LLP at Re-Sy. Nos. 11/P3-1, 11/P4-4 in Choondal Village & Re-Sy 162/3, 162/3-1, 162/3-1-1 in Kanipayyur Village, Chowannur Panchayat, Kunnamkulam Taluk, Thrissur. (SIA/KL/INFRA2/445681/2023, 2446/EC3/2023/SEIAA)

Decision: As invited the authorized person of the project proponent, Sri. Seby Jose & the Consultant Sri. P Z Thomas, were present. The Consultant made the presentation. As per the application, the total built-up area of the project is 59,748 m² within the plot area of 2.0176 ha. The project consists of Commercial retail shops, multiplex (1,500 seats), food court (1,200 seats), restaurant (300 seats) along with supporting infrastructure facilities. The maximum height of the building is 30 m. The total project cost is Rs.106 Crore. The Committee noted that the following documents/details are required to be obtained from the Proponent.

1. Detailed Drainage Plan incorporating the carrying capacity of the natural drain and the constructed drain, their adequacy and impact of discharge to the low lying areas
2. Detailed CER plan in accordance with the guidelines uploaded in the Kerala-SEIAA website

The Committee decided to entrust Dr. A.V Raghu and Sri. Sheik Hyder Hussain for field inspection and report.

Item No.3 Environmental Clearance for the Proposed Commercial Complex Project of Hyper Market, Retail shops, Multiplex, Restaurant / food court and amusement centre to be developed by M/s Lulu International Shopping Malls Pvt. Ltd. [SIA/KL/INFRA2/452684/2023, 2477/EC3/2023/SEIAA]

Decision: The Committee examined the application submitted by Sri. Nishod M A, Director M/s Lulu International Shopping Malls Pvt Ltd. As per the application, the total built-up area of the project is 39,251.48 m² with plot area 2.1772 ha. (21,772 m²). The maximum height of the building is 28 m. The total project cost is Rs. 115.376 Crores. The Committee examined the proposal and observed the following shortcomings;

1. Current status of two court cases.
2. CER proposal as per the guidelines uploaded in the website of SEIAA-Kerala
3. Site-specific EMP incorporating CER along with proof of stakeholder consultation.
4. Movement details of excavated soil outside the project area and proof of demand from the end-user of the soil
5. Traffic management plan based on detailed traffic study, classification of different roads in the impact zone and carrying capacity assessment of roads within the impact zone and plan for avoiding traffic congestion near the proposed site

Based on discussions, the Committee decided to invite the project proponent for a presentation. As per the OM dated 30-09-2020, CER is an integral part of EMP and therefore without CER, the EMP is incomplete. **Hence the proponent is directed to ensure that complete EMP is presented while making the presentation of the project.**

Item No.4 Environmental Clearance for the Proposed Residential Project at Kazhakkootam Village, Thiruvananthapuram Municipal Corporation, Taluk & District, Kerala to be developed by M/s Shanoor Projects & Realtors Pvt. Ltd in a plot area of 0.7293 ha. [SIA/KL/INFRA2/453077/2023, 2478/EC3/2023/SEIAA]

Decision: The Committee examined the application submitted by Sri. S. Nizar Ahammed, Managing Director, M/s Shanoor Projects & Realtors Pvt. Ltd. As per the application, the total built-up area of the project is 28,707.89 m². with plot area 0.7293 ha. (7,293.13 m²). The total

project cost is Rs. 55.8552 Crore. The Committee examined the proposal and observed that the following additional details are required;

1. Revised site-specific EMP incorporating CER as per guideline published in the website of SEIAA
2. Detailed drainage plan
3. Depth to water table in the nearest dug well along with the geo-tagged photographs of the well.
4. Water requirement, Source of water, sustainable yield potential of source
5. Floor Area Ratio as per building rules

Based on discussions, the Committee decided to invite the project proponent for a presentation. As per the OM dated 30-09-2020, CER is an integral part of EMP and therefore without CER, the EMP is incomplete. **Hence the proponent is directed to ensure that complete EMP is presented while making the presentation of the project.**

Item No.5 Environmental Clearance for the Proposed Residential Project of M/s Good Earth India Infra (P) Ltd at 587/25-2-2, 587/25-4, 587/25-3, 587/25-3-2, 587/23, 587/24, 587/25, 587/61, 587/6 in Cheranellur Village & Panchayat, Kanayannur Taluk, Ernakulam District. (Fresh application)
[SIA/KL/INFRA2/453455/2023, 2471/EC1/2023/SEIAA]

Decision: The Committee examined the application submitted by Sri. Benny M Thankachen, Director, M/s Good Earth India Infra (P) Ltd. As per the application, the total built-up area of the project is 25,632.6 m² with plot area 0.5034 ha. (5,034 m²). The maximum height of the building is 59.90 mtr. The total project cost is Rs. 55.73586 Crores. The Committee examined the proposal and observed that the following additional details are required;

1. Revised site-specific EMP incorporating CER proposal prepared as per the guideline published in the website of SEIAA
2. Detailed drainage plan
3. Water requirement, Source of water, sustainable yield potential of source
4. Floor Area Ratio as per building rules

The Committee decided to invite the project proponent for a presentation. As per the OM dated 30-09-2020, CER is an integral part of EMP and therefore without CER, EMP is incomplete. **Hence the proponent is directed to ensure that complete EMP is presented while making the presentation of the project.**

Item No.6 **Environment Clearance for the Granite Building Stone Quarry Project of M/s V K Stone Crusher for an area of 3.7324 hectares at Re.Sy. Block No. 59, Re-Sy Nos. 6/527, 6/526, 6/537, 6/600, Vellarvally Village, Iritty Taluk, Kannur, Kerala**
(SIA/KL/MIN/286117/2022, 2067/EC4/2022/SEIAA)

Decision: As per the decision of the 151st SEAC meeting, the proponent was invited for hearing, but the proponent was absent. **Hence the Committee decided to defer the proposal.**

Item No.7 **Environmental Clearance for the Granite (Building Stone) Quarry of Sri. Johnson George for an area of 5.2794 Ha, at Survey No. S.F. Nos. (Field No. 2159, 2160, 2162 Not Final) in Koodaranji Village, Thamarassery Taluk, Kozhikode**
(SIA/KL/MIN/431789/2023, 1172(A)/EC4/SEIAA/2017)

