

**MINUTES OF THE 111th MEETING OF SEAC, KERALA HELD ON
2 - 4 JUNE, 2020 AT THE CONFERENCE HALL,
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

The 111th meeting of the SEAC Kerala was held during 2-4 June, 2020 observing all the lockdown protocols stipulated by the Government. The meeting started at 10.00 AM on 2nd June, 2020. The Chairman welcomed the members and observed that the meeting of SEAC could not be held during March-May, 2020 due to the lockdown. He further added that since a large number of proposals for grant of EC are pending, the backlog will have to be cleared to meet the timeframe stipulated in the EIA guidelines. The Committee then moved on to the deliberations on the agenda items.

Item No.111.01 **Minutes of the 102nd SEIAA Meeting held on 10th & 11th February 2020**

Decision: Noted

Item No.111.02 **Minutes of the 103rd SEIAA Meeting held on 24th & 25th February 2020**

Decision: Noted

Item No.111.03 **Minutes of the 110th SEAC meeting held on 11th & 12th February 2020**

Decision: Noted

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.04 **Application for ToR for the proposed granite building stone quarry project in Re Survey Nos. 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Mr.Jilmon John, Managing Partner, M/s Gimsak Developers Pvt. Ltd. (File No. 1388/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

Slope stabilisation measures between BP 1, 7 & 8 have to be followed.

Item No.111.05 **Environmental Clearance for the proposed granite building stone quarry project in Survey Nos. 110/2, 112/1, 112/3, 110/1, 109/1 in Akathethara Village, Palakkad Taluk, Palakkad District, Kerala by Mr.K.J.Thomaskutty, Managing Partner, M/s Mary Matha Granites (File No. 1385/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.S.Sreekumar & Dr.A.V.Raghu for field inspection.

Item No.111.06 **Application for Environmental Clearance for the proposed Granite Building stone quarry in Sy.No. 336/3-3, 336/3-4 & 395/1 of Alakode Village, Thodupuzha Taluk, Idukki District by Shri. Binoy Jose (File No. 1415(A)/EC2/2019/SEIAA)**

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

Item No.111.07 **Application for ToR for the proposed building and dimension stone quarry project in Sy.No.29/2, 29/3 & 30/4 of Thekkada Village & Survey Nos., 470,472/4/1, 474/1, ½, 472/5, 472/6,469/4/3/4, 469/4/3/3, 469/4/2, 469/4/1/1, 469/4/1/2, 469/4/1/3 & 469/4 of Manickal village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Mr.Raghunath Kunjukrishnan, Director, M/s Covenant stones Pvt. Ltd. (File No. 1422/EC1/2019/SEIAA)**

Decision: The Committee decided to furnish the copies of the two Mining Plans available in SEIAA files to the District Geologist, Thiruvananthapuram as requested by him vide Letter No.1455/DOT/.dated.22.02.2020.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.08 **Environmental clearance for the Proposed expansion of Caritas Hospital, Thellakom, Kottayam with the addition of a Hospital building, Geriatric Centre (Nursing Home) & Doctor's quarter's block, Block for Nuclear Medicine and an Amenity Centre in Phase I and a Staff Quarters block and multilevel mechanical car parking system in Phase 2 in Survey Nos. 188/10, 200/1, 200/2, 200/3, 200/4, 201/8, 201/8-1, 201/9, 201/9-1, 201/10, 201/15, 201/15-1, 201/24, 201/26, 201/26-1, 201/26-2, 202/3, 202/4-2 at Peroor Village, Kottayam Taluk, Kottayam District, Kerala by Fr. Thomas Animoottil, Director, M/s Caritas Hospital (File No.1184/A2/2018/SEIAA)**

Decision: The Committee decided to invite the proponent for hearing.

Item No.111.09 **Application for ToR for the proposed Granite building quarry project in Survey No. 271 of Manimala Village, Kanjirappally Taluk, Kottayam District, Kerala by Mr..V.M Sasideran Nair (File No. 1244/EC2/2019/ SEIAA)**

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

Item No. 111.10 **Application for Environmental Clearance for Granite Building Stone Quarry in Re Survey No.242/3,242/4 of Uzhavoor & 245/2,245/3 of Monipally Village in Meenachil Taluk, Kottayam District . No.1307/EC2/2019/SEIAA**

Decision: The Committee entrusted Dr.R.Ajayakumar Varma & Smt.Beena Govindan for field inspection.

Item No.111.11 **Terms of Reference for the proposed Building stone quarry project in Survey No.105/1B1 in Mananthavady Village, Mananthavady Taluk Wayanad District, Kerala by Shri.David.P.V, Authorized Signatory (File.No.1316/EC1/2019/SEIAA**

Decision: The Committee decided to recommend the issuance of EC subject to clearance from the National Board of Wild Life with the following specific condition in addition to the general conditions:

1) Proponent shall take slope stabilization measures as suggested in the report of the geotechnical study conducted in the area.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.12 **Environmental Clearance (EC) for the proposed Granite Building stone Quarry project in Survey No.911 & 912 in Thekkumkara Village, Thalappilly Taluk Thrissur District, Kerala State by Shri. K.J.Baiju (File No. 1339/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.S.Sreekumar & Dr.P.S.Easa for field inspection.

Item No.111.13 **Environmental Clearance for the proposed Building stone Quarry project in Re.Survey No.1472/3(P) in Thekkumkara Village, Thalappilly Taluk Thrissur District, Kerala State by Shri. K.J.Baiju (File No. 1350/EC2/2019/SEIAA)**

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

Item No.111.14 **Environmental Clearance for building stone quarry in Re Survey Nos 512/1-1,512/1-2,513/6,513/7-1,513/5,513/8, Block No.47 in Anikkad Village, Kottayam Taluk, Kottayam District, Kerala. File No-1397(A)/EC2/2019/SEIAA**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

1. *Gabion wall to be provided around the over burden dumping site.*
2. *Farm shed to be shifted from the present location to a safe area.*

Item No.111.15 **Application for Environmental Clearance for integrated complex “Sobha City”located in Survey No 217, 218,534 to 544, 546 to 556 in Puzhakkal , Guruvayoor road ,ThrissurDistrict, Kerala (File No 1449/EC2 /2019/SEIAA**

Decision: The Committee entrusted Dr.S.Sreekumar & Dr.P.S.Easa for field inspection.

Item No.111.16 **Application for Environmental Clearance for Granite building stone Quarry in Block No.03, Re Sy.No. 191/1,191/1-1,191/2in EdakkunnamVillage, KanjirapallyTaluk, Kottayam District (No2433/EC2/2019/SEIAA)**

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

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.17 **Application for Environmental Clearance for Granite building stone Quarry in Survey No 221 in Mundakkayam village, Kanjirapally Taluk, Kottayam District (No. 2434/EC2 /2019/SEIAA)**

Decision: The Committee entrusted Dr.R.AjayakumarVarma &Smt.Beena Govindan for field inspection.

Item No.111.18 **Application for Environmental Clearance of Granite Building Stone quarry in Survey No-176/2,176/7,176/8,176/9,176/10 of Edakkunnam Village, Kanjirappally Taluk, Kottayam District, Kerala for an area of 0.9708 hectares.No.2437/EC2/2019/SEIAA**

Decision: The Committee entrusted Dr.R.AjayakumarVarma & Smt.BeenaGovindan for field inspection.

Item No.111.19 **Application for Environmental Clearance of Granite Building Stone quarry in Block No.57 Survey No-149/1 of Moonilavu Village, Meenachil Taluk, Kottayam District, Kerala for an area of 0.4478 hectares. File No-2445/EC2/2019/SEIAA**

Decision: The Committee entrusted Dr.S.Sreekumar & Dr.N.Ajith Kumar for field inspection.

Item No.111.20 **Environmental Clearance for granite building stone Quarry in Survey Nos:14/8-2,14/8-3,14/6,14/20,14/23 & 14/24 in Neduvathoor village, Kottarakkara Taluk, Kollam District. No.2552/EC2/2019/SEIAA**

Decision: The Committee entrusted Sri.K.KrishnaPanicker & Sri.V.N.Jithendran for field inspection.

