

**MINUTES OF THE 106<sup>th</sup> MEETING OF SEAC, KERALA, HELD ON  
28<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> NOVEMBER 2019 AT THE CONFERENCE HALL,  
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
THIRUVANANTHAPURAM**

**DAY 1- 28-11-2019**

The meeting started at 10.00 am. The Chairman welcomed the members. The Committee then moved on to the deliberations on the agenda items.

**Item No.106.01**      **Minutes of the 105<sup>th</sup> SEAC meeting held on 10<sup>th</sup> & 11<sup>th</sup> October 2019**

While Confirming the minutes of the 105<sup>th</sup> SEAC meeting held on 28<sup>th</sup> & 29<sup>th</sup> OCTOBER 2019, the Committee decided to modify the decision of Item No. 105.91 (File No.835/EC4/2713/2015/SEIAA) as “SEAC decided to accept the Field Inspection Report of the sub-committee and take further follow-up action accordingly” and subsequently confirmed the minutes.

**Item 106:02      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 Villages in Meenachil Taluk, Kottayam District (File No.1307/EC2/2019/SEIAA)**

**Decision:** The proponent was present. The Committee decided to direct the proponent to submit the following documents:

1. Revise the drainage plan with respect to the field condition and also depicting the locations of different stages of drainage.
2. Biodiversity assessment report
3. CSR/CER to be reworked as per norms with year-wise break-up
4. Water level in the nearby wells
5. Self-attested certificate with respect to land cost as to its fair value as per revenue records.
6. Present land use map along with photographs indicating land use pattern

**Item No.106.03**      **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 Mr. Robin P.R (File No.1322/EC1/2019/SEIAA)**

**Decision:** The proponent was present. The Committee referred this proposal for obtaining legal opinion regarding the litigations pertaining to the proposal.

**Item 106:04**                      **Application for Environmental Clearance of Granite building stone quarry in Block No.23, Survey No 334,345,345/1 in Ramapuram Panchayath,Vellilappally village, Meenachil Taluk, Kottayam District (File.No1354/EC2/2019/SEIAA)**

**Decision:**The proponent was present.The Committee decided to direct the proponent to submit the following documents:

1. Map showing overburden dumping site
2. Rework the drainage map with respect to field conditions
3. Rework project cost by including the fair value of land.
4. Map showing distance from the boundary of proposed quarry to the nearby houses
5. Rework Biodiversity Assessment report
6. Map overlaying the quarry site on the Hazard Zonation Map of the area
7. Year-wise break-up of CSR/CER as per the revised project cost.

**Item 106:05**    **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 proponent was present.The Committee decided to direct the proponent to submit the following documents:

1. Map showing the spot proposed for dumping overburden
2. Rework the drainage map in accordance with field conditions
3. Rework project cost by including the fair value of land
4. Map showing distance from the boundary of proposed quarry to the nearby houses
5. Rework Biodiversity Assessment report
6. Map overlaying the quarry site on the Hazard Zonation Map of the area
7. Year-wise break-up of CSR/CER as per the revised project cost.

**Item No.106.06**                      **Application for EC for the Permanent Campus for Indian Institute of Technology, Palakkad (Institutional Project) (File No. 1272/EC2/2019/SEIAA)**

**Decision:**As per the application, the project comes under 8(b) category.The proponent was present.The Committee entrusted Sri. Dileep kumar, Dr.A.V.Raghu, Dr.S.Sreekumar and Dr.N.Ajith Kumar for field inspection.

**Item No.106.07**                      **Application for ToR for the proposed Building stone quarry in Re.Sy.No. 85/2, 86/1, 86/2 of Keralasseri Village, Palakkad Taluk, Palakkad District by Dr.Abraham Sebastian, Proprietor, M/s Nayampadam Granites (File No. 1406/EC2/2019/SEIAA)**

**Decision:** The proponent was present. The Committee entrusted Dr.A.V.Raghu and Dr.S.Sreekumar for field inspection.

**Item No.106.08** Environmental clearance for the proposed Granite building stone quarry project in Survey No. 222/1, Block No:47 in Aryanad Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Mr. Biju.V.T.(File No. 1261/EC2/2019/SEIAA)

**Decision:**The proponent was present.The application filed by the proponent for National Board for Wildlife is flawed. The same may be communicated to the proponent.

**Item No. 106.09** 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/s The Uralungal Labour Contract Co-operative Society Ltd. No. 10957 (File No. 135/SEIAA/KL/2563/2013)

**Decision:**The validity of EC issued was for 18years and it is to be reviewed once in 5 years.As of now, conditions for reviewing EC have been changed. Hence the Committee sought legal opinion regarding the conditions for review of EC in this case.

**Item No.106.10** Environmental Clearance for the Proposed development of a petroleum storage terminal by Hindustan Petroleum Corporation Limited (HPCL) Indian Survey Nos. 423, 424, 432, 433, 434, 435, 436, 485, 486, 487, 499, 500, 514, 515, 517, 526, 527, 530, 533, 534, 535, 536, 537, 538, 539, 540, 541,542, 543, 544, 545, 546, 547, 548, 549, 551, 553, 554, 555, 556, 558, 559, 560, 561 & 594 at Payyannur Village, Taliparamba Taluk, Kannur District, Kerala by Shri.K.Lokanathan, General Manager, M/s Hindustan Petroleum Corporation Limited (HPCL) (File No. 1130/EC/SEIAA/KL/2017)

**Decision:**As claimed by the proponent, the project falls under 6(b) category of EIA Notification 2006, which has been exempted from prior EC.Therefore, the request of the proponent that they may be exempted from prior EC may be accepted.