Decision: As per the decision of the 153rd SEAC meeting, the proponent was invited for presentation, but the proponent was absent. **Hence the Committee decided to defer the proposal.**

Item No.8 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Syam G Raj. S for an area of 3.4519 Ha at Block No.33, Re.Sy.Nos.144/1, 144/2, 144/3, 144/4, 144/5, 144/7, 144/8, 144/9, 144/10, 144/11, 144/12, 143/1, 143/3 -1, 143/3-2, 143/7, 143/15, 143/16, 145/4 in Pazhayakunnummel Village, Chirayinkeezhu Taluk, Thiruvananthapuram**
(SIA/KL/MIN/438519/2023, 2427/EC3/SEIAA/2023)

Decision : As invited, the authorized person of the project proponent, Sri.Vishnu.G.Nair and the RQP, Sri. V.K.Roy were present. The RQP made the presentation. As per the application, the total mineable reserve is 15,06,260 MT with 2,00,100 MT from first to seventh year and 1,05,560 MT for eight year. The life of mine is 8 years. The highest elevation of the permit area is 115 m AMSL and the lowest is 70 m AMSL. The high hazard zone is at 19.45 km and the medium hazard zone is at 10 km. The Committee observed that, the nearest house is at 67.6 m and two more houses at 72.1 m & 75.7m. The total project cost is Rs.2.5 Crore. The Committee noticed the following shortcomings:

1. The area proposed for storage of the huge quantity of overburden and topsoil is inadequate
2. Proposed compensatory afforestation plan is not specific.
3. Recent legible survey map showing distance to all the built structures within 200 m radius is not submitted
4. Hazard zonation map indicating distance to the proposed mining area is not submitted

5. Depth to water table in the nearest dug well along with its distance from the project boundary and the elevation of the site above MSL is not provided.
6. Tabulation error in biodiversity report

The Committee decided to entrust Shri. M.Dileepkumar and Dr.A.Bijukumar for field inspection and report.

Item No.9 **Environmental Clearance for the mining of Ordinary Clay by Sri. Haneefa. M.H from an area of 0.2023 Ha. at Re Survey No. 4/3 at Kollengode-2 Village of Chittur Taluk, Palakkad.
(SIA/KL/MIN/439070/2023, 2441/EC3/2023/SEIAA)**

Decision: As per the decision of the 153rd SEAC meeting, the proponent was invited for presentation, but the proponent was absent. **Hence the Committee decided to defer the proposal.**

Item No.10 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Musthafa P.T.V for an area of 0.9900 Hectares at Block No- 01, Re-Survey Nos. 347/5, 347/5-5 & 347/5-15 in Thachanattukkara-I Village, Mannarkkad Taluk, Palakkad
(SIA/KL/MIN/439323/2023, 2443/EC3/SEIAA/2023)**

Decision: As per the decision of the 153rd SEAC meeting, the proponent was invited for presentation, but the proponent was absent. **Hence the Committee decided to defer the proposal.**

Item No.11 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Saji K Elias, Managing Director, M/s Factum Granites Pvt Ltd. for an area of 0.6377 Ha at Block No: 21, Re survey no 35/23,35/6 in Erimayur-1 Village, Alathur Taluk, Palakkad
(SIA/KL/MIN/440170/2023, 2428/EC3/2023/SEIAA)**

Decision: As invited, the proponent Sri. Saji K Elias, Managing Director, M/s Factum Granites Pvt Ltd and the RQP, Sri. Balram were present. The RQP made the presentation. The Committee observed that there are many built structures within the quarry site. The Project Proponent submitted an affidavit that they will remove the structures if he get EC. The Cluster certificate indicates that the quarry of M/s Sahara Granites is having 6.59 ares and as per google map, there are many quarries within 500 m. The Project proponent intimated that the Peechi Vazhani Wildlife Sanctuary is at 16.8 km from the proposed area. On verification, it is found that Choolannur bird sanctuary is within 9 km. There is concealment of facts. Hence the Committee

decided to inform the matter to SEIAA and seek the advice of the Authority on the further appraisal of application.

Item No.12 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mohammed Shereef over an area of 0.7227 Ha is in Survey No. 272/1-5 of Alipparamba Village, Perinthalmanna Taluk, Malappuram.(Fresh application) [SIA/KL/MIN/441164/2023, 2467/EC1/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Mohammed Shereef. As per the application, the total mineable reserve is 1,28,425 MT. The life of mine is 3 years. The highest elevation of the permit area is 120 m AMSL and the lowest is 100 m AMSL. The high hazard zone is at 20km and the medium hazard zone is at 3.5 km. The nearest house is at 203 m. The total project cost is Rs. 1,13,70,000/-. The Committee noted that the CER plan requires revision as per the guideline published in the website of SEIAA. **The Committee decided to invite the project proponent for a presentation.**

Item No.13 **Laterite (Building Stone) Quarry in Block No:46, Re-Survey No: 14/175(14/1A) of Pariyaram Village, Thaliparamba Taluk, Kannur, Kerala for an extent of 0.0972 Ha [SIA/KL/MIN/443540/2023, 2461/EC4/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Binu Vargheese. As per the application, the total mineable reserve is 12,150MT. The life of mine is 1 year. The depth to water table is 7 m below ground level. The project cost is Rs. 3.43 lakh. **The Committee decided to invite the project proponent for a presentation.**

Item No.14 **Environmental Clearance for Granite Building Stone Quarry of M/s BTL Rocks& Minerals at Re-Survey No's: 359/2-1, 359/2-2, 360/5, 360/5-1, 360/4-1, 360/3-4, 360/3-5, 360/6-2, 360/6-1, 360/4-2 in Kulathummal Village, Kattakada Taluk, Thiruvananthapuram, Kerala for an area of 1.0379. (Reappraisal of EC from SEIAA as per OM dated 28/4/2023) [SIA/KL/MIN/450543/2023, 2475/EC3/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Jayakumar .T, Managing Partner, M/s B T L Rocks. As per the application, the total mineable reserve is 2,96,725MT. The life of mine is 12 years. The highest elevation of the permit area is 125 MSL and the lowest is 88 MSL. The Low Hazard Zone is at 0.09km, the medium hazard zone is at 13.07km and high hazard zone is at 14.73km. The nearest house is at a distance of 86 m. The proposal is for reappraisal as per OM dated 28.4.2023. The Committee noted that the Project Proponent is yet to submit the Certified Compliance Report from the MoEF &CC and the latest Cluster Certificate

from the Mining & Geology Dept. **Based on discussions, the Committee decided to entrust Er. M. Dileepkumar and Dr. A. Bijukumar for Field Inspection and report.**