Item No. 111.21 **Application for Environmental Clearance for granite building stone quarry of Mrs.Thresiamma Thomas in Sy No.264/2 in Kanjirappally Village, Kanjirapally Taluk,Kottayam. No2804/EC2/2019/SEIAA**

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

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.22 Environmental Clearance for the Proposed Granite Building Stone Quarry mining project in survey no.s 91/1,91/1-1,91/1-3,93/3,kanakkari village, Meenachil taluk,Kottayam district, Kerala by Smt.Jubistiji, Pannamakal house, Kalathoor, Kanakkari, Kottayam (File no:1345/EC2/2019/SEIAA)

Decision: The Committee entrusted Shri.M.Dileep Kumar &Shri.G.Sankar for field inspection.

Item No.111.23 Environmental clearance for the Proposed Granite Building Stone quarry project in Block No.11 Re-Survey no.s 200/2,201/2,201/4,KanakkariVillage, Meenachil Taluk, Kottayam district, Kerala by Shri.Rajesh Mathew, Puthenpurrackal House,Pattithanam,Kottayam(No.1380/EC2/2019/SEIAA)

Decision: The Committee entrusted Sri.M.Dileep Kumar &Shri.G.Sankar for field inspection.

Item No.111.24 Environmental clearance for the Proposed Mining of heavy mineral sand in Chavara (Block-19) ResurveyNos. 29, 30, 31, 32, 33, 38, 39, 46,47,48,53,56,57,63,64,65,66,67,68,70,71,72,73,74,75,76,77,78,79,80,81, 82,86,87,88,89,90,91,92,93,94,97,120,121,122,123,124,125,126,127,129,147,148,149,151,152,153,154,NeendakaraReSurvey No.(Block22) 18, 19, 20, 21, 22, 23, 24, 25, 26,27,28 at Neendakara and ChavaraVillage, KarunagappallyTaluk, Kollam District,by M/s Indian Rare Earth Ltd.(File No. 931/A1/2019/SEIAA)

Decision: The Committee directed the proponent to file revised application specifically mentioning the mining area.

Item No.111.25 Environmental clearance for the Proposed Mining of heavy mineral sand in Neendakara (Block-22)Re survey Nos. 1 to 3,21/1 to 21/6,21/12,22/1 to 22/6,23/1 to 23/3,24/1 to 24/6,46 to 52,92 to 101 and the sea purampoke bounding west of Neendakara village,Block-22 containing an area of 55.53 Acres Chavara(Block19):Re survey Nos.25,26 to 29,33 to 37,40 to 46,49 to 52,54 to 56 at Thekkumbhagam (Neendakara) and ChavaraVillage, KarunagappallyTaluk, Kollam District by M/s Indian Rare Earth Ltd. (File No. 932/A1/2019/SEIAA)

Decision: The Committee directed the proponent to file revised application specifically mentioning the mining area.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.26 **Environmental Clearance for the proposed Building Stone Quarry project in Survey No: 524/2, in Kavanur Village, Eranad Taluk, Malappuram District, Kerala State .by Shri. Abdul Salam K.T (File No. 1245/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- 1) *Plant enough vegetation in the buffer.*
- 2) *Use only vehicles with carrying capacity less than 7 MT to transport raw materials.*

Item No.111.27 **Application for the proposed quarry project in Survey No. S.111/2-4 of Kodur Village, Perinthalmanna Taluk, Malappuram District, Kerala over an area of 0.3668 Ha by Shri. Moidu K (File No. 1348/EC2/2019/SEIAA)**

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

Item No.111.28 **Application for Environmental Clearance for the proposed Granite Building Stone Quarry project in Sy.No. 73/27 of Pullippadam Village, Nilambur Taluk, Malappuram District , Kerala over an area of 1.5209 Ha– by Shri.Noushad (File No. 1357/EC2/ 2019/SEIAA)**

Decision: The Committee directed the proponent to revise the application from ToR to EC. The Committee also entrusted Dr.S.Sreekumar & Dr.P.S.Easa for field inspection.

ItemNo.111.29 **Application for environmental clearance for removal of ordinary earth in Sy.No. 413/8-2 at Arakkapadi Village Kunnathnad Taluk, Ernakulam District by Smt.LisnaLatheef & Smt.LinsaLatheef [File No.2204/EC2/2019/SEIAA]**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

ItemNo.111.30 **Application for environmental clearance for removal of ordinary earth in Sy.No.121/10 at Vazhakkulam Village, Kunnathunad Taluk, Ernakulam District by Shri.James Jacob [File No.2205/EC2/2019/SEIAA]**

Decision: The Committee decided to invite the proponent for presentation with approved Mining Plan, since the quantity to be excavated is 3000m³ from an area of 8.5ares.

Item No.111.31 **Application for environmental clearance for removal of ordinary earth in Sy.No.26/1 at Kaduthuruthi Village, Vykom Taluk, Kottayam District by Shri.Joby Joseph [File No.2565/A2/2019/SEIAA]**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

ItemNo.111.32 **Application for environmental clearance for removal of ordinary earth in Sy.No.604/5-A,604/5-B,604/2-A,604/2-B at Onakkoor Village, Muvattupuzha Taluk, Ernakulam District by Shri.Saji.P.K [File No.2797/EC4/2019/SEIAA]**

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

Item No.111.33 **Application for environmental clearance for mining of Laterite Stone in Sy.No.82/1-33 at Kurumbathur Village, Tirur Taluk, Malappuram District by Shri.MuhammedFaizal [File No.2829/EC4/2019/SEIAA]**

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

Item No.111.34 **Application for environmental clearance for mining of Laterite Stone in Re.Survey.No.172 at Kodyathur Village, Kozhikode Taluk Kozhikode District Kerala by Shri.Nellikathadayi Ummar [File No.3374/EC4/2019/SEIAA]**

Decision: The Committee entrusted Dr.R.AjayakumarVarma & Dr.A.V.Raghu for field inspection.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

ItemNo.111.35 **Application for environmental clearance for mining of Ordinary earth in Re.Survey.No.400/4 at Arakkapadi Village, Kunnathnad Taluk, Ernakulam District Kerala by Shri.P.A.Paul [File No.2203/EC2/2019/SEIAA]**

Decision: The Committee decided to direct the proponent to submit the approved Mining Plan, since the proposal is for excavating a quantity of 40,000m³ of earth from an area of 1.4280 ha.

Item No.111.36 **Application for Environmental Clearance for mining of laterite stone in Sy.No. 65, at Anakara village, Pattambi Taluk, Palakkad District Kerala- by Shri.P.J.Jacob, (File No. 953/A2/2019/SEIAA)**

Decision: The Committee entrusted Dr.P.S.Easa & Dr.A.V.Raghu for field inspection.

Item No.111.37 **Environmental Clearance for proposed granite building stone quarry in Resurvey Block No.54, Re- Survey Nos.465/1, 465/2, 465/3, 468/6, 468/7 of Anangadi Village, Ottappalam Taluk, Palakkad District by M/s Grand Tech Sand & Aggregates Pvt Ltd (File No.1369/EC1/2019/SEIAA)**

Decision: The Committee entrusted Dr.P.S.Easa & Dr.A.V.Raghu for field inspection.

Item No.111.38 **Environmental clearance for the proposed Building Stone Quarry project in Survey No. 222/P in Pallur Village, Thalappilly Taluk, Thrissur District, Kerala Stateby Shri. Jamshid, T.H. (File.No.1257/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- 1) The buffer of the proposed quarry near the existing one should be filled up.*
- 2) Two 4 inch diameter pipes should be used for draining water from storage.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.39 **Application for the proposed quarry project in Survey No. 307/3, in Pulpatta Village, Ernad Taluk, Malappuram Dist. Kerala by Shri.VeeranKutty Poothanari (File No. 1280/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- 1) The discharge from the spring must not be blocked. Measures must be taken to ensure the continuous flow of water through drainage pipe.*
- 2) Extra space for buffer zone is to be provided outside the boundary line connecting BP2 and BP3.*

Item No.111.40 **Application for ToR for the proposed Granite Building Stone quarry project in Survey No. 257/1/2, 257/1/6, 257/1/7 of Elankur Village, Ernad Taluk, Malappuram District, Kerala over an area of 0.8945 Ha State by Shri. Faisal (File No. 1282 (A)/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.R.Ajayakumar Varma & Dr.A.V.Raghu for field inspection.