**Item No.106.11** 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 proponent did not turn up for personal hearing.

**Item No.106.12**      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 Mr. Abdul Jabbar, Director, M/s Anugraha Metals and Sands Pvt. Ltd. (File No. 1209/EC2/2019/SEIAA)

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

**Item No.106.13**      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, ErnadTaluk, Malappuram District, Kerala by Mr. K.V. Moideenkoya, M/s Kallarattikkal Granites (File No. 1230/EC2/2019/SEIAA)

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

**Item No.106.14**      Environmental Clearance for the proposed Building stone Quarry project Survey No: 524/2, in Kavanur Village, EranadTaluk, Malappuram District, Kerala State .by Mr. Abdul Salam K.T (File No. 1245/EC2/2019/SEIAA)

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

**Item No.106.15**      Environmental clearance for the proposed Building stone Quarry project Survey No: 231/1,226/1, in Elankur Village, EranadTaluk, Malappuram District, Kerala State .by Mr. M.K. Shaji (File No. 1254/EC2/2019/SEIAA)

**Decision:**The proponent requested for reconsideration of EC. Since the proposed quarry forms cluster situation, the Committee directed the proponent to apply for ToR.

**Item No.106.16**      Application for Environmental Clearance for mining of Granite Building Stone Quarry project in Re Survey Nos 292/1 A of VelladVillage,ThaliparambaTaluk, Kannur District, Kerala by Mr. Mathew, M/s Alacode Granites (File No. 1277(A)/EC2/2019/SEIAA)

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

**Item No.106.17**      **Environmental Clearance for the proposed Building stone Quarry project in Survey 98/1 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala State by Mr. Haris.C (File No.1285/EC2/2019/SEIAA)**

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

**Item No.106.18**      **Application for the EC for the proposed Granite Building Stone quarry project in. Survey No 1/1B-319, 1/1B-295, 1/1B-296, 1/1B-322, 1/1B-323, 1/1B-321, 1/1B-320, 1/1B-329, Block No:5 in Pulamanthole Village, Perinthalmanna Taluk, Malappuram District, Kerala by Mr. Najeebali.M.K (File No-1323 /EC2/2019/SEIAA)**

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

**Item No.106.19**      **Environmental clearance for the proposed granite building stone quarry project in Survey No. 729/Pt in Vagamon Village, Peermade Taluk, Idukki District, Kerala by Shri. Anish Abraham (File No. 1204/EC2/2018/SEIAA)**

**Decision:** The Committee decided to direct the proponent to submit the following documents:

1. Modified drainage map in accordance with the field conditions. Garland canal should not be in the Buffer zone.
2. Since Idukki wild life sanctuary is at a distance of 2.26 km from the proposed project site, NOC from NWLB may be obtained by the proponent as per rules.
3. A map depicting the site proposed for storing overburden and mine waste should be submitted. Care should be taken to locate the OB dumping site near the topographically lower area.
4. Since the proposed project area is a Government land, the proponent should detail and submit a plan for sharing the mined resource for government work at concessional rate.
5. The proponent should revise the project cost and modify the CSR/CER as per norms considering the local needs and submit the same.
6. A fresh assessment of flora and fauna (plants and animals) should be made with quantitative information and submitted
7. In the SE side between BP 3 and BP 4 where the slope is facing the Vagamon-Upputhara road, precautionary measures ( strong wall / fencing ) should be taken to prevent any rockfall

8. At present approach road is not developed. The proponent should submit a map showing 8 m wide road access to the site from the mainroad.
9. Hazard zonation map of the area overlaying the proposed project site should be submitted

**Item No.106.20**

**Application for ToR for the proposed Granite stone quarry project in Survey No. 164/1, 164/2, 164/3, in Kurichithanam Village, Meenachail Taluk, Kottayam District, Kerala State by Belji Emmanuel (File No. 1327/EC2/2019/SEIAA)**

**Decision:**The Committee decided to direct the proponent to submit the following documents:

1. Revised project cost by including fair value of the land as per revenue records and other project components.
2. Revised drainage map considering topography of the project area, natural drainage and run off.
3. Revised CSR/CER as per guidelines and revised project cost and also catering to local needs
4. Revised project site map showing top soil and overburden dumping sites with protection walls to prevent erosion.
5. A sworn affidavit assuring widening of Vellakkavu crusher road to minimum 8 m width for about 250 m before quarrying starts.
6. A revised year- wise afforestation plan incorporating compensatory plantation for rubber trees to be cut.

**Item No.106.21**

**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 direct the proponent to submit the following documents:

1. Revised project cost considering fair value of land as per revenue records and other project components
2. Revised CSR/CER as per guidelines and revised project cost and also considering the local needs.
3. A revised drainage map with position of silt traps and connecting natural drainage system outside the project area.
4. Rework and submit detailed production plan considering also the benches to be made from bottom portion.

5. Submit a sworn affidavit from land owner assuring that alternate land would be provided for compensatory afforestation. Also submit a biodiversity report showing abundance of species and details of compensatory afforestation.
6. Map depicting the site for stocking topsoil and mine waste as the proposed project generates 460 cum of overburden and 14060 cum topsoil.
7. Rework and submit the water requirement for afforestation, dust control and domestic needs.
8. The panchayat road as well as the approach road is narrow. The proponent has to submit a proper traffic management plan considering such factors.

**Item No.106.22**

**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 Mr. Augustine Michael, Managing Partner, M/S Michael Granites. (File No. 1277/EC2/2019/SEIAA)**

**Decision:** The Committee decided to get a clarification from the proponent on the present status of the permanent prohibitory injunction ordered by the Pala Munsiff Court.