Item No.15 Laterite (Building Stone) Quarry in Block No:39, Re-survey Nos:57/110 of Peringome Village, Payyannur Taluk, Kannur District, Kerala for an extent of 0.1752 Ha -Fresh proposal
[SIA/KL/MIN/452107/2023, 2462/EC4/2023/SEIAA]

Decision: The Committee examined the application submitted by Sri. Rintu Sebastian. As per the application, the total mineable reserve is 16,864 MT. The life of mine is 2 years. The depth to water table is 9m below ground level. The project cost is Rs. 5.64 lakhs. **The Committee decided to invite the project proponent for presentation.**

Item No.16 Laterite (Building Stone) Quarry in Block No: 211, Re-Survey No: 19/109 of Padiyoor Village, Iritty Taluk, Kannur Dist, Kerala for an extent of 0.2913 Ha-Fresh proposal [SIA/KL/MIN/452252/2023, 2463/EC4/2023/SEIAA]

Decision: The Committee examined the application submitted by Smt. Reshma K. As per the application, the total mineable reserve is 28,037 MT, for first year and 20,033 MT, for second year. The life of mine is 2 years. The depth to water table is 7 m below ground level. The project cost is Rs.9.99 lakhs. **The Committee observed that the depth of mining has to be limited to 5m below ground level considering the depth of the water table (7m below ground level). The Committee decided to invite the project proponent for a presentation.**

Item No.17 Laterite Building Stone Quarry of Subin Thomas Laterite (Building Stone) Quarry in Block No: 070, Re-Survey No:49/997 of Nidiyenga Village, Thaliparamba Taluk, Kannur District, Kerala for an extent of 0.0972 Ha - Fresh proposal [SIA/KL/MIN/452277/2023, 2464/EC4/2023/SEIAA]

Decision: The Committee examined the application submitted by Sri. Subin Thomas. As per the application, the total mineable reserve is 9,356 MT. The life of mine is 1 year. The depth to water table is 7m below ground level. The medium hazard zone is at 2.10 km. The project cost is Rs. 3.69 lakh. The committee observed that the documents; Survey map, non-assignment certificate etc., submitted are not legible. **The Committee decided to invite the project proponent for a presentation.**

Item No.18 **Environmental Clearance for the Granite Building Stone Quarry of Sri.Sajeev S for an area 4.1792 Ha at survey nos: 302/152, 302/1/157, 302/1/158, 302/1/161, 302/1/159, 302/1/46/378, 302/1/46, 302/1/46/330/384, 302/1/46/330 in Vilakkudy Village, Pathanapuram Taluk, Kollam District [SIA/KL/MIN/453327/2023, 2470/EC1/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Sajeev S. As per the application, the proposed rate of production is 2,40,000 MT from first to fifth year and 2,20,000 MT from sixth to ninth year. The life of mine is 9 years. The highest elevation of the project area is 180m AMSL and the lowest is 140m AMSL. The high hazard zone is at 11.00 km and the medium hazard zone is at 4.65 km. The Committee observed that, the nearest house is at a distance of 54.5 m and there are 12 more houses and built structures at 71.3 m - 221.7m. The total project cost is Rs. 4.71 crore. The Committee noted the following short-comings;

1. Legible Survey map
2. CER proposal as per the guidelines uploaded in the website of SEIAA-Kerala
3. Location and safeguard plan for overburden dumping
4. Detailed drainage plan

The Committee entrusted Dr.N.Ajithkumar and Smt. Beena Govindan for field inspection and report.

Item No.19 **Laterite (Building Stone) Quarry in Block No:23, Re-Survey No:21/154 of Kolari Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1902 Ha [SIA/KL/MIN/453343/2023, 2465/EC4/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Khalid N. As per the application, the total mineable reserve is 18,306 MT (9,153 MT per annum). The life of mine is 2 years. The depth to water table is 7 m below ground level. The project cost is Rs. 6,01,500/-. The depth to water table is 7m below ground level and hence the depth to mining will have to be limited to 5m. **The Committee decided to invite the project proponent for a presentation.**

Item No.20 **Laterite (Building Stone) Quarry in Block No: 84, Re-Survey Nos:1/15250 of Payyavoor Village, Thaliparamba Taluk, Kannur over an extent of 0.0972 Ha [SIA/KL/MIN/453540/2023, 2466/EC4/2023/SEIAA]**

Decision: The Committee examined the application submitted by Sri. Suresh P V. As per the application, the total mineable reserve is 9,356 MT per annum. The life of mine is 1 year. The depth to water table is 8 m below ground level. The project cost is Rs. 3,20,400/-. **The Committee decided to invite the project proponent for a presentation.**

Item No.21 **Laterite Building Stone Quarry of Bijesh K P Laterite (Building Stone) Quarry in Block No: 91, Re-Survey No: 46/559 of Kalliad Village, Iritty Taluk, Kannur over an extent of 0.1942 Ha**
[SIA/KL/MIN/453581/2023, 2486/EC4/2024/SEIAA]

Decision: The Committee examined the application submitted by Sri. Bijesh K P. As per the application, the total mineable reserve is 18,692 MT (9,346 MT per annum). The life of mine is 2 years. The depth to water table is 7 m below ground level. The medium hazard zone is at 2.10 km. The project cost is Rs. 5,14,400/-. The depth of the water table is 7m below ground level and hence the depth of mining will have to be limited to 5m. **The Committee decided to invite the project proponent for a presentation**