Item No.111. 41 **Application for Terms of Reference for Building stone quarry project in Survey No158/1,158/2,158/3,159 in Venganellor village, Thalappily Taluk, Thrissur District (File No.1397/EC2/ 2019/SEIAA)**

Decision: The Committee decided to invite the proponent for presentation along with clearance from NBWL.

Item No.111.42 **Environmental clearance for the proposed building stone quarry project in Re.Survey Nos. 272/1, 272/2, 272/3 at Malayattoor Village, AluvaTaluk, Ernakulam District, Kerala by Shri. Abdul Jabbar, Director, M/s Anugraha Metals and Sands Pvt. Ltd. (File No. 1209/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.43 **Environmental Clearance for the proposed granite building stone quarry project in Survey No. 8/9, in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Shri.U.I.John, Managing Partner, M/s Marthoma Granites (File No. 1413(A)/EC1/2019/SEIAA)**

Decision: The Committee decided to invite the proponent and the petitioner for hearing.

Item No.111.44 **Application for Environmental Clearance for building stone Quarry in Survey No 34/3-2,34/10,34/9,35/1-2,31/1-2,31/1-3,31/1-4,45/2,45/7,45/8-2,46/1-2,34/8,34/12,44/2-3,46/3,45/5,45/6,34/3,44/4 and 44/5,34/2 in Mancode village, Kottarakkara Taluk, Kollam District (File.No.2543/EC2/2019/SEIAA(Online File No. 1462/EC2/2019/SEIAA)**

Decision: The Committee entrusted Shri.G.Sankar & Smt.BeenaGovindan for field inspection.

Item No.111.45 **Environmental clearance for the proposed Granite Building Stone Quarry project in Survey No. 78/2, 79/1 in Meppayur Village, Quilandy Taluk, Kozhikode District, Kerala State by Shri. T. Haridasan (File No. 1270/EC1/SEIAA/2019)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- 1) *The garland drainage should be drained to the existing quarry lake.*
- 2) *The approach road needs to be widened to at least 7.5 m.*
- 3) *Two labourers should be designated exclusively for periodic cleaning of silttrap and garland canal.*
- 4) *Protection walls should be constructed for the OB dumping site to check spill over. The nearby crusher should have retention wall.*
- 5) *The existing vegetation between BP 3 and 6 needs to be maintained. Since the rest of the buffer zone is rocky, plant suitable species which can penetrate rocks in the buffer.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.46 **Application for Environmental Clearance for mining of Granite Building Stone Quarry project in Survey No 292/1 A of Vellad Village, Thaliparamba Taluk, Kannur District, Kerala by Shri. Mathew, M/s Alacode Granites (File No. 1277(A)/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.R.AjayakumarVarma & Dr.N.Anil Kumar for field inspection.

Item No.111.47 **Environmental Clearance for the proposed Building stone Quarry project in Survey 98/1 in Raroth Village, Thamarassery Taluk Kozhikode District, Kerala State by Shri. Haris.C (File No. 1285/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.R.AjayakumarVarma & Dr.N.Anil Kumar for field inspection.

Item No. 111.48 **Environmental Clearance for the Development of Govt.Medical College cum Hospital in Sy.No.643 at Iravan Village, Kodencherry Taluk, Pathanamthitta District, Kerala by The Principal – In - Charge, Konni Medical College (File No. 810.A/SEIAA/EC4/2373/2015)**

Decision: The Committee discussed and accepted the Field Inspection Report. The Committee decided to direct the Project Proponent to submit the EIA report and Environmental Management Plan as per the relevant rules and guidelines and also considering the specific ToR given hereunder. The project proponent is also directed to include the assessment of ecological damage, remediation plan and natural and community resource augmentation plan specifically addressing the highland terrain ecosystem characteristics and wildlife conflicts, if any.

- 1. Providing a strong compound wall around to protect from any possible wild animal depredation in the campus and to prevent littering and other damages to the adjacent forest ecosystem, since the area is likely to develop as township and likely to impact the nearby forest.*
- 2. Actions for protecting the forest from further degradation including provision for a 'No Development Zone' of appropriate width between the forest boundary and the buildings.*
- 3. Compliance with the Panchayat Rules for the construction of buildings.*
- 4. Actions for widening and improving the main road leading to the private road of proposed project, for accommodating the traffic during the operational phase of the project.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

5. *Alignment of internal roads especially the road from the waste storage location.*
6. *Adoption of MBR Technology for Aerobic Treatment of Sewage instead of MBBR unit with Settling and Ultra Filtration Unit proposed, for avoiding Settling Tanks, Ultra Filtration Unit and for ensuring cent percent reuse of treated water.*
7. *Actions for treatment of slowly degradable solid waste (General Waste) in the proposed on-site Organic Waste Converter (Aerobic Compost Unit) and remaining quantity of easily digestible biodegradable waste in biogas plants of suitable capacity in the compound and utilisation of biogas in the canteen for hot water generation.*
8. *Actions for establishing collection, storage and management of non-degradable waste.*
9. *Actions for handling infectious waste as per relevant Rules.*
10. *Action for developing a green belt around the project site with local species of plants and trees, its potential for minimising pollution and requirement and feasibility of other afforestation plan, if any.*
11. *Feasibility and actions required for providing proper Storm Water Drainage System to prevent flooding/water logging during monsoon.*
12. *Feasibility and plan of actions required for providing Rain Water Harvesting pond in the open land available for meeting the water requirement and excess water for recharging local aquifer.*
13. *Action for avoiding discharge of excess treated effluent drained directly or indirectly to natural drains inside or outside of the compound and their maintenance protocol.*
14. *Actions for management of increased intensity and magnitude of traffic during the construction as well as operation phases.*
15. *Augmented use of non-conventional energy and its action plan including operational plan for un-interrupted power supply*
16. *Feasibility and the extent of adoption of green building code*
17. *Plan of action for a landscape development with special care for soil conservation and greenery development*
18. *Feasibility for developing horticultural therapy and required modification in the landscape plan as part of the palliative care program.*
19. *Greening the open sky area and possibility of providing aquariums.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.49

Application for Environmental Clearance for granite building stone quarry in Re Survey No.233/4,233/5,233/9 in Vellavoor Village, Changanaserry Taluk, Kottayam District (File No.2431/EC2/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) Revise drainage plan adding more silt traps and outflow details. Garland Canal shouldn't be inside buffer zone.*
- 2) Land use map within 500 m radius*
- 3) Revise project cost considering fair value of land, actual cost of infrastructure and EMP cost.*
- 4) Revise CER activities suitable for the people living near to the quarry area. Preference may be given for water conservation, rainwater storage and solar lighting. CER activities must be quantified for proper monitoring*
- 5) An agreement may be made between the quarry and nearby crusher owners about the functioning to minimize the ground vibrations.*
- 6) Greenbelt development in the buffer zone must be taken up in the first year itself to reduce dust.*

Item No:111.50

Environmental Clearance for the building stone quarry mining project in survey no.s 200/1C,Bellur village, Vellarikkundtaluk, Kasargod district, Kerala by Shri. Nivin Ravi, Mg Partner,M/s Aidan Group, Building No.PP-X/283, Main Road,Peralassery P.O, Mundalur, Kannur(No.1405(A)/EC1/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) The drainage plan shall be modified to the effect that surface water from the highest contour in the North East can drain into the main storm water pond.*
- 2) The area adjacent to BP3 and BP4 should be planted with native trees at a width of about 20 m. The vegetation of rubber should be retained to act as buffer. An undertaking to the effect should be submitted.*