**Item No.106.23**

**Environmental clearance for the proposed Building stone quarry project in, Survey No.1006 in Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala by Mr. Abdu Rahman, Proprietor, (File No. 1241/EC2/2019/SEIAA)**

**Decision:** The Committee decided to direct the proponent to submit the following documents:

1. Photographs of boundary pillars marked with geo coordinates
2. Detail and submit slope stabilization measures as the steep vulnerable slope beyond BP4 & BP5 need to be augmented
3. Modified CER to be submitted along with the assessment of beneficiary needs.

**Item No.106.24**

**Application for the Extension of validity of Environment Clearance of Granite Building Stone quarry project in Survey No. 149, 186, Kodiyathoor Village, Kozhikode Taluk, Kozhikode District, Kerala by M/s Power Stone Products (File No. 242/SEIAA/KL/972/2014)**

**Decision:** The Committee directed the proponent to submit the following documents:

1. Year wise- scheme for plantation should be prepared and followed
2. A drainage plan earmarking the silt trap and overburden dumping site should be prepared and submitted
3. CER plan should be prepared in line with the GOI guidelines and complied with.



**Item No.106.25**      **Application for environmental clearance for mining of laterite stone in Sy.No.23/2 at Ulliyeri Village, Koyilandy Taluk, Kozhikode District by Smt.Subhaprabha [File No.690/A1/2019/SEIAA]**

**Decision:** The Committee decided to direct the proponent to submit the following documents:

1. Label the boundary pillars with correct latitude and longitude and submit the details
2. Revised and approved mining plan with appropriate benches.
3. Prepare and submit a quantitative assessment of amphibians and reptiles in the proposed mining area.
4. Submit a sworn affidavit to the effect that the area will be monitored for the faunal groups assessed by qualified experts.

**Item No.106.26**      **Application for Environmental Clearance for mining of Ordinary earth in Sy.No.1/2-A1, 1/2-A3 at Pattithara Village, Pattambi Taluk, Palakkad District by Sri.Manikandan.P.V (File No. 951/A2/2019/SEIAA)**

**Decision:** The Committee decided to direct the proponent to submit the approved mining plan

**Item No.106.27**      **Application for environmental clearance for mining of Ordinary earth in Sy.No.260/1B at Anakkara Village, Pattambi Taluk, Palakkad District by Sri.Manikandan P.V. (File No. 954/A2/2019/SEIAA)**

**Decision:** The Committee decided to recommend for EC subject to the following specific conditions.

1. The excavation must be limited to the present adjacent ground surface.
2. The depth of water table should be ensured at 1.5m from ground surface at the peak of monsoon

**Item No.106.28**      **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 proponent requested for personal hearing regarding details of remediation plan. The Committee decided to call the proponent for personal hearing on 30<sup>th</sup> November 2019.



The Committee heard the proponent and the consultant on 30<sup>th</sup> November 2019 and directed to submit a suitable damage assessment and remediation plan for the violation of EIA notification 2006 as per guidelines and court orders on the subject.

**Item No.106.29**      **Environmental clearance for the proposed building stone quarry project in Re-Sy. No. 165/15, 165/3-1, 165/3, 165/13, 165/1, 165/14, 165/14-1, 165/14-2, 165/2-1, 170/11, 170/3, 164/1-1, 164/1-5 in Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Mr. BijuKumar.K. (File No. 1250/EC2/2019/SEIAA)**

**Decision:**The Committee decided to direct the proponent to submit the following documents:

1. A sworn affidavit by the proponent stating that the existing quarry adjacent to the proposed one and the crusher are not operative and that the mine is closed in accordance with the mine closure plan.
2. A feasibility certificate regarding ground water availability in the proposed site from a qualified geologist.

**Item No.106.30**      **Application for Environmental Clearance for the proposed granite building stone quarry project in Survey Nos. 234/13, 234/5, 235/1, 235/4, 235/5 in Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Mr.Kuriakose.M.Jacob (File No. 1365/EC1/2019/SEIAA)**

**Decision:**The Committee decided to recommend for EC subject to the following specific conditions:

1. Appropriate slit traps have to be provided in the garland canal
2. Water body in the old quarry needs to be protected
3. Gabion packing protection should be provided to protect the soil dump
4. Ensure free flow of water to the drainage system in the valley to avoid water stagnation at present

**Item No.106.31**      **Application for Terms of Reference for proposed granite building stone quarry in 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 decided to invite the proponent for presentation

**Item No.106.32**

**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.Pvt. (File No. 1388/EC2/2019/SEIAA)**

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

**Item No.106.33**

**Environmental Clearance for the Proposed Expansion of Residential cum Commercial unit- “VKL Towers” in Re-survey No.181/14, 181/14-1, 181/14-2, 181/14-3, 181/14-4, 181/14-5, 181/10, 181/10-1, 181/10-2, 181/18, of Attipra village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala by Mr. Shaji.K.Mathew, Director, M/s M/s K V Apartments Pvt. Ltd. (File No. 1228/EC2/2019/SEIAA)**

**Decision:** The Committee decided to inform the Principal Secretary (Environment), GOK that the proponent has been directed to submit a certificate from a Chartered Engineer as to the area already constructed as observed in the field inspection report. This Certificate is needed for further environmental assessment. The proponent has not submitted the report called for so far and hence the proposal is pending before the SEAC.