Item No.22 **Environmental Clearance for the Laterite Building Stone Quarry of Siyad C V Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No: 91, Re-Survey No: 46/923 of Kalliad Village, Iritty Taluk, Kannur over an extent of 0.1942 Ha**
[SIA/KL/MIN/453670/2023, 2487/EC4/2024/SEIAA]

Decision: The Committee examined the application submitted by Sri. Siyad C V. As per the application, the total mineable reserve is 18,692 MT (9,346 MT per annum). The life of mine is 2 years. The depth to water table is 7 m below ground level. The medium hazard zone is at 2.10 km. The project cost is Rs. 5,14,400/-. **The Committee decided to invite the project proponent for a presentation.**

Item No.23 **Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No: 91, Re-Survey No: 46/1241, 46/4-1241-2 of Kalliad Village, Iritty Taluk, Kannur over an extent of 0.0971 Ha**
[SIA/KL/MIN/453708/2023, 2488/EC4/2024/SEIAA]

Decision: The Committee examined the application submitted by Sri. Viju K. As per the application, the total mineable reserve is 9,346 MT per annum. The life of mine is 1 year. The depth to water table is 7 m below ground level. The medium hazard zone is at 2.10 km. The project cost is Rs. 3,20,200/-. **The Committee decided to invite the project proponent for a presentation.**

PART- 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.1 **Environmental Clearance for Granite building stone quarry project of Sri. P T Vincent, Managing Partner, M/s St. Antoney's Building Stone Quarry for an area of 0.8276 Ha at Survey No. 1102/2 in Chittanda Village, Thalappilly Taluk, Thrissur. (SIA/KL/MIN/421384/2023, 2469/EC3/2023/SEIAA)**

Decision: The Committee examined the application. As per the mine plan, the total mineable reserve is 90775 Ton, proposed production capacity is 30412 TPA per annum and the life of mine is 3 years. The highest elevation of the project area is 90 m AMSL and the lowest is 74 m AMSL. The site does not fall in landslide hazard zone. The total project cost is Rs.1 Crore. The Committee observed the following short-comings:

1. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
2. Plates of the Mining Plan.
3. Depth to water table in the nearest dug well along with its distance from the project boundary geo-tagged photograph.
4. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.
5. Explanation for giving different production capacity values in the application

The Committee decided to invite the project proponent for a presentation.

Item No.2 **Environmental Clearance for the Laterite Building Stone Quarry of Sri. Charls. M. P. for an area of 0.2913 Ha at Block No.24 Re-Survey no. 432 in Mulanthuruthy Village, Kanayannoor Taluk, Eranakulam (SIA/KL/MIN/434215/2023, 2480/EC1/2023/SEIAA)**

Decision: The Committee examined the application. As per the mine plan, the mineable reserve is 20391 MT. The top soil thickness of the proposed mining area is ranging from 50cm to 1.5m. The Committee observed the following short-comings:

1. Current land use details of the site
2. Depth to water table in the nearest dug well along with its distance from the project boundary geo-tagged photograph.
3. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.
4. Cluster Certificate.
5. Hazard zonation map indicating distance to the proposed mining area

The Committee decided to invite the project proponent for a presentation.

Item No.3

**Environmental Clearance for the Granite Building Stone Quarry Sri. Manoj Kumar. K for an area of 1.0261 Ha at Re Sy No: 68,71/1,71/2 in Kinalur Village, Thamarassery Taluk, Kozhikode.
(SIA/KL/MIN/443424/2023 , 2474/EC2/2023/SEIAA)**

Decision: The Committee examined the application. The quarry was issued Environmental Clearance from the DEIAA vide File No.105/DEIAA/KL/MIN/14714/2018, EC No.105/2018 dated 16.08.2018. The highest elevation of the lease area is 155m MSL and lowest is 100m MSL. The total mineable reserve is 126398 MT. The annual production is 12640MT. The life of mine is 10 years. The Committee observed the following short-comings:

1. Form 2
2. Latest survey map certified by the Village Officer.
3. Malabar Wildlife Sanctuary is located 8.21 Km from the project area and hence proof of application submitted to NBWL.
4. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
5. Depth to water table in the nearest dug well along with its distance from the project boundary geo-tagged photograph.
6. Details listed as per OM dated 28.4.2023 of the MoEF& CC
7. Certified statement from the Mining & Geology Dept. showing the extraction details, balance resource available for mining

The Committee decided to invite the project proponent for a presentation.

Item No.4

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Jaison Lukose for an area of 0.9430 Ha at Re-Survey Nos. 46/500, 46/1114, 46/881 in Kalliad Village, Iritty Taluk, Kannur.
(SIA/KL/MIN/444274/2023, 2498/EC4/2024/SEIAA)**

Decision: The Committee examined the application. The total mineable reserve is 1, 65,586 MT, the annual production is 33117 MTA and the life of mine is 5 years. The highest elevation of the proposed area is 150 m AMSL and the lowest is 105 m AMSL. The Medium Hazard Zone is 1.58 Km away from the project area. The project proponent submitted Cluster Certificate dated 11.04.2023. The total project cost is Rs.110 Lakh. The Committee observed the following short-comings:

1. Latest survey map certified by the Village Officer.
2. Latest survey map certified by the Village Officer.
3. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
4. Depth to water table in the nearest dug well along with its distance from the project boundary geo-tagged photograph.

5. Detailed slope map of the area comprising 500m radius of the project site
6. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.5 Environmental Clearance for the Granite Building Stone Quarry of Sri. Reji Jacob (conversion of DEIAA to SEIAA) for an area of 1.0062 Ha at Block No. 10, Re-Sy No. 312/3, 322/7, 332/2 & 333/3 in Manakkad Village, Thodupuzha Taluk. Idukki (SIA/KL/MIN/447398/2023 ,2495/EC2/2024/SEIAA)

Decision: The Committee examined the application and observed that the quarry was issued Environmental Clearance from DEIAA vide File No. DEIAA-12/2017, EC No.05/2018 dated 28.02.2018. The highest elevation in the area is 70 m above MSL and the lowest elevation is 25.4 m above MSL. The maximum production capacity is 40,500.00 tonnes per annum. The project cost is Rs.188.1 Lakh. The Committee observed the following short-comings:

1. Form – 2.
2. Recent Cluster Certificate.
3. Certified Compliance Report from the MoEF
4. Modified EMP incorporating CER as per norms.
5. Latest survey map certified by the Village Officer.
6. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
7. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
8. Details listed as per OM dated 28.4.2023 of the MoEF& CC
9. Certified statement from the Mining & Geology Dept. showing the extraction details, balance resource available for mining

The Committee decided to entrust Dr. R. Ajayakumar Varma and Dr.Mahesh Mohan for Field Inspection and Report.