**Sd/-
Mir Mohammed Ali I.A.S
Secretary**

**Sd/-
Dr.C.Bhaskaran
Chairman**

Item No.111.51

Application for Environment Clearance for the proposed Granite Building Stone Quarry project in Survey No. 20 of Panakkad Village, ErnadTaluk, Malappuram District, Kerala by Shri.Kunnummal Ali Haji, (File No. 1290/EC2/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) The area has an abandoned quarry nearby. But the present proposal does not include this. The general slope is towards North East.*
- 2) Cluster certificate submitted is dated 30.7.2018.A recent one must be produced from District Geologist.*
- 3) Project cost must be reworked. Cost for tree planting also must be included while working out the project cost.*
- 4) CER also must be reworked with year wise details. Consent from beneficiaries must be attached.*
- 5) Biodiversity Assessment has to be done and submitted.*
- 6) Drainage Plan for 500 m radius with contour need to be done and submitted.*

Item No.111.52

Application for ToR for mining of Granite Building Stone Quarry in Survey Nos 178/1, 179/pt, Block No: 56 in Morayur Village, KondottyTaluk, Malappuram District, Kerala for an area of 2.1404 hectares.Malappuram District by Shri.Muhammad Faisal K. P(File No-1300/EC/2019/SEIAA)

Decision:

The Committee discussed the Field Inspection Report and decided to reject the proposal by considering the following facts:

- 1) The proposed site falls within the moderate hazard zone.*
- 2) The slope is very steep and overburden is very thick.*

**Sd/-
Mir Mohammed Ali I.A.S
Secretary**

**Sd/-
Dr.C.Bhaskaran
Chairman**

Item No.111.53 **Environmental clearance for the proposed quarry project in Survey No. 163 (BLOCK NO.22),2/2-2,2/4-3,2/4-2,3/1-2,2/3,2/2-3,2/4-4,2/4-5 (BLOCK NO.27) in Urangattiri Village, Ernad Taluk, Malappuram District, Kerala by Shri. K.V. Moideen Koya, M/s Kallarattikkal Granites (File No. 1230/EC2/2019/SEIAA)**

Decision: The Committee discussed the Field Inspection Report. The Committee also examined the complaint of Shri.Velayudhan. As the area falls under high landslide risk area, the Committee decided that EC cannot be recommended.

Item No.111.54 **Application for Environment Clearance for the Expansion of existing Hospital Buildings within the existing hospital complex of M/s Welcare Hospital in SyNos 865, 864/1, 864/2, 911/1, 867/1, 909/1, 909/2, 866/1, 864/2-5, 935/1-5, 935/1-4, Poonithura Village, Kochi Municipal Corporation, Kanayannur Taluk, Ernakulam District, Kerala. (File No. 1384(A)/EC2/2019/SEIAA) – Reg.**

Decision: The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) *The excess quantity of excavated soil is not specified in the application and should be estimated and plan prepared for giving it to Govt. agencies for ensuring utilisation of it for public works.*
- 2) *Plan for developing a green belt with local species of trees at boundary of the compound all around, especially near to the habitation area in addition to the proposed 829.31 sq. m.*
- 3) *Plan for increasing the Solar lighting system proposed from 15 % to at least 30 % of energy usage, and it should be extended to all available roof top.*
- 4) *As part of CER, select a nearby Water Channel for developing and maintain the same in the name of Hospital for at least 5 years or further period and hand over the same to Kochi Municipal Corporation (KMC). Selection and eco-friendly upkeep of the water body shall be done with the involvement of KMC. A Report / commitment on the planned action is to be submitted.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.55 **Application for environmental clearance for mining of Laterite stone in Resurvey.No.384/1, Block No.13 of Muthuvalloor Village, Kondotty Taluk, Malappuram District, Kerala by Shri.Sidheeq.T.P.(File No. 1345/A2/2019/SEIAA)**

Decision: The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) *Revise the application as per the approved mining plan. The Boundary Pillars be fixed as per the revised plan.*
- 2) *Photos of the revised project area with Boundary Pillars.*

ItemNo.111.56 **Application for environmental clearance for mining of Ordinary earth in Sy.No.364/3, 364/7, 364/6, 364/5-2, 364/4, 364/2, 364/11, 364/10, 364/4-2 at Kizhakke Kallada Village, Kollam Taluk, Kollam District by Shri.Johnson Yohannan[File No.2756/EC4/2019/SEIAA]**

Decision: The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) *The proponent has to be advised to explore possibility of using the earth for government works. If such demand is not there the proponent has to submit evidence to prove Sy nos.144/10, and 144/13 owned by Shri..Soman in KizhakkeKallada Village and and Sy.Nos. 674/3-1, 674/3-2 owned by Shri.Raju in Adinaduvillage are purayidam lands.*
- 2) *No Objection Letter from concerned Village Officers.*

Item No.111.57 **Application for an extension of Environmental Clearance for mining of brick earth in Sy.No.135/20-1 & 135/20-2 at Ennakkadu Village,Chengannur Taluk, Alappuzha District by - Shri. Sarasan, K.S, (File No. 251/A2/2019/ SEIAA)**

Decision: The Committee decided to recommend the extension of EC for the remaining quantity of 1266 MT of brick clay subject to the condition that the maximum depth of excavation should not go beyond 1.6 m.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

The Committee also recommended that the period of EC should be minimum of three months from the date of issuance of permit from Mining & Geology Department to avoid further extensions. Seasonal aspects to be considered while deciding time period for EC.

SEIAA may take up the matter of delay in issuing permits by Mining & Geology Department after SEIAA has granted EC.

ItemNo.111.58

Application for environmental clearance for mining of ordinary earth in Sy.No.368/1,368/2,368/3,370/13,370/14,370/15,370/22 at Mullurkara Village, Thalappilly Taluk, Thrissur District, Kerala by Shri.Shaju,P.H [File No.2969/EC4/2019/SEIAA]

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1. Permanent labeling on boundary pillars is required.*
- 2. Approved mining plan from district Geologist is to be produced. The plan seems to be wrongly depicted. The plan has to be thoroughly checked once submitted.*
- 3. Consent letter from the owner of the land where the excavated ordinary earth will be dumped or the work order for which the removed earth will be used.*
- 4. A house is seen just 10 m from the site. Consent letter from the neighbouring house owner is required.*
- 5. Depth of water table (pre monsoon and monsoon) is to be provided.*
- 6. Correct name of the applicant has to be given in page no.2 of the project proposal.*
- 7. Electrical line (jumper) is passing through the proposed excavation area. These have to be either shifted or a letter from KSEB has to be obtained regarding the safety of this line once excavated.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No. 111.59

Judgment dated 4.10.2019 in WP(C) No.31684/2016 filed by TomyThomas (File No.1255/EC4/2016/SEIAA) (Common Judgment in WP © 31684/2016, WP (C).15505/2016 &WP (C) 25529/2019)

Decision:

The Committee accepted the observations in the Field Inspection Report and decided that the environmental and social safeguard of the building stone quarry has to be evolved through a detailed Environmental Impact Assessment study and precise Environmental Management Plan for the proposed project. The EIA should cover the impact of the activities of the proposed project in and around the site within an impact zone of 3km radius. The impact assessment should specifically cover the impacts on:

- (i) All the buildings and constructed structures within the radius of 500m and the impact due to the proposed blasting;*
- (ii) Different types of buildings and constructed structures within the impact zone of 3km radius and the impact due to the proposed blasting;*
- (iii) Air quality and noise level of the impact zone due to blasting and transportation;*
- (iv) Surface drainage;*
- (v) Groundwater levels due to blasting and consequent vibration;*
- (vi) Sloping terrain with special reference to the possibility of inducing landslides;*
- (vii) Biodiversity and*
- (viii) Social aspects including employment, income and involuntary land acquisition.*

The study should cover an area of 3km radius of the proposed mining spot. A detailed land use and land cover map of an area covering 500m radius of the proposed mining spot should also be submitted. The Committee decided to direct the proponent to submit the above details/documents so that a studied decision can be taken on the matter.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.60

Interim Order dated 08.11.2019 in WP (C) No. 29023/2019 filed by Manikampara Granites Pvt.Ltd. (No.4089/A2/19/SEIAA)

Decision:

The Committee accepted the Field Inspection Report. As per the Field Inspection Report the following information has to be communicated to the SEIAA:

1. *The project site is located on a hill slope and the part of the project area was quarried based on several quarrying permits received from the Department of Mining & Geology in the past (the last permit valid till 6-12-2016). Benches are provided in the already quarried part of the site but not according to the rules.*
2. *The nearest habitation (Kallampara colony) is nearly 150 metres from the project site. It is on the northern side of the quarry face, on the same flank. Though the distance between the settlement and quarry is greater than 100 metres, relatively steep slope and its direction make the situation risky. Minor cracks were found on the walls of a few houses in the habitation, which according to the family members were caused due to earlier quarrying.*
3. *The landslide during the floods which resulted in the death of people was located away from the project site. Kuranchery slide scar where landslip killed people is situated nearly 1.2 km (aerial distance) from the proposed site. However, the residents of the nearby habitation reported that the area on the downhill side of the quarry was partially submerged during 2018 floods.*
4. *The project received in NoC from the Kerala State Electricity Board (KSEB) on 13-9-2017 which was valid for a period of one year. One of the conditions for NoC was that the quarry operations are not permitted within 100 metres from the tower line of KSEB. However, during the field inspection, it was found that one of the boundary pillars is located just below the tower line of KSEB. Hence, changes are required in the present mining plan.*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.61

WP (C) No.9656/2019 filed by Shri.Unnikrishnan. K.P (File No.4429/A2/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to inform the SEIAA that the proponent has not followed the EC conditions.

Item No.111.62

Application for Environment Clearance for mining of Granite Building Stone quarry project in Survey No. 1/1A in Pulamanthole Village, Perinthalmanna Taluk, Malappuram District Kerala by Shri.Abdul Azeez Kottakkaran (File No. 1309/EC2/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. The actual transportation plan including details of widening, strengthening and dust mitigation.*
- b. A detailed landuse plan of the area falling within 500m radius of the proposed site.*
- c. A detailed safeguard plan for the proposed mine as well as a detailed risk mitigation plan.*
- d. A revised plan for the storage of top soil, overburden and mine waste and the safe guard measures proposed for the storage site.*
- e. A detailed plan for storage and supply of water required for domestic requirements as well as for meeting the requirement for environmental management.*
- f. A revised project cost estimate, taking into consideration the land cost, the road laying/improvement, basic infrastructure facility, minimum essential equipment etc.*
- g. A revised CER in accordance with the revised Project Cost as well as incorporating the environmental and social safeguard measures in the neighbouring areas indicating monitorable targets and feasible locations arrived at in consultation with the Local Government.*
- h. If the existing open well is proposed to be used for meeting the water requirement, then a yield test conducted by a hydrogeologist should be submitted.*

**Sd/-
Mir Mohammed Ali I.A.S
Secretary**

**Sd/-
Dr.C.Bhaskaran
Chairman**

Item No.111.63

Application for ToR for the proposed Granite Building Stone quarry project in Survey No. 355/Pt of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala over an area of 0.9042 Ha. by Shri. Saithalavi.C (File No. 1336/EC2/2019/SEIAA)

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

1. *The proponent has to rework the project cost by incorporating all costs including land cost in accordance with revenue records, cost/rent of equipment, cost for road laying/improvement, cost required for providing basic minimum infrastructure facility for social needs of the employees and cost of EMP.*
2. *The CER should be revised in accordance with the revised Project Cost and as well as incorporating the environmental and social safeguard measures in the neighbouring areas indicating monitorable targets and feasible locations arrived at in consultation with the Local Government.*
3. *Consent of the owners of the two adjacent land abutting the proposed mine (Sy. No. 353 & 354) or revise the mine plan leaving 50m buffer between the mine boundary and the boundary of the above plots.*

Item No.111.64

Application for Environmental Clearance for granite building stone quarry in Block No.20, Re Survey No184, 184/2 in Vallichira Village, Meenachil Taluk, Kottayam District. No 1334 /EC2 /2019/SEIAA

Decision:

The Committee accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. *Location map of the project site overlaid on the Hazard Zonation Map of the district*
- b. *Map showing drainage system, silt traps, temporary storages required for water clarification etc.*
- c. *Map showing the location of the storage site for top soil and overburden*

Sd/-
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Secretary

Sd/-
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Chairman

- d. Detailed cost estimate for implementation of environmental management plan including mine closure plan, afforestation plan (green belt development, bench plantation etc) and other environmental mitigation requirements.*
- e. Revised project cost taking into consideration the land cost, infrastructure requirement, cost required for implementation of EMP etc.*
- f. Detailed CER Plan in accordance with GoI guidelines and in consultation with the local government which should contain monitorable targets and locations.*
- g. Biodiversity assessment details using quadrats for quantitative information*
- h. Authenticated survey map indicating the structures including houses, roads etc and the distance to them.*

Item No.111.65

Application for Environment Clearance for the Expansion of existing Hospital Buildings within the existing hospital complex of M/s Welcare Hospital in SyNos 865, 864/1, 864/2, 911/1, 867/1, 909/1, 909/2, 866/1, 864/2-5, 935/1-5, 935/1-4, Poonithura Village, Kochi Municipal Corporation, Kanayannur Taluk, Ernakulam District, Kerala. (File No. 1384(A)/EC2/2019/SEIAA) – Reg.

Decision:

Agenda item cancelled as it is a repetition of Item No.111.54.

Item No.111.66

Review of Environmental Clearance for the Granite Building Stone quarry project in Survey No. 172, at Kodyathur Village and Panchayath, Kozhikode Taluk, Kozhikode District, Kerala by M/sTheUralungalLabour Contract Co-operative Society Ltd. No. 10957 (File No. 135/SEIAA/KL/2563/2013)

Decision:

The Committee accepted the Field Inspection Report and decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- a. Frequency and spatial coverage of sprinkling of water for containing the fugitive emission in the mine and immediate surroundings should be enhanced.*

**Sd/-
Mir Mohammed Ali I.A.S
Secretary**

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Chairman**

- b. Two more check dams have to be constructed across the stream letting out the overland flow out of the of the project area so as to arrest direct flow and provide adequate settling time. The check dam has to be constructed in the lower portion of the stream.*
- c. More silt traps should be provided along the garland drain system so as to improve the water clarification process.*
- d. Sprinkling of water has to be extended to the public road up to the nearest town, about 4km, at least once in a day*
- e. Utmost care should be taken to comply with the conditions stipulated for maintaining benches as per the mining plan.*
- f. Sprinkling of water all around the crusher within the project area should be done whenever the crusher is under operation.*
- g. Utmost care should be taken to enforce the use of protective equipment such as ear muffs, helmet, etc. by the workers.*
- h. Weekly drill involving all the workers and employees in the project site should be done to impart the preparedness and precautions with respect to risks, accidents, environmental safeguards etc. and record maintained.*
- i. Detailed map showing the garland drain laid and planned, silt traps, sedimentation storages etc., should be generated and submitted to the SEIAA within one month. Also a detailed write up on the water clarification process in practice at present and the improvisation plan with execution time-line for completion of the structures before the next monsoon should be submitted within one month. The water clarification system including the improvised garland drainage, silt traps and sedimentation system should be in place in time.*
- j. At least 1000 trees of local species should be planted and nurtured within next 5 years, at least 200 trees per year.*

ItemNo.111.67

Application for environmental clearance for removal of ordinary earth in Sy.No.270/6 & 270/3 at Kulakkada Village, Kottarakkara Taluk, Kollam District by Shri.Thambu.S [File No.916/A1/EC1/2019/SEIAA]

Decision:

The Committee decided to recommend the issuance of EC subject to the general conditions.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

ItemNo.111.68 **Application for environmental clearance for mining of brick clay in Sy.No. 111/1 & 111/2 in Puthoor Village, Kottarakkara Taluk, Kollam District by Shri.P.Sundaran,[File No.929/A1/2019/SEIAA]**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

Item No.111.69 **Application for environmental clearance for mining of Laterite Stone by Shri.VibinSivadas [File No.2558/EC2/2019/SEIAA]**

Decision: The Committee decided to recommend the issuance of EC for a quantity of 32859 MT of laterite stone subject to the following specific conditions in addition to the general conditions:

- 1) Top soil is to be used for refilling.*
- 2) 2 meter benches have to be formed.*

Item No.111.70 **WP (C) 19311/2019 filed by Shri. V.N.GopinathanPillai – Judgment (File No.2806/A1/2019/SEIAA)**

Decision: The Committee entrusted Dr.P.S.Easa, Shri.G.Sankar, Dr.N.Ajith Kumar & Shri.K.KrishnaPanicker for field inspection.