**Item No.106.34**

**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 Mr.Binoy Jose (File No. 1415(A)/EC2/2019/SEIAA)**

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

**Item No.106.35 Environmental Clearance for the proposed Building stone Quarry project in Survey No.122/2 & 122/3 in Padichira Village, Sulthanbathery Taluk, Wayanad District, Kerala State by Mr.M.PKuriakose (File No. 1299/EC1/2019/SEIAA)**

**Decision:** The Committee decided to invite the proponent for presentation along with a certificate from Revenue Department regarding the occurrence of disaster, if any or otherwise during the flood events of 2018&2019

**Item 106.36**     **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. 2437/EC2/2019/SEIAA**

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

1. Latest Cluster Certificate
2. Survey map showing nearby houses, if any and distances to them from the boundary of the project site.
3. Drainage plan within 500m radius of the project area
4. Filled in details in Form-1M

**Item 106:37**     **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. No2552/EC2/2019/SEIAA**

**Decision:** The Committee decided to invite the proponent for presentation along with filled in details in Form-1M

**Item No:106:38**     **Environmental clearance for the Proposed Granite Building Stone quarry project in Block No.11 Re-Survey no.s 200/2,201/2,201/4,kanakkari village, Meenachil taluk, Kottayam district, Kerala by Mr.Rajesh Mathew, Puthenpurrackal house,Pattithanam,Kottayam(1380/EC2/2019/SEIAA)**

**Decision:** The Committee decided to invite the proponent for presentation along with filled in details in Form-1M

**Item No:106.39**     **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 Mrs.jubistiji, pannamakal house, kalathoor ,kanakkari, kottayam .File no:1345/EC2/2019/SEIAA**

**Decision:** The Committee decided to invite the proponent for presentation along with filled in details in Form-1M

**Item 106:40**     **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 decided to invite the proponent for presentation along with the following documents:

1. Latest test report with respect to Air, Water and Noise quality of the area
2. Filled-in details in Form- 1M
3. Consent letter from nearby inhabitantsof the proposed site
4. CER detailing along with the concurrence of Local SelfGovernment

**Sd/-**

**Dr.C. Bhaskaran  
Chairman**

**List of members present in the Meeting on 28.11.2019**

- |                        |                             |
|------------------------|-----------------------------|
| 1. Dr.P.S.Easa         | 6. Dr. A.V.Raghu            |
| 2. Smt.BeenaGovindan   | 7. Shri.M.Dileep Kumar      |
| 3. Dr. N.Ajith Kumar   | 8. Shri.K. Krishna Panicker |
| 4. Shri.G.Sankar       | 9. Dr.R.AjayakumarVarma     |
| 5. Shri.V.N.Jithendran |                             |

## **DAY 2- 29-11-2019**

**ItemNo.106.41**

**Application for environmental clearance for mining of Ordinary earth in Sy.No.171/1A1-A2,172/2,233/4 at Vattamkulam village,PonnaniTaluk,Malappuram District by Sri.Alex Abraham [File No.952/A2/2019/SEIAA]**

**Decision:**The proponent was present. The committee decided to direct the proponent to submit the Approved Mining Plan and other documents asked for earlier.

**ItemNo.106.42**

**Application for environmental clearance for mining of Laterite Stone in Sy.No.50/2 at Koottilangadi Village, Perinthalmanna Taluk,Malappuram District by Sri.AbdulRasheed.C [File No.1075/A2/2019/SEIAA]**

**Decision:**The proponent was present .The Committee decided to direct the proponent to submit the Approved Mining Plan and other documents asked for earlier

**ItemNo.106.43**

**Application for environmental clearance for mining of ordinary earth in Sy.No.441/7,7-3, 7-4, 7-5 at Arakkappadi village, Kunnathunadu Taluk, Ernakulam District by Sri.Noushad.T.M [File No.1755/A2/2019/SEIAA]**

**Decision:** The proponent was present. The Committee decided to direct the proponent to submit the Approved Mining Plan and other documents asked for earlier

**Item 106:44**

**Application for Environmental Clearance for Granite building stone Quarry in Survey No 221 in Mundakkayam village, KanjirapallyTaluk, Kottayam District (File No2434/EC2 /2019/SEIAA)**

**Decision:**TheCommittee decided to invite the proponent for presentation along with the following documents

1. Clarifications for the difference in cost estimation of the project
2. Survey Map showing location of nearby houses and distance to them from the nearest boundary pillars.

**Item No.106.45**

**Terms of Reference for the proposed Building stone quarry project in Survey No.127/P in Thrikkur Village, Mukundapuram Taluk,Thrissur District, Kerala by Mr.E.SBaiju, Proprietor, (File No. 1359/EC2/2019/SEIAA)**

**Decision:**TheCommittee decided to invite the proponent for presentation along with the clarification letter from Wildlife Warden, Peechi-Vazhani Wildlife Sanctuary regarding the distance from the nearest Wildlife Sanctuary

**Item 106:46** **Application for Terms of Reference for building stone quarry project in Re Survey No13/2,13/3,18/2,18/3,40/1-1,40/1-2,40/4,40/4-2,40/6,41/1-1,41/1-2,41/2,41/3,41/4,41/5,18/1,41/6 in Chakkuvarakkal village, Kottarakara Taluk, Kollam District No 1403/EC2/2019/SEIAA**

**Decisions:**1.TheCommittee directed the proponent to furnish clarification regarding the Govt. Land for which NOC is issued is recorded differently in extent in the documents submitted.  
2. The Committee also decided to seek legal opinion from the Law Officer in the light of Supreme Court Judgement referred to in the reply by the proponent in this regard.