Item No.6 Environmental Clearance for the Granite Building Stone Quarry of M/s. Highland Silver Sands (P) Ltd for an area of 4.31 Ha at Re-Survey No.2/1(p) in Raroth Village, Thamarassery Taluk, Kozhikode (SIA/KL/MIN/447663/2023, 2484/EC2/2023/SEIAA)

Decision: The Committee examined the application and noted that the quarry was issued Environmental Clearance from DEIAA vide file No. 06/DEIAA/KL/MIN/3058/2016, EC No.06/2017 dated 15.07.2017.The highest elevation of the project area is 34.89m AMSL & the lowest is 14.65AMSL.The total mineable reserve is 22,13,230MT.The distance from the project

area to Vanaparvam Biodiversity Park is 8.38 Km and GCK Biodiversity Park is 4.04 Km. The distance from project area to Moderate Hazard Zone is 2.15Km and High Hazard Zone is 6.03 Km. The total project Cost is 383.2212 Lakh. The field level appraisal was undertaken on 5.8.2023 as per another file number. The data regarding depth to water table in the nearest dug well along with its distance to it from the project boundary and geo-tagged photographs of the well is required. **The Committee decided to invite the project proponent for a presentation.**

Item No.7 : **Environmental Clearance for the granite building stone quarry of Sri. K G Ajikumar for an area of 1.2328 Hectares, at Block No.-13, Re-Survey Nos. 394/4(p), 394/14(p), 394/15(p) ,394/16(p), 399/3-1(p), 399/3-1-2(p), 399/3-2-2(p), 399/3-2, 399/3-3, 399/3-3-2, 399/4, 399/4-2, 399/4-3, 399/4-4(p) & 396/5-1 at Kalayapuram Village of Kottarakkara Taluk, Kollam (SIA/KL/MIN/448332/2023 , 2491/EC1/2024/SEIAA)**

Decision: The Committee examined the application and noted that the total mineable reserve is 3,00,780 MT. The highest and lowest elevation of the project area are 120 AMSL and 85 m above MSL respectively. The distance from the project area to Moderate Hazard Zone is 11.30 Km. The total project cost is 127.5 Lakh. The Committee observed the following short-comings:

1. Clarification regarding mine life.
2. Clarification regarding NOC from the Irrigation Department as an Irrigation canal is located at around 70m
3. Revised CER as per the guidelines uploaded in the SEIAA website.
4. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
5. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
6. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the Proponent for presentation.

Item No.8: **Environmental Clearance for Granite Building stone quarry of Sri. Arshak Ali. E.K for an area of 2.0144 Ha at Block No -2, Re Survey Nos: 104/2B-09 & 104/2B44 in Kannamangalam Village, Thirurangadi Taluk, Malappuram. (SIA/KL/MIN/451347/2023, 2069/EC6/2022/SEIAA)**

Decision: The Committee examined the application and noted that the total mineable reserve is 757020 MT. The life of mine is 10 years. The highest and lowest elevation of the project area are 190 m MSL & 70m MSL respectively. The project proponent submitted the

cluster certificate dated 08.12.2021. The total project cost is 235 Lakh. The Committee observed the following short-comings:

1. Hazard zonation map indicating distance to the proposed mining area is not submitted.
2. CER as per the guidelines uploaded in the SEIAA website is to be provided.

The Committee decided to entrust Sri. V Gopinathan and Dr. A.V Raghu for evaluation of the EIA report, field inspection and report.

**Item No.9 Environmental Clearance for the Laterite Building Stone Quarry of Sri. Vinodan K for an area of 0.8441 Ha at Block No:197, Re-Survey Nos:73/221, 73/222, 73/223, 73/224, 73/225, 73/226 in Pattiyam Village, Thalassery Taluk, Kannur.
(SIA/KL/MIN/453804/2023, 2489/EC4/2024/SEIAA)**

Decision: The Committee examined the application and noted that the mineable reserve is 76,300 MT and the life of mine is 3 years. The cost of the project is Rs.35,12,400/-. The Committee observed the following short-comings:

1. Biodiversity Assessment Report
2. Recent Cluster Certificate
3. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
4. Compensatory afforestation plan along with geo-tagged photographs of the proposed area, ownership details of land and species proposed
5. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

**Item No.10 Environmental Clearance for Laterite Building Stone Quarry project of Sri. Manikandan P. V for an area of 0.3316 Ha at Survey No.65/1-1,65/8 in Anakkara Village, Pattambi Taluk, Palakkad.
(SIA/KL/MIN/453860/2023 , 2476/EC3/2023/SEIAA)**

Decision: The Committee examined the application and noted that the total mineable quantity is 49,740MT and cost of the project is 15 Lakh. The. The Committee observed the following short-comings:

1. Details on the depth of mining.
2. Modified CER as per the guidelines uploaded on the SEIAA –Kerala website.
3. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.

4. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.
5. Reason for not clubbing the proposal with proposal no. 2479/EC3/2023/SEIAA and not submitting integrated EMP

The Committee decided to invite the project proponent for a presentation.