Item No.111.71 **Environmental Clearance for the Proposed Group Housing Project, GREEN VISTAS – “PRAKRITI” at Re-survey No.359/3, of Kakkanad village, Thrikkakara Municipality, KanayanurTaluk, Ernakulam District, Kerala by Shri.SaurabhGulechha, Chief Operating Officer, M/s Green Vistas Infrastructure Projects. (File No. 1189 (A)/EC2/2018/SEIAA)**

Decision: The Committee decided to inform the SEIAA about the facts contained in the following Table: (Abstracted from the Field Inspection Report)

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Violations noted for not obtaining prior EC for the construction of Group Housing Project

Sl .No	Ground / facts	Remarks
Background		
1	<ul style="list-style-type: none"> The proposed project is a residential project with 500 apartments with club house, first aid room, convenient shops and swimming pool. The project, located in Kakkanad Village, Thrikkakara Municipality in Ernakulam district, is for construction of 5 residential blocks with parking provision for 550 cars. The total plot area of the proposed project is 1.503 ha. The total built-up area, as per the application, is 75,886 sq. m. The total project cost is Rs 84.63 crores. The project site falls within Latitude 10°01'06.25"N&Longitude 76°22'06.90"E. The project is covered under Category B of item 8(a) of EIA Notification 2006. 	The construction for the residential project started on February 5, 2006. Three distinct phases have been observed in the application process in the case of the present project
	<ul style="list-style-type: none"> NOC from Thrikkakara municipality on 4-2-2006 Building permit from Thrikkakara municipality on 22-12-2014 for 61517 sq. meters which was valid for 3 years (till 21—12-2017). The validity of the building permit was further extended for 3 years (valid up to 20-12-2020) even while the Kerala Municipality Building Rules as amended on 1-2-2013 (G. O. (MS.) No. 46/2013/LSGD) clearly mentions the following: <i>In the Buildings and Construction projects having built-up area not less than 20,000 sq. metres and other activities as specified in the schedule to the Notification No. S.O.1533(E) dated the 14th September, 2006 and amendments thereto, issued by the Ministry of Environment and Forests, Government of India, require prior environmental clearance from the State Level Environment Impact Assessment Authority (SEIAA) Kerala/Ministry of Environment and Forests, the Local Self Government Institution shall not issue permit without ensuring a valid prior environmental clearance.</i> 	The project proponent proceeded with construction of 61, 517 sq m without EC. Hence violated the E (P) Rules.
2	<ul style="list-style-type: none"> The proponent submits application for EC to SEIAA, Kerala on 13-8-2012. Violation of EIA Notification 2006 was noticed by SEAC during the appraisal of the project on 2-3-2013 and the proceedings after violation was intimated to the proponent by SEIAA (letter dated 7-9-2015). SEIAA, Kerala recommends to Government of Kerala to initiate violation proceedings against the unit. However, no such proceedings were initiated. The 39th meeting of SEIAA reconfirmed the earlier decision. As per the letter of MoEF&CC approving the ToR of EIA, by February 2012, at that time 38.9% of the built-up area was completed. 	Application submitted before the MoEF& CC after 6 years, thus it is a violation.
3	<ul style="list-style-type: none"> The proponent submits application to MoEF&CC on 14-3-2017 under the provisions of the Notification of MoEF&CC dated 14-3-2017 wherein one time opportunity was given to projects which commenced activity without getting EC. As per the letter from MoEFF& CC (Impact Assessment Division) dated 11-4-2018, the ToR for EIA was approved based on the recommendations of the EAC meeting held during 19-21 February, 2018. 	ToR for Violation got approved by MoEF& CC, Govt. of India. Hence the project proponent was aware of the violation.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

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Dr.C.Bhaskaran
Chairman

4	<p>The following decisions of the EAC , Govt of India were also communicated to the proponent, as per recommendations of EAC vide dated 11.04.2018 the ToR approved by :</p> <ul style="list-style-type: none"> State Government/SPCB to take action against the proponent under the provisions of Section 19 of the Environment (Protection Act), 1986 and further no consent to operate/occupancy certificate to be issued till the project is granted EC. The project proponent shall be required to submit bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalised by the regulatory authority. The bank guarantee shall be released after successful implementation of EMP and after the recommendations of the concerned Regional Office of the Ministry, the EAC and approval of the regulatory authority 	Hence, it is a violation case and the remediation Plan and Bank Guarantee are required to be furnished.
5	<ul style="list-style-type: none"> Vide notification dated 8-3-2018, all category B violation projects which were pending at MoEF& CC were transferred to respective SEIAA. Subsequently, the proponent submitted the EIA report to SEIAA, Kerala and the project was appraised in the 89th meeting of SEAC. SEAC asked the proponent to furnish additional details of the project. 	The project proponent has initiated action for remediation for the violation.
6.	<ul style="list-style-type: none"> The proponent presented the report of the EIA study prepared on the basis of the TOR approved by the EAC of MoEF&CC in the 103rd meeting of SEAC. SEAC constituted a sub-committee. 	SEAC considered the ToR for Violation issued by MoEF& CC
7	<ul style="list-style-type: none"> The Sub Committee visited the site and interacted with the proponent and the consultant on 2-11-2019. 	
Present Status		
8	<ul style="list-style-type: none"> The Sub Committee visited the site on 2-11-2019 and interacted with the proponent and the consultant. 	
9	<ul style="list-style-type: none"> The project received occupancy certificate from Thrikkakara Municipality for Block I on 23-12-2014. The project received occupancy certificate from Thrikkakara Municipality for Block II was obtained on 17-2-2017. 	
10	<ul style="list-style-type: none"> Integrated Consent to Operate (Renewal) from Kerala State Pollution Control Board issued on 25/07/2017 which was valid up to 30-06-2018. 	But the MoEF specified that Consent to Operate from KSPCB will not be issued to the project without EC. Hence the ICO issued is not in order.
11	<ul style="list-style-type: none"> The project is for the construction of a multi-storied residential apartment (5 Blocks; Floors: Level 1, 2,3,4 + Ground +15 floors). As per the proposal, the total built up area of the project is 75886 sq. metres. But the building permit received from Thrikkakara Municipality is only for 61517 sq. metres. The EIA report prepared by project proponent states that 29492.48 sq. metres (38.9% of the proposed area; 2 blocks) have been constructed without EC. EIA notification 2006 approved by the EAC of MOEF & CC in its 4th meeting held during 19-21, February, 2018 also recorded that only two blocks have been completed. 	It may also be noted that the ToR approved by MoEF is for EIA violation.