**ItemNo.106.47** **Application for environmental clearance for mining of laterite stone in Re Sy.No.67/727 at KakkadVillage,KozhikodeTaluk,Kozhikode District by Sri.Mirshad [File No.810/A2/2019/SEIAA]**

**Decision:**TheCommittee decided to Recommend EC subject to General Conditions

**ItemNo.106.48** **Application for environmental clearance for mining of laterite stone in Re Sy.No.67/726 at Kakkad Village, Kozhikode Taluk, Kozhikode District by- Sri.Muhammed.C [File No.811/A2/2019/SEIAA]**

**Decision:**TheCommittee decided to recommend EC subject to General Conditions

**ItemNo.106.49** **Application for environmental clearance for mining of laterite stone in Sy.No. 44/1E at BelaVillage, Kasaragod Taluk, Kasaragod Disyriect, Kerala by Sri.AnwarSadath, [File No.844(A1)/2019/SEIAA]**

**Decision:** The Committee decided to recommend EC with the following specific conditions:  
1.Mining depth to be limited to 3m and mineable quantity is limited to 62960MT.  
2. Provide appropriate fencing around the quarrying area.  
3. Stack the overburden and earth waste at the designated place with proper protection walls.  
4. Install and inscribe the Boundary Pillars with latitude/longitude

5.Ameliorative measures to prevent the impact on the hydrogeological condition of the region and water shortage in the area

**Item No.106.50** Application for Environmental Clearance for mining of laterite stone in Sy.No. 65, at Aanakaravillage, Pattambi Taluk, Palakkad District, Kerala- by Sri.P.J.Jacob, (File No. 953/A2/2019/SEIAA)

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

**Item No.106.51** Application for extension of environmental clearance for mining of Ordinary earth in 457/1B7, 458/1, 458/1-2 at Velloor Village, Vykom Taluk, Kottayam District by Sri.P.J.Johny (File 993/A2/2019/SEIAA)

**Decision:** The Committee decided to recommend EC with the following specific conditions:

1. Restrict the depth of mining to 2m and limit the quantity of earth to be mined to 8000m<sup>3</sup>
2. Submission of sworn affidavit indicating the site of deposition of excavated earth

**Item No.106.52** Application for Environmental Clearance for mining of laterite stone in Re Sy.No.77/1 at Kizhariyoor village, Koyilandy Taluk, Kozhikode District by Sri.Shaji P.C (File No.1109/A2/2019/SEIAA)

**Decision:** The Committee directed the proponent to submit drainage map as suggested for the soil stabilization. As per the slope stability study report, the surface water must be directed away from the slope or carried down the slope in suitable conduits with garland drains and this should be taken into consideration while preparing the drainage map.

**Item No.106.53** Application for environmental clearance for mining of laterite building stone in Sy.No.33/12pt, 34/4B, 34/34/3pt (34/3B) at Bela Village, Kasaragod Taluk, Kasaragod District, Kerala by Shri.Anwar Sadath [File No.1234(A)/EC1/2019/SEIAA]

**Decision:** The Committee decided to recommend EC with the following specific conditions:

1. Limit the mining depth to 3m and mineable quantity to 72607MT.
2. Provide appropriate fencing all around the quarrying area.
3. Stack the overburden and waste earth at the designated place with proper protection walls.
4. Install Boundary Pillars inscribing latitude/longitude



5. Ameliorative measures to prevent the impact on the hydrogeological condition of the region and water shortage in the area

**ItemNo.106.54**      **Application for environmental clearance for mining of laterite stone in Sy.No.388/9 at KoorachunduVillage,KoyilandyTaluk,KozhikodeDistrict,Kerala by Sri.Ibrahim.C [File No.2202/EC2/2019/SEIAA]**

**Decision:**The Committee directed the proponent to submit the following documents:

1. Revised site plan including the thodu flowing through the boundary.
2. Revised production plan excluding the buffer area.

**ItemNo.106.55** **Application for environmental clearance for mining of Laterite Stone in Sy.No.137/4-2, 137/5-2-2 at Chunakkara Village, Mavelikkara Taluk, Alappuzha District, Kerala by Sri.SaseendranNair.K [File No.2390/EC2/2019/SEIAA]**

**Decision:**TheCommittee decided to recommend EC subject to the following specific conditions:

1. Provide buffer width of 2m surround the miningarea
2. Limit mineable quantity to 4200m<sup>3</sup>

**ItemNo.106.56**      **Application for environmental clearance for mining of Laterite Stone in Sy.No.324/14 in Poothakkulam Village, Kollam Taluk, Kollam District by Sri.Shaji.S [File No.2671/EC4/2019/SEIAA]**

**Decision:**                      The Committee directed to invite the proponent for presentation along with the survey map showing neighboringhouses, if anyand distance to them

**ItemNo.106.57**      **Application for environmental clearance for mining of Laterite Stone in Sy.No.174 at Ayyalvillage,KunnamkulamTaluk,ThrissurDistrict,Kerala by Shri.Surendran.K.K [File No.2984/EC4/2019/SEIAA]**

**Decision:**                      TheCommittee decided to invite the proponent for presentation

**ItemNo.106.58**      **Application for extension of environmental clearance for mining of Ordinary earth in Sy.No.158/3,158/4-2 at Arakkappady Village,KunnathunaduTaluk,Ernakulam District by Sri.Nazar.T.M&Noushad.T.M [File No.3142/EC4/2019/SEIAA]**

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

**Item No. 106.59**      **General Decision 103<sup>rd</sup> SEAC – To Provide the members of SEAC with computerized and inventorised information (date-wise) relating to application for EC (File No.3415/A1/2019/SEIA)**

**Decision:**The new system will be operative from the next meeting of SEAC.

**Item No.106.60**      **General Decision 103<sup>rd</sup> SEAC – To organize a sensitization program by a practicing lawyer on legal aspects related to the latest EIA Notifications**

**Decision :**The Committee decided to conduct a sensitization program involvingthe Chief Town Planner and Adv. HarishVasudevan