Item No.11 **Environmental Clearance for Laterite Building Stone Quarry of Sri. Abdul Asees K.P for an area of 0.4856 Ha at Block No:37, Re-Survey No:32/177 in Kuttoor Village, Payyannur Taluk, Kannur. (SIA/KL/MIN/453983/2023 , 2490/EC4/2024/SEIAA)**

Decision: The Committee examined the application and noted the non-cluster certificate dated 21.11.2023 and other project details. The Proponent is direct to submit the geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings. **The Committee decided to invite the project proponent for a presentation.**

Item No.12 **Environmental Clearance for Laterite Building Stone Quarry project of Sri. Manikandan P. V for an area of 0.8609 Ha at Survey No.65/1-1, 65 in Anakkara Village, Pattambi Taluk, Palakkad. (SIA/KL/MIN/454085/2023, 2479/EC3/2023/SEIAA)**

Decision: The Committee examined the application and noted that the life of mine is 2 years and the project cost is 30 Lakh. There are two quarries working in the area and the cluster certificate dated 08.11.2023 is submitted. The Committee observed the following short-comings:

1. Reason for not clubbing the proposal with proposal no. 2476/EC3/2023/SEIAA and not submitting integrated EMP
2. Modified CER as per the guidelines uploaded on the SEIAA –Kerala website.
3. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
4. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.13

Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Jabir C.P for an area of 0.1942 Ha at Block No: 37, Re-Survey No: 32/177 in Kuttoor Village, Payyannur Taluk, Kannur (SIA/KL/MIN/454094/2023 , 2492/EC4/2024/SEIAA)

Decision: The Committee examined the application and noted that the mine life is 2 years, the project cost is Rs.6,11,500/- and the non-cluster certificate is submitted. **The Committee decided to seek geotagged photographs of the site and surroundings from all the boundary pillars and video of the total project area and its surroundings and also depth to water table in the nearest dug well. The Committee also decided to invite the project proponent for a presentation.**

Item No.14

Environmental Clearance for Laterite Building Stone Quarry project of Sri. Hussain Machinchery for an area of 0.9928 Ha at Survey No: 307/1A in Anakkara Village, Pattambi Taluk, Palakkad. (SIA/KL/MIN/454514/2023, 2496/EC3/2023/SEIAA)

Decision: The Committee examined the application and noted that the mine life is 3 years and the total project cost is Rs.2,601,000/-. There is a shed within 50m from the project area. The Committee observed the following short-comings:

1. Recent Cluster Certificate.
2. Modified CER as per the guidelines uploaded on the SEIAA –Kerala website.
3. Revised site specific EMP incorporating CER
4. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
5. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.15

Environmental Clearance for Laterite Building Stone Quarry project of Sri. P.Babu for an area of 0.1943 Ha at Block No:046, Re-Survey Nos:14/820 (14/444) in Pariyaram Village, Thaliparamba Taluk, Kannur. (SIA/KL/MIN/454776/2023, 2494/EC4/2024/SEIAA)

Decision: The Committee examined the application noted that the mine life is 2 years and the total project cost is Rs.6,99,400/-. The Committee observed the following short-comings:

1. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.

2. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.16

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

Decision: The Committee examined the application and noted that the mine life is 2 years and the total project cost is 20 Lakh. The Committee observed the following short-comings:

1. As per the work order dated 13.09.2023, the period mentioned is to complete the work within 3 months. Hence new work order is to be provided.
2. Revised survey map showing distance to all the houses, buildings and other built structures within 100m of the project boundary.
3. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
4. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.17

**Environmental Clearance for Granite building stone quarry project of Smt. Pradhiba for an area of 0.7527 Ha at Re-Block No. 35, Re-Survey Nos. 798/3, 798/6, 798/7 in Valiyavallampathy Village, Chittur Taluk, Palakkad.
(SIA/KL/MIN/455192/2023, 2499/EC3/2024/SEIAA)**

Decision: The Committee examined the application and noted that the total mineable reserve is 196662 MT and the mine life is 4 years. The project cost is 125 Lakh. The highest elevation and lowest elevation of the project area is 209m AMSL & 200m AMSL. The distance from project area to Moderate Hazard Zone is 14.12 Km. The Committee observed the following short-comings:

1. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
2. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.18

**Environmental Clearance for Laterite Building Stone Quarry project of Sri. Muhamed Anees P for an area 0.4812 at Resurvey No. 301/5, 302/3, 303/2 in Thachanattukara-2 Village, Mannarkkad Taluk, Palakkad.
(SIA/KL/MIN/456721/2023 , 2497/EC3/2023/SEIAA)**

Decision: The Committee examined the application and noted that the mineable reserve is 42,105 MT, the mine life is 2 years and the project cost is 15 Lakh. The Committee observed the following short-comings:

1. Revised CER as per the guideline published in the SEIAA website
2. Detailed drainage map.
3. Lithological section pertaining to the site
4. Recent cluster certificate
5. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
6. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

Item No.19

Environmental Clearance for the Laterite Building Stone Quarry project of Muhammed Afsal. T for an area 0.2816 Ha at Block No.14, Re-Survey No.38/2 in Muthuvallur Village, Kondotty Taluk, Malappuram (SIA/KL/MIN/456904/2023, 2493/EC1/2024/SEIAA)

Decision: The Committee examined the application and noted that the mine life is 1 year and the project cost is 15 Lakh. The Committee observed the following short-comings:

1. Depth to water table in the nearest dug well along with its distance from the project boundary and geo-tagged photographs of the well.
2. Geo-tagged photographs of the site and its surrounding from all the boundary pillars and a video showing the site and its surroundings.

The Committee decided to invite the project proponent for a presentation.

CONSIDERATION OF TOR PROPOSALS

Item No.1

Application for the Terms of Reference for the Granite Building stone quarry of M/s Sree Siva Granites for an area of 2.9727 Ha at Re Survey Nos: 428/pt in Thayannur Village, Vellarikund Taluk, Kasargod. (SIA/KL/MIN/455634/2023, 2472/EC4/2023/SEIAA)

Decision: The Committee examined the proposal and noted the details. Based on discussions, the Committee decided to recommend Standard ToR under category 1 (a) Mining of Minerals with the following additional studies:

1. Protection plan for the abandoned quarry in the northwest side of the project area.
2. Landslide susceptibility of the proposed site and surrounding areas using high resolution Digital Elevation Model
3. Breach potential of the quarry pit and possible disaster implications
4. Plan for access road.
5. Traffic management plan based on detailed traffic survey

Item No.2

Application for the Terms of Reference Granite Building Stone Quarry of M/s Nallayath Granites Pvt Ltd for an area of 0.9546 Ha at Block No:24, Re-Survey No.s: 120/1-12, 120/1-14 in Erumeli south Village, Kanjirappally Taluk, Kottayam. (SIA/KL/MIN/452786/2023, 2458/EC4/2023/SEIAA)

Decision: The Committee examined the proposal and discussed it in detail and observed that the PP has submitted 2 other ToR applications, viz., SIA/KL/MIN/453536/2023 (2473/EC4/2023/SEIAA), SIA/KL/MIN/453186/2023 (2459/EC4/2023/SEIAA), in addition to this application which are within 500m radius. The PP has submitted 3 separate mining plans also. As per the Hon'ble Supreme Court in I.A.Nos.12-13 of 2011, Deepak Kumar Vs State of Haryana and Others, etc. the splitting of projects is not allowed and the project proponent may be directed to submit a single ToR application by amalgamating the entire area with a single mining plan. Hence the Committee decided to recommend rejection of the application for ToR.