Sd/-
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Secretary

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Chairman

12	As per the application submitted by the proponent for EC on 27-11-2018 to SEIAA, it is stated that out of the five blocks, the construction of two blocks has been completed.	During the site visit, it was found that the construction of three blocks out of the total five blocks have been completed and the construction work of the 4 th block was in progress (See Image 1). Ground levelling work of Block 5 was also in progress at the time of site visit (see Image 2). Thus, it is clear that the proponent continued the construction activity even after filing application for initiating violation proceedings.
13	<ul style="list-style-type: none"> The reason stated by the proponent for starting construction was 'ignorance of law'. But the proponent continued the construction activities even after submitting application for environmental clearance and after receiving the letter from the MoEF&CC granting approval of ToR wherein it was clearly mentioned that "further no consent to operate or occupancy certificate to be issued till the project is granted EC". This amounts to blatant violation of the law. 	This indicates violation of E (P) Rules.
14	<ul style="list-style-type: none"> There is difference in the total built-up area as per the application for EC (75886 sq.m) and that approved by Thrikkakara Municipality as per Building Permit issued to the proponent (61517 sq.m). 	This indicates the difference in approved plinth area received from Local Body and actually constructed buildings at site.
15	<ul style="list-style-type: none"> According to the proponent, the flats in Block I and Block II have been sold out and the buyers are occupying these flats. It was also reported that some of the flats in Block III also have been occupied even though the Municipality has not issued any occupancy certificate for Block III. Since the flat value is realised by the builder in instalments, the builder is likely to have taken advances for flats in Blocks III and IV. 	This is a proof for indicating continuance of construction without taking EC.
16	<ul style="list-style-type: none"> The ToR for the EIA Study (approved by the EAC at the national level) clearly mentions that the study should, inter alia, make an assessment of economic benefits derived by the proponent due to violation. Surprisingly, this aspect was not included in the EIA report prepared by M/s Environmental Engineers & Consultants Pvt. Ltd. which is a grave omission. Ineffect, the ToR issued by MoEF&CC for violation was not properly followed while undertaking the EIA. The economic benefit accrued during violation period certified by the competent authority shall be submitted by the proponent. Detailed calculation of the economic benefits also should be furnished. Audited balance /financial report during the period since 2012 also shall be submitted. 	Not complied with the ToR approved by MoEF&CC.
17	<p>As the Sub Committee observed differences in the construction area reported to the MoEF&CC and the area reported in the presentation before the 103rd meeting of SEAC In order to have the actual scenario and to recommend for actions accordingly, the proponent should furnish the year-wise physical progress of the project as on</p> <p>i) date of application submitted to MoEF&CC under violation category; ii) date of application submitted to SEIAA for EC; iii) date of submission of EIA report as well as the present situation in the form of an undertaking on oath.</p>	The proponent has to furnish the number of flats sold out and the number of flats occupied in Blocks I, II and III, but it is not furnished.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Drawbacks noted in the environmental angle		
18	The residential project is a place where hundreds of families live. But it was found that there is very little green area and the play area/open space for children is nearly absent. The space earmarked for Block V should be used for play area and green area by disallowing construction of that Block	
19	<ol style="list-style-type: none"> The Sewage treatment Plant (STP) established and operating for Block I and II is not working satisfactorily. Therefore, it should be revamped and re-commissioned. Action should also be taken for Servicing/replacement of all pumps/blowers, replacement of media of DMF and PCF for ensuring periodical service of the STP. STP should be re-commissioned so as to ensure compliance of standards specified by KSPCB. Action for providing/augmenting tertiary treatment system in the STP by adding Ultra Filtration Unit in the existing STP for ensuring reuse with enhanced capacity of treated water storage facility preferably at higher elevation as part of remediation work. Action for reusing treated water for gardening/flushing to the maximum extent, as part of conservation of natural resource by providing dual pipeline system for new ones; Blocks III and IV. Action for establish Roof Top Solar Power Generation Unit for Blocks III and IV for ensuring saving of at least 10 % power requirement of those blocks. Action for providing Storage Facility (Material Collection Facility) for non-biodegradable waste including plastic and e waste should be provided for ensuring collection, storage and handing over of the same to PCB approved recyclers/ agencies for all the blocks. 	Not fully complying with norms of State Pollution Control Board.
Other Violations noted		
20	<ul style="list-style-type: none"> The proponent has submitted before SEAC that the CER cost is estimated to be Rs. 172. 50 lakhs. Some of the CER activities proposed such as 'providing rent for 'anganwadis' and 'scholarship for students' are against the spirit of the OM vide F.no- F-22-65/2017.IA.III of MoEF&CC. The thrust of CER activities should be on improving the local environment and community infrastructure. No timeframe has been submitted for the implementation of CER Plan. The CER Plan (with time frame) should be reworked after a detailed study of the requirements of the locality by interacting with different stakeholders including local government. 	Proposal prepared in the EIA report is not meeting the CER norms of MoEF& CC, Govt. of India.
21	<ul style="list-style-type: none"> It is mentioned in the EIA report that 37.35% (5,612.7 sq.m) of total land area is developed as part of green belt. However, during the site visit, it was found that the green space currently available is much less than this. 	Extent of green area already developed and the details of the vegetation (with photographs) and a map showing green area are to be evaluated.

Sd/-
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Secretary

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Dr.C.Bhaskaran
Chairman

22	<ul style="list-style-type: none"> The remediation plan and community Resource Augmentation Plan has to be strengthened as the damage caused due to the violation is a gross underestimate. Proper quantification of damage assessment taking consideration of all environmental attributes is to be done. Revised remediation, natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation shall be submitted. Some of the activities proposed in the EIA report such as "assistance in development of technical skills and training to the children of farmers and fishermen" is not appropriate for an urban locality like Thrikkakara, which is an outgrowth of the Kochi city. Similarly, under community resource augmentation plan, Rs 20000 each is allocated for "construction of village roads and maintenance" for five years. 	Such piece meal approach in augmenting community resources is not advisable. The time frame for community resource augmentation plan is given as 5 years.
23	<ul style="list-style-type: none"> As part of violation proceedings, the proponent has to revise the remediation and community resource augmentation plan by incorporating/including/rectifying the drawbacks noted above. The project proponent also has to provide proposals/ commitments in this regard for further consideration/ appraisal. 	Violation proceedings and remediation plan for the damage caused and benefits accrued from the project have to be assessed for arriving at the amount of penalty.

Item No.111.72

Environmental Clearance for the proposed Granite Building stone Quarry project in Survey No.144/4 & 144/5 in Kalpetta Village, Vythiri Taluk, Wayanad District, Kerala State by Shri. Robin P.R (File No. 1322/EC1/2019/SEIAA)

Decision:

The Committee entrusted Dr.R.Ajayakumar Varma & Dr.P.S.Easa for field inspection.

Item No.111.73

Application for Environmental Clearance for the proposed granite building stone quarry project in Survey No. 368/1-2, 368/1-3, 368/2 & 369/1-1 (Block No. 24) of Vellilappally Village, Meenachil Taluk, Kottayam District, Kerala by Shri. Augustine Michael, Managing Partner, M/S Michael Granites. (File No. 1277/EC2/2019/SEIAA)

Decision:

The Committee decided to invite the proponent for presentation.

Item No.111.74

Environmental Clearance for the proposed granite building stone quarry project in Survey No. 8/9, in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Shri. U.I. John, Managing Partner, M/s Marthoma Granites (File No. 1413(A)/EC1/2019/SEIAA)

Decision:

Agenda item cancelled as it is a repetition of Item No.111.43

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No.111.75 **DRAFT EIA NOTIFICATION (File No.906/A1/2020)**

Observations of SEAC to be furnished to SEIAA

1.General:

- 1) The draft EIA Notification, it is feared, will result in diluting the principle of sustainable use of natural resources. Keeping in view the premise that the present generation is only the temporary custodian of natural resources to ensure the safe return of the same to the future generation, the present proposals abet nothing short of unabated exploitation of nature's bounty to satiate human greed. In the garb of facilitating 'ease of doing business', the present guidelines will, no doubt, sound the death knell of pristine Nature. Many proposals in the Draft are also against the precautionary principles of the Act.
- 2) The proposal to introduce the new system of granting 'Prior Environment Permission' is nothing but sabotaging the process of prudent vetting of proposals by the technical experts in the SEACs. This system of prior EP has to be summarily rejected.
- 3) The stipulation to have DEACs without DEIAAs at district level will only confound further the confusion of mismatched technical and administrative domains and efficiency, for sure, will be the casualty.

2. Specific:

- 1) In clause 3 Definitions, sub clause (14) 'cluster' means an area formed by group of mines or leases as per the criteria given in subparagraph (3) of paragraph 24 of this Notification. It is suggested that rock quarry or mine which is not closed properly or without a closure certificate is to be considered for calculating cluster situations.
- 2) In clause 3 Definitions, sub clause (23), though there is a mention of standard TOR, the formats for standard TOR for different categories of projects have not been given.
- 3) In clause 3 Definitions, sub clause (60) 'violation' should include the violation of conditions of EC granted by the regulatory authority but not violations committed before obtaining prior EC. A safe route to legitimize a criminal act should not be a part of the proposal.
- 4) In clause 8.10. The sentence should end as 'not more than 6 months.'
- 5) In clause 9.4. The sentence should end as 'with prior notice of at least seven days to the project proponent and the respective SEIAA by the Ministry.'