**Item No. 106.61**      **Environmental Clearance for M/s.Delta Rocks Products for Mining in Survey No. 1, 76 &82 in Kottoor Village, Koyilandy Taluk by Sri. Thomas Philip.File No.2340/A1/2019/SEIAA**

**Decision:**TheCommittee decided to invite the proponent for presentation

**ItemNo.106.62**      **Application for environmental clearance for mining of Laterite Stone in Sy.No.587/47, 587/46, 587/48, 587/49, 588/3 at Kunnathoor village, Kunnathoor Taluk, Kollam District, Kerala by Sri.Pradeep.K, [File No.3476/EC4/2019/SEIAA]**

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

**Item No: 106.63**      **Request for extension of validity of Environment Clearance issued -Ooragam Metals (LLP) – Malappuram (File No. 120/SEIAA/KL/2186/2013)**

**Decision:** The Committee decided to stick on to earlier decision to direct the proponent to apply for the ToR since the area is more than 5 ha

**Item No.106.64**      **Environment Clearance for proposed MES Super Speciality Hospital Project in Survey Nos. 15/1, 22/1, 15/2, 16/2, 15/3, 16/3, 16/4, 16/5, 15/5A, 12/9 in Valayanad Village, Kozhikode Taluk& District, Kerala State by Mr. P.O. JamaluddinLebba, General Secretary & Authorized Signatory, M/s The Muslim Educational Society (Regd.) (File No. 1075/EC4/2016/SEIAA)**

**Decision:**The proponent's application for withdrawal of the proposal is recommended.

**Item No: 106 .65**      **Environmental clearance for the proposed Granite Building stone quarry project in survey Nos.221/1, Block No: 14, Muthuvallur Village, ErnadTaluk, Malappuram District, Kerala by Mr.V.P.Harshad, Managing Partner, M/s Associate Engineering & Chemicals (File No- 1122/EC/SEIAA/KL/2017)**

**Decision:** The Committee decided to nominate Dr.P.S.Easa as the representative of SEAC. A copy of the letter addressed in this regard has to be marked to Dr.Easa

**Item No.106.66**      **Environmental Clearance for Proposed Expansion with the addition of Hotel, 250 Bed Hospital, Nursing College, Hostel & other Buildings for AdluxMedicity& Convention Centre Pvt. Ltd in Re- Survey No.35/2 at Karakutty village, AluvaTaluk, Ernakulam District, Kerala by Dr. SujithSudheesan, Director, M/sAdluxMedicity& Convention Centre Pvt. Ltd(File No. 1186/A2/2018/SEIAA)**

**Decision:** The proponent requested for personal hearing regarding details of remediation plan. The Committee decided to call the proponent for personal hearing on 30<sup>th</sup> November 2019.

The Committee heard the proponent and the consultant on 30<sup>th</sup> November 2019 and directed to submit a suitable damage assessment and remediation plan for the violation of EIA notification 2006 as per guidelines and court orders on the subject.

**Item No.106.67**      **Environmental clearance for the proposed quarry project in Survey No. 1/1A in Pulamanthole Village, PerinthalmannaTaluk, Malappuram District, Kerala by Mr. Mohammed Shereef (File No. 1213/EC2/2019/SEIAA)**

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

**Item No.106.68**      **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, ErnadTaluk, Malappuram District, Kerala over an area of 0.8945 Ha State by Mr. Faisal (File No. 1282 (A)/EC2/2019/SEIAA)**

**Decision:** The Committee decided to invite the proponent for presentation along with filled in details in Form-1M

**Item No.106.69** Environmental clearance for the proposed Granite Building Stone quarry project in Survey No.280/4 of Village-Thrikkalangode Taluk-Eranad, District-Malappuram, Kerala by Mr. Musthafa M, (File No. 1321/EC2/2019/SEIAA)

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

**Item No.106.70** Application for environmental clearance for mining of Ordinary earth in Sy No.622/7B11-81, 7B78, 7B4-79, 7B11-82, 7B15-84, 7B19-83, 7B6-28 by Sri.Able.C.Varghese [File No.2557/EC2/2019/SEIAA]

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

**Item No.106.71** Environmental clearance for the proposed granite building stone quarry project in Survey No. 153/2, 154/Pt in Morayur Village, Kondotty Taluk, Malappuram District, Kerala by Mr. Ummer Kutty.K., Director, Morayoor Granites Pvt. Ltd.(File No. 1239/EC2/2019/SEIAA)

**Decision:** Committee decided to entrust Dr.P.S.Easa & Dr.S.Sreekumar for field inspection.

**Item No.106.72** Environmental clearance for the proposed Granite Building Stone quarry project in Re survey No. 422/1B/5, 422/1B in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala by Mr.Chakkeeri Shaikh Abdulla (File No. 1243/EC2/2019/SEIAA)

**Decision:** The Committee decided to recommend EC subject to the specific condition that a time schedule for blasting is to be worked out through discussion between the two adjacent quarry owners.

**Item No.106.73** Environmental clearance for the proposed Building stone quarry project in, Survey No.1619/1, 1621/1 in Kanthaladu Village, Thamarassery Taluk, Kozhikode District, Kerala, by Mr.Haridasan T.H, (File No.1264/EC1/2019/SEIAA)

**Decision:** The Committee entrusted Shri.G.Sankar and Dr.P.S.Easa for field inspection

**Item No.106.74** 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 Mr. T. Haridasan File No. 1270/EC1/SEIAA/2019)**

**Decision:** The Committee discussed the Field Inspection Report and directed the proponents to submit the following documents:

1. Consent letters from the nearby inhabitants.
2. Rework the cost of the project with fair price of the land value as per revenue records .
3. Filled in Form-1M
4. Reworked drainage map

**Item No.106.75**      **Application for Environmental Clearance for the proposed Building stone Quarry project in Re.Survey No.147/46, 147/2A1, 147/2A2, 147/42, 147/43, 147/44,147/41, Re.Sy.Block.No.3 in Thazhakode Village, Kozhikode Taluk, Kozhikode District, Kerala State.by Mr.Abdul Rahim (File No.1282/EC2/2019/SEIAA)**

**Decision:**The Committee directed the proponent to apply for ToR

**Item No.106.76**      **Application for ToR for mining of Granite Building Stone Quarry in Survey Nos 178/1, 179/pt, Block No: 56 in Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an area of 2.1404 hectares.Malappuram District by Mr. MUHAMMED FAISAL. K. P( File No-1300/EC/2019/SEIAA)**

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

**Item No.106.77**      **Application for the proposed Granite Building Stone quarry project in Re Survey No. 397/4 in Elamkur Village, Ernad Taluk, Malappuram District, Kerala by Sri Mujeeb Rahman (File No. 1319/EC2/2019/SEIAA)**

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

**Item No.106.78**      **Application for ToR for the proposed Granite Building Stone quarry project in Survey No B1-138, 303/1 of Vellayoor Village, Nilambur Taluk, Malappuram District, Kerala over an area of 0.5594 Ha.by Mr. Saleem Kunnummal (File No. 1382/EC2/2019/SEIAA)**

**Decision:**The Committee directed the proponent to furnish the following documents:

1. Filled-in Form IM
2. Survey Map indicating nearest habitation and distance to the houses
3. CER

4. Recent Non Cluster Certificate
5. Hazard Zonation Map overlying the project area.

**Item No.106.79** Environmental clearance for the proposed Building stone Quarry project in Re.Sy.No. 15/3 in Atholi Village, Koyilandy Taluk, Kozhikode District, Kerala State. by Mr.Sidharthan Thiyyakandy (File No. 1360 /EC2/2019/SEIAA)

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

**Item No.106.80** Application for ToR 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 Mr. Noushad File No-1357/EC2/2019/SEIAA

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

**Item No.106.81** Application for ToR for the proposed granite building stone quarry in Block No. 29, Re-survey No. 120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District by M/s Adani Vizhinjam Port Pvt. Ltd( file No. 1416/EC1/2019/SEIAA ) Decision :

**Decision :**The Proponent is directed to submit the following documents

- 1) Scientific plan for removal of excavated rock material from the quarry and transportation of the same
- 2) Drainage map showing feasible drains to carry the excess runoff from the project area to the nearest natural drainage
- 3) Location and design of silt trap and its maintenance
- 4) Plan for widening the Panchayat road on the western boundary of the quarry to absorb additional traffic due to the proposed quarry
- 5) Revise project cost considering fair value of land in accordance with revenue records.
- 6) Clarification regarding the acceptability of NOC submitted as it does not indicate time period.

**Item No.106.82** Environmental clearance for the proposed Granite Building Stone quarry project in Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala by Mr. Ajayyan. P. V. (File No. 1216/EC2/2019/SEIAA)

**Decision :**The Proponent is directed to submit the following documents

1. A recent cluster/non cluster certificate.

2. Redrawn drainage map in accordance with the topographic condition the area and also indicating as to how the water in the settling pond will be drained when there is excess run off.
3. Modified sketch indicating the overburden dumping site as it has to be located at the lowest contour level.
4. CER must be reworked in accordance with the guidelines and suiting to the local requirements.

**Item No.106.83**      **Application for environmental clearance for mining of ordinary earth in Block No.38, Survey No.69/7 at Puthan Kurisu Village, Kunnathunad Taluk, Ernakulam District-Sri.Baby.T.K., (File No.1131/A2/2019/SEIAA)**

**Decision:** The Committee discussed the report of the field inspection team and decided to recommend rejection of the proposal on the following grounds:

1. Topography of the entire area will be impacted due to digging upto a depth of 6m.
2. Flora including young and yielding rubber trees will vanish on the removal of earth
3. Severe adverse impact on ground water in and around the project area due to lowering of water table.
4. Approach road is narrow and the access to the land is difficult.
5. The application is silent about quantity of soil proposed to be excavated
6. Possibility for forced excavation of contiguous land that will alter the landscape of larger area.

**Item No.106.84**      **Application for environmental clearance for mining of Ordinary earth in Block No.27, Sy.No.415/4, 415/5 at Pattimattom Village, Kunnathunad Taluk, Ernakulam District – Smt. Kunjamma, Ernakulam (File No. 1132/A2/2019/SEIAA)**

**Decision:** The Committee discussed the report of the sub-committee and decided to intimate the proponent the following directions for remarks and compliance:

1. Limit the excavation to the lower part of the proposed plot ie. on the side of the road and up to the boundary of the plot where the proponent's house is located. The house was constructed after excavating earth in a hill slope to level the plot. The excavation may be permitted only up to the level in which excavation was done for levelling the house plot. Excavation at the upper part may not be allowed as it can disturb the topography of the area and ground water level in the neighborhood.
2. Limit the maximum depth of mining to 2 metres below existing ground level.
3. Submit fresh estimate of the quantity of earth that could be extracted under the above conditions.



4. Obtain consent from nearby land owners particularly from the owners of the plot on right side of the plot.
5. Form terrace bunds and plant trees and herbs of local species as far as possible for improving and regulating recharge to compensate the depletion of ground water level due to excavation and removal of soil from the project site
6. Provide suitable, site- specific recharge and rain water harvesting measures for mitigating the adverse impact on the hydrological and hydrogeological system
7. Obtain an Affidavit from the applicant that the excavated earth will not be used for filling wetland/ paddy field and that the excavation will in no way prevent the natural drainage system of the area.
8. Letter of Intent from Department of Mining & Geology

**Item No.106.85**

**Mass petition filed by M.Aneesh along with the local residents of Madapuram, Ettimoodu, Ozhukupara&Parambikulam villages regarding the quarry operations functioning in Manickal Gramapanchayath (File No.3137/EC1/2019/SEIAA)**

**Decision:** The Committee decided to accept the recommendations of the sub-committee in this regard and to initiate action accordingly. It was also decided to nominate a team consisting of Dr.A.K.Varma, Shri.K.Krishna Panicker, Shri V.N.Jithendran and Dr.C.Bhaskaran to visit the quarry sites and crusher units to verify the compliance and suggest additional safeguards to be taken while quarrying and handling the extracted materials.

**Item No. 106.86**

**Environmental Clearance to P.K.Das Institute of Medical Sciences, Nehru College of Educational and Charitable Trust Vaniyamkulam, Palakkad (File No. 554/SEIAA/EC1/4089/2014)**

**Decision:** The proponent is directed to submit a suitable damage assessment and remediation plan for the violation of EIA Notification 2006 committed by P.K.Das Institute of Medical Science.

**Item No.106.87**

**Environmental clearance for the proposed Granite Building Quarry project in Survey No. 403/5 in Elankur Village, Ernad Taluk, Malappuram District, Kerala by Mr. Faizal (File No. 1212/EC2/2019/SEIAA)**

**Decision:** The Committee accepted the report of the Sub Committee in this regard. The proponent is directed to furnish the following clarifications/documents:

1. Recently non cluster certificate.
2. Map showing labelled boundary pillars with geo coordinates
3. Revised drainage map with OB dumping site.

4. An area equivalent to the buffer area mentioned as rocky to be found close to the other side of the quarry for green belt.

**Item No.106.88**

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

**Decision :** The Proponent is invited for presentation along with the following documents:

1. Hazard zonation map of the area overlaying the proposed project site
2. Furnish recent non cluster certificate obtained from the District Geologist.
3. Measures to ensure continuous flow of water through the drainage pipe as the discharge from the spring should not be blocked. .
4. Provide drainage map with contours and O.B dumping site.
5. Extra space for buffer zone is to be found outside the boundary line connecting BP2 and BP3.

**Sd/-**

**Dr.C. Bhaskaran**  
**Chairman**

**List of members present in the Meeting on 29.11.2019**

- |                      |                             |
|----------------------|-----------------------------|
| 1. Dr.P.S.Easa       | 6. Dr. A.V.Raghu            |
| 2. Smt.BeenaGovindan | 7. Shri.M.Dileep Kumar      |
| 3. Dr.S.Sreekumar    | 8. Shri.K. Krishna Panicker |
| 4. Dr. N.Ajith Kumar | 9. Dr.R.AjayakumarVarma     |
| 5. Shri.G.Sankar     | 10. Shri.V.N.Jithendran     |

## **DAY 3- 30-11-2019**

### **General Discussions**

The Committee discussed various issues with respect to the ambiguity in operationalizing the rules, filed level complexities, inadequacies and information gap with respect to the details provided by the proponents, consultants and RQPs. The Committee also discussed different options to improve the efficiency and transparency of decision making in the SEAC as well as the difficulties experienced during the filed level investigations.

- 1) The following groups are identified for effective vetting of the proposals received for EC in Parivesh portal:.

Group I	Group II	Group III	Group IV
Shri.G.Sankar	Dr.S.Sreekumar	Dr.R.AjayakumarVarma	Dr.C.Bhaskaran
Shri.M.Dileep Kumar	Dr.N.Ajith Kumar	Smt.BeenaGovindan	Dr.A.V.Raghu
Dr.N.Anil Kumar	Dr.P.S.Easa	Shri.V.N.Jithendran	Shri.K.KrishnaPanicker

- 2) The following members of SEAC are entrusted with the preparation of the checklist for the aspects mentioned as below.

1	Mining	Shri.G.Sankar Dr.S.Sreekumar Dr.R.AjayakumarVarma
2	Building	Shri.K.KrishnaPanicker Shri.M.Dileep Kumar
3	Hydrology	Smt.BeenaGovindan Dr.N.Anil Kumar Shri.V.N.Jithendran
4	Biodiversity	Dr.P.S.Easa Dr.A.V.Raghu
5	CER	Dr.N.Ajith Kumar Dr.C.Bhaskaran

- 3) It was decided to recommend to SEIAA to ensure the process of conduct of social audit of projects granted EConthe various aspects of the environment in Kerala.

- 4) The Committee entrusted the Chairman, SEAC to take up the matter of providing adequate logistic and financial support for the sub-committees constituted for field level appraisal in accordance with that in practice of SEAC of other states.

It was decided to have the next meeting of SEAC on 24th December 2019.

**Sd/-**

**Dr.C. Bhaskaran**

**Chairman**

**List of members present in the Meeting on 30.11.2019**

- |                        |                             |
|------------------------|-----------------------------|
| 1. Dr.S.Sreekumar      | 6. Dr. A.V.Raghu            |
| 2. Smt.BeenaGovindan   | 7. Shri.M.Dileep Kumar      |
| 3. Dr. N.Ajith Kumar   | 8. Shri.K. Krishna Panicker |
| 4. Shri.G.Sankar       | 9. Dr.R.AjayakumarVarma     |
| 5. Shri.V.N.Jithendran |                             |