Item No.3

Application for the Terms of Reference for the Granite Building Stone Quarry of M/s Nalayyath Granites Pvt Ltd which is situated at Survey No's: 120/1-12,120/1-13, 120/1-14 over an area of 0.9308 hectares in Erumeli South Village, Kanjirappally Taluk, Kottayam (SIA/KL/MIN/453186/2023,2459/EC4/2023/SEIAA)

Decision: The Committee examined the proposal and discussed it in detail and observed that the PP has submitted 2 other ToR applications, viz., SIA/KL/MIN/453536/2023

(2473/EC4/2023/SEIAA), SIA/KL/MIN/452786/2023 (2458/EC4/2023/SEIAA), in addition to this application which are within 500m radius. The PP has submitted 3 separate mining plans also. As per the Hon'ble Supreme Court in I.A.Nos.12-13 of 2011, Deepak Kumar Vs State of Haryana and Others, etc. the splitting of projects is not allowed and the project proponent may be directed to submit a single ToR application by amalgamating the entire area with a single mining plan. Hence **the Committee decided to recommend rejection of the application for ToR.**

Item No.4 **Application for Terms of Reference for Proposed Granite Building Stone Quarry of M/s Nalayyath Granites Pvt Ltd which is situated at Survey No's: 120/1-13, 120/1-14,120/1- 15,120/1-15-1 over an area of 0.9884 hectares in Erumeli South Village, Kanjirappally Taluk, Kottayam (SIA/KL/MIN/453536/2023, 2473/EC4/2023/SEIAA)**

Decision: The Committee examined the proposal and discussed it in detail and observed that the PP has submitted 2 other ToR applications, viz., SIA/KL/MIN/452786/2023 (2458/EC4/2023/SEIAA) and SIA/KL/MIN/453186/2023(2459/EC4/2023/SEIAA), in addition to this application which are within 500m radius. The PP has submitted 3 separate mining plans also. As per the Hon'ble Supreme Court in I.A.Nos.12-13 of 2011, Deepak Kumar Vs State of Haryana and Others, etc. the splitting of projects is not allowed and the project proponent may be directed to submit a single ToR application by amalgamating the entire area with a single mining plan. Hence **the Committee decided to recommend rejection of the application for ToR.**

Item No.5 **Application for Terms of Reference for Building Stone Mine (Quarry, Minor Mineral Mining) project of M/s Mythree Granites for an area of 6.8800 Ha at Re-Survey No. 248/3, 248/5, 248/5-1, 248//5-B, 248/5-C, 249/4, 249/4-1, 249/5, 249/13, 249/14, 249/15, 249/16, 249/17, 249/18, 249/19, 249/21, 249/22, 252/1, 252/2, 252/3, 252/4, 252/4-A, 252/5, 252/6, 252/7, 252/8, 252/9-1, 252/9, 252/10, 252/11, 252/12, 253/3, 253/4, 253/5-1, 253/7, 253/8, 257/2, 257/2-A in Pazhayakunnummel Village, Chirayinkeezhu Taluk, Thiruvananthapuram.**

Decision: The Committee examined the proposal and discussed it in detail. As per the application, the project proponent proposed a crusher unit interlinked with the proposed quarry which is not permissible. Based on discussions, **the Committee decided to recommend Standard ToR under category 1 (a) Mining of Minerals with the following additional studies:**

1. Detailed slope study of the site and its surroundings
2. Traffic management plan based on detailed traffic survey

Item No.6

Application for Terms of Reference for Re-appraisal of EC issued by DEIAA through SEAC/SEIAA, Kerala for the project Granite Building Stone Quarry of Sri. V. Somasekharan Nair at Re-Survey No: 214/11 pt, 214/11-3 pt, 214/7 pt, 214/19 pt, 212/12 pt, 212/2-2, 212/3-1, 212/3-1-1, 212/3-2, 212/6 pt, 212/13 pt, 212/10 pt, 212/10-1 pt, 212/7 pt, 212/16, 212/9 pt, 212/1, 212/1-1, 211/12 pt, 211/13, 211/17, 211/11 pt, 211/16 pt, 211/4 pt, 210/27, 210/26 pt, 232/10 pt, 232/3, 232/2, 213/9, 213/9-1 pt & 213/12 pt in Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram.

Decision: The Committee examined the proposal and discussed it in detail. As per the Cluster Certificate, one working quarry of M/s. Travancore Blue Metal Industries Pvt. Ltd. having an area of 9.2152 ha is within 500m radius of the project area. Based on discussions, **the Committee decided to recommend Standard ToR under category 1 (a) Mining of Minerals with the following additional studies:**

1. Traffic management Plan based on detailed traffic survey
2. Specific control measures for dust pollution.
3. Landslide susceptibility of the proposed site and surrounding areas using high resolution Digital Elevation Model

Item No.7

Application for Terms of Reference for Granite Building Stone Quarry of M/s. Galaxy Granites over an area of 1.6322 Ha at Re-Survey No's. 26/6-2, 26/6-7, 26/6-11 in Mookkannur Village, Aluva Taluk, Ernakulam.

Decision: The Committee examined the proposal and discussed it in detail. As per the Cluster Certificate there is another quarry having an area 4.497 ha is within 500m radius. Based on discussions, **the Committee decided to recommend Standard ToR under category 1 (a) Mining of Minerals with the following additional studies:**

1. Protection plan for the old quarry on the Northwest side of the project area.
2. Plan for the development of access roads.
3. Breach potential of the quarry pit and possible disaster implications
4. Traffic management plan based on detailed traffic survey
5. Detailed slope study of the site and its surroundings

ADDITIONAL AGENDA

Item No.1 Environmental Clearance for Extending the validity of EC issued to Sri. Joby Joseph at Re Survey No: 433/2 (Old Sy. No. 26/1) in Kaduthuruthi Village, Vaikom Taluk, Kottayam. (SIA/KL/MIN/286560/2022, 2565/A2/2019/SEIAA)

Decision: The 104th meeting of the SEIAA decided to issue EC for the project for extracting ordinary earth of 8000 m³ subject to conditions with validity up to 3.2.2021. Sri. Joby Joseph submitted an application for Environmental Clearance *via* PARIVESH Portal on 23-11-2022, for extending the validity of EC, for an area of 0.4047 Ha. at Re Survey No: 433/2 (Old Sy. No. 26/1) in Kaduthuruthi Village, Vaikom Taluk, Kottayam. The proposal was placed in the 135th SEAC meeting held on 07th to 09th December, 2022 and 14th & 17th December, 2022. The Committee examined the proposal and observed that an EC dated 4.8.2020 was issued to Mr. Joby Joseph with period of validity of EC upto 3.2.2021. The EC was issued based on Letter of Intent from the Mining & Geology Department and no Mine Plan was submitted. The PP submitted an application for extension of EC offline on 7.1.2021 and online on 1.8.2022 online as advised by the SEIAA. The application is referred to SEAC on 4.12.2022. The Committee verified the documents and observed that there are buildings including a church office within 5.10m and road at 17m from the proposed site which is against the norms applicable. So, the committee decided to reject the proposal. The proposal was placed in the 122nd SEIAA meeting held on **7th January, 2023**. The Authority perused the item and noted the decision of SEAC in its 135th meeting. The Committee verified the documents and observed that there are buildings including a church office within 5.10 m and a road at 17m from the proposed site which is against the norms for the applicable distance. So, the SEAC recommended to reject the proposal. Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection. As per the decision of the 122nd SEIAA meeting rejection order was issued on 06-02-2023.

As per the time-limit Judgment of the Hon'ble High Court in WP(C) No. 10342 of 2023, the Project Proponent submitted a request along with consent from the Church, and the NOC from PWD Authorities. As per the direction of the Hon. Court, the 136th SEIAA meeting 09th January, 2024 reconsidered the application of the petitioner dated 23.11.2023 for extending the validity period of the Environmental Clearance. The Authority decided to direct SEAC to reconsider expeditiously the application submitted by the petitioner on the basis of the documents and judgement submitted, in the next meeting, considering the time limit in the Judgment. **On the basis of the direction of the SEIAA as per the Judgment, the Committee reconsidered the application submitted by the petitioner. Based on the documents submitted and considering the time limit in the Judgment, the Committee decided to recommend the extension of validity of Environmental Clearance for six more months subject to the following Specific Conditions in addition to the General Conditions:**

1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.
2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.
3. The excavation should be strictly according to the excavation plan submitted by the Proponent.
4. The excavation activity associated should not involve blasting.
5. The excavation activity should be restricted to 2m above the groundwater table at the site.
6. The excavation activity should not alter the natural drainage pattern of the area
7. Appropriate fencing all around the project area should be made.
8. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.
10. Workers/labourers should be provided with facilities for drinking water and sanitation.
11. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)
17. The Corporate Environmental Responsibility (CER) Plan should be implemented as per norms
18. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

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

As per the existing norms, the proponent has to submit the application along with all the required documents through Parivesh Portal to get the EC. Hence the direction of the Hon'ble High Court is complied herewith. The Project proponent has not applied to Parivesh portal to get valid EC.

GENERAL DECISIONS

The Committee noted that the submission of the Half Yearly Compliance Report needs regular monitoring and there is laxity from some of the EC holders in its submission. There is also delay in placing the important judgements of Hon. Courts and Office Memorandums from the MoEF & CC in the SEAC which constraints the Committee to take appropriate decisions at appropriate time. The Committee discussed the matter in detail and took the following decision.

1. As per the EIA Notification, the project proponent has to submit the HYCRs to SEIAA and IRO, MoEFCC during the EC period. However, many of the Project Proponent fails to submit HYCR. In this circumstances, the Committee decided to inform SEIAA that if the project proponent fails to submit the HYCRs consecutively for 2 periods, the Authority should issue stop memo to the project proponent and initiate action for violation and non-compliance with EC condition.
2. The Committee noticed the Judgment in WA No.617/2023 against the order dated 20.10.2021 in RP No.469/2021 in WP(C) No.3870/2020 (M/s Green Vistas Infrastructure Projects) was issued on 06.10.2023, but was placed in this SEAC. This caused a lot of delays in taking appropriate decisions as per the judgement. Such delay in informing the judgment shall be viewed seriously and action should be taken to inform the pertinent judgments and orders of the MoEF & CC to SEAC without any delay in future.

The Committee decided to convene its next meeting on 5th, 6th and 7th February 2024.

The meeting came to an end at 5.00 pm with a vote of thanks to the Chair.

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

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

LIST OF PARTICIPANTS:

Sl.No.	Name	16.01.2024	17.01.2024	18.01.2024
1.	Dr.R.Ajayakumar Varma (Chairman)	√	√	√

2.	Shri. Sheik Hyder Hussain	✓	✓	X
3.	Dr.A.Bijukumar.	X	X	X
4.	Dr.A.N.Manoharan	✓	✓	✓
5.	Shri. M.Dileepkumar	X	X	X
6.	Smt. Beena Govindan	X	X	X
7.	Dr.C.C.Harilal	✓	✓	X
8.	Dr.K.VasudevanPillai	✓	✓	✓
9.	Dr.MaheshMohan	✓	✓	✓
10.	Dr.K.N.Krishna kumar	✓	✓	✓
11.	Sri.V.Gopinathan	✓	✓	✓
12.	Dr.A.V.Raghu	✓	✓	✓
13.	Dr.N.Ajithkumar	✓	✓	✓