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Secretary

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Dr.C.Bhaskaran
Chairman

- 6) In clause 10.1 Retain the present one as such (While retaining the existing one then obviously 10.2 and 10.3 will become irrelevant).
- 7) In clause 13.6 Baseline data, referred in sub-clause (1) to (5)...3 years has to be changed to 1 year.
- 8) In clause 14.1 Delete the sentence ...‘However, the Regulatory Authority may decide on the feasibility and requirement of public hearing and or consultation in the case of defence projects being considered under sub clause (7) of clause 5 of this Notification’.
- 9) In clause 15.2. The appraisal committee has to be given 75 days for the appraisal process.
- 10) In clause 15.8. To facilitate this, the norms for green building should be stipulated by the Govt. of India and included as an appendix.
- 11) In clause 15.9. Add. ..In the absence of a guideline from the Ministry, the SEIAA may be authorised to issue appropriate guidelines.
- 12) In clause 16.6. The appraisal committee has to be given 75 days for the appraisal process.
- 13) In clause 20 (4) The present system of submitting half yearly compliance report may be allowed and monitoring mechanism may be adequately strengthened as ordered by the National Green Tribunal and the Honorable Supreme Court.
- 14) In clause 20.10. Include SEIAA and State also for compliance monitoring
- 15) In clause 21...Add ‘The transfer of prior EC may be granted only if the transferee is free from any ongoing environmental violation proceedings’.
- 16) In clause 22.04. In the absence of CPCB guidelines, SEIAA may adopt their own guidelines.
- 17) In clause 22.06. Include laboratories under ICMR/ICAR and other Scientific Institutes coming under the Govt. of India.
- 18) In the Schedule, it should be indicated that ‘mining projects irrespective of size should be referred to the respective committees for appraisal’.
- 19) In Schedule Item I, Condition may be modified as up to 2Ha shall be referred to DEIAA/DEAC. The proposal to exclude minor mineral projects up to 2 Ha area from environmental appraisal will cause irreparable damage to the environment in small states like Kerala. So the existing rules for environmental appraisal may be allowed to continue as far as mining of minor minerals is concerned.

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Secretary

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Chairman

20) In Schedule item 42 Buildings.. The new proposal to exempt buildings up to 1,50,000 m² will be against the precautionary principles of EIA Act. (It may be recalled that an office memorandum to exempt buildings up to 50,000 m² from prior EC was stayed by the National Green Tribunal and the Delhi High Court on same grounds). So the existing thresholds may be allowed to continue.

Item No.111.76 **Application for Environmental Clearance for the proposed Granite Building Stone quarry project in Survey No. 82,76 and 1 of Kottur Village, Koyilandy Taluk, Kozhikode District, Kerala over an area of 4.811 Ha.by Shri.Thomas Philip (File No. 2340/A1/2019/SEIAA)**

Decision: The Committee decided to direct the proponent to present the EIA Report.
The proponent is also directed to submit the EIA in soft copy.

Item No.111.77 **Discussions & follow up actions of PARIVESH files**

Minutes on PARIVESH files furnished separately

Item No.111.78 **Extension in Validity of Environmental Clearance for the Commercial Project in Sy. Nos. 143/10 A2, 143/10A5, 143/10 C, 143/11A, 145/7A, Edapally South Village, Kanayannur Taluk, Ernakulam District, Kerala of Shri. D.D. Bhagwat, Chief Architect, M/s Unique Estates Development Co. Ltd (File No. 1147/EC/ SEIAA/KL/2017)**

Decision: The Committee decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

The proponent shall follow Aerobic Treatment with MBR Technology for waste water treatment for ensuring maximum re-use of treated water.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

Item No. 111.79 **Application for ToR for the proposed quarry project in Survey No. 80/3, 80/3, 80/5A, 80/1A2, 80/1A2, 80/1A3, 80/1A1, 80/1A2 of Palakkuzha Village, Muvattupuzha Taluk, Ernakulam District, by Shri. A. J. Babu. (File No. 1317/EC2/2019/SEIAA)**

Decision: The Committee decided to direct the proponent to submit the signed tri-party agreement as suggested in the Field Inspection Report.

Item No.111.80 **Application for Terms of Reference for building stone quarry project in Re Survey No13/2,13/3,18/2,18/3,40/1-1,40/1-2,40/4,40/4-2,40/6,41/1-1,41/1-2,41/2,41/3,41/4,41/5,18/1,41/6in Chakkuvarakkal village, KottarakaraTaluk, Kollam District. No 1403/EC2/2019/SEIAA**

Decision: The Committee decided to direct the proponent to furnish the Certificate from the Village Officer concerned, regarding whether the project site is exempted from Kerala Land Reforms Act.

Item No.111.81 **Environmental clearance for the proposed Building stone quarry project in SurveyNo.1619/1,1621/1 in Kanthaladu Village, ThamarasseryTaluk, Kozhikode District, KeralabyShri.Haridasan T.H, (FileNo.1264/EC1/2019/ SEIAA)**

Decision: The Committee decided to invite the proponent for presentation along with the following documents/details:

- 1) Boundary Pillars (BP) are to be properly labelled and fixed and photographs submitted.*
- 2) OB dumping location in the lower elevation to be shown in the map*
- 3) Redraw drainage map*
- 4) Project cost has to be reworked*
- 5) The revised CER to be submitted with the consent letters of the beneficiaries*

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

- 6) *Recent cluster certificate*
- 7) *Biodiversity assessment need to be reworked with abundance estimate separate for buffer and core. The faunal part needs to be strengthened.*

Item No.111.82 **Environmental Clearance for the proposed Building Stone Quarry project in Survey No. 236/3,237/1&238/2 in Thirumeni Village, Payyannur Taluk, Kannur District, Kerala State by Shri.Narikkadan Dasan (File No. 1292/EC2/2019/SEIAA)**

Decision: The Committee entrusted Dr.S.Sreekumar & Shri.G.Sankar for field inspection.

Item No.111.83 **Application for Environmental Clearance of Granite Building Stone quarry in Re Survey No-109 of Kinalur Village, Thamarassery Taluk, Kozhikode District, Kerala for an area of 4.0558 hectares by Shri. Vishnu Sukumaran (File No-1393(A)/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

Item No.111.84 **Application for environmental clearance for mining of ordinary earth Shri. Jose K. I. [File No.2481/EC2/2019/SEIAA]**

Decision: The Committee decided to recommend the issuance of EC subject to the general conditions.

It is decided to convene the next meeting of SEAC on 29th June, 2020 to 1st July, 2020.

The meeting ended at 5 pm on 4th June, 2020 with a vote of thanks to the Chair.

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman

List of members present on 02.06.2020

1.	Dr.R.AjayakumarVarma	5.	Dr. A.V.Raghu
2.	Smt.BeenaGovindan	6.	Shri.M.Dileep Kumar
3.	Dr. P.S.Easa	7.	Shri.K.KrishnaPanicker
4.	Dr.G.Sankar	8.	Dr.S.Sreekumar

List of members present on 03.06.2020

1.	Dr.R.AjayakumarVarma	5.	Dr. A.V.Raghu
2.	Smt.BeenaGovindan	6.	Shri.M.Dileep Kumar
3.	Dr. P.S.Easa	7.	Dr.S.Sreekumar
4.	Dr.G.Sankar		

List of members present on 04.06.2020

1.	Dr.R.AjayakumarVarma	5.	Dr. A.V.Raghu
2.	Smt.BeenaGovindan	6.	Shri.M.Dileep Kumar
3.	Dr. P.S.Easa	7.	Shri.K.KrishnaPanicker
4.	Dr.G.Sankar	8.	Dr.S.Sreekumar

Sd/-
Mir Mohammed Ali I.A.S
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman