

**MINUTES OF THE 102nd MEETING OF SEAC, KERALA, HELD ON
26th & 27th AUGUST 2019 AT THE CONFERENCE HALL,
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

DAY 1- 26.08.2019

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

Item No.102.01 **Minutes of the 95th SEIAA Meeting held on 29th July 2019**

Noted

Item No.102.02 **Minutes of the 101st SEAC meeting held on 1st & 2nd August, 2019**

Noted

Item No.102.03 **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 RQP made a presentation. The Committee decided to obtain the following documents from the proponent:

1. Certificate of dam safety
2. In the light of floods in 2018 & 2019, a certificate regarding hazard occurrence from the Soil Conservation Department has to be produced by the proponent.
3. Clarification regarding the distance of the project site from the nearest forest area.
4. Proponent should produce a Certificate from Mining & Geology Department stating that cluster situation will arise only in the case of existing quarry / abandoned quarry

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

**Item No. 102.04 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 Committee decided to recommend for EC as per the norms for the violation project subject to the specific condition that CER plan of action has to be prepared in consultation with the Working Group on Environment of the Local Self Government on a need based manner, as per O.M. of MoEF(F.No.22-65/2017-1A.III dated 01.05.2018 along with disclosure on the socio-economic expert engaged for preparing CER plan of action.

Item No: 102.05 Environmental clearance for the proposed china clay mining project in Sy. Nos. 434/6, 8, 9, 15, 16, 17, 482/11, 483/2, 6 and 484/1, 2 at Melthonnakal Village, Trivandrum Taluk, Trivandrum District, Kerala by Sri. Chandrasekaran for M/s EICL limited (File No. 941/ SEIAA /EC1/4099/2015)

Decision: The Committee decided to recommend the request of the proponent for withdrawal of the application.

Item No.102.06 Environmental clearance for the proposed granite building stone quarry project in Re- survey No. 361/1 at Ongallur II Village, Pattambi Taluk, Palakkad District, Kerala by Mr. Suresh Babu.S., Managing Director, M/s Nila Sandrock Granites Pvt. Ltd. (File No. 1210/EC2/2019/SEIAA)

Decision: The Committee directed the proponent to submit air quality data at BP1

Item No.102.07 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. Biju Kumar.K. (File No. 1250/EC2/2019/SEIAA)

Decision: The Committee decided to obtain the following documents from the proponent:

1. Non-cluster certificate furnished is ambiguous since it states that there is a working quarry nearby. This has to be clarified
2. Feasibility report for new open well & tube well has to be furnished

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S

Dr.C.Bhaskaran

Secretary

Chairman

Item No.102.08 Environmental clearance for the proposed building stone quarry in Survey No. 563/2, 563/4 in Vellanad Village, Nedummangad Taluk, Thiruvananthapuram District, Kerala by Smt. Reena P , Managing Partner, Vigneswara Granites(File No. 1259/EC2/2019/SEIAA)

Decision:The Committee decided to obtain the following documents from the proponent:

1. A map showing top soil & overburden dumping site as suggested has to be furnished.
2. Consent letter from neighboring land owner has to be furnished.

Item No.102.09 Application for ToR 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 entrusted Shri. K.Krishna Panicker & Shri .G.Sankar for field inspection

Item No. 102.10 Complaint from Shri.Rajeev.P. regarding a quarry project of Shri.Adarsh.S.Babu in Nellanad Grama Panchayath, Thiruvananthapuram District (File No.2586/EC1/2019/SEIAA)

Decision:No such application is under consideration with SEAC

Item No. 102.11 Opinion seeking regarding Layout approval by Girija.K.S., Chief Town Planner (File No.2613/A2/2019/SEIAA)

Decision: The Committee decided to inform the CTP that the proponent concerned may be directed to apply for EC.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.12 **Application for Environmental clearance for mining of Ordinary earth-Sri.Rajkumar, S/o RajaGopal (File No. 788/A2/2019/SEIAA)**

Decision: The Committee decided to recommend for EC

Item No. 102.13 **Whether environmental clearance for sand mining from rivers can be given by SEIAA. (File No. 2408/A1/2019/SEIAA)**

Decision:The Committee decided to inform that sand mining can be done only on the basis of sand audit.

Item No. 102.14 **Minutes of meeting on 17.07.2019 regarding Vizhinjam port project
(FILE NO.2483/A1/2019/SEIAA)**

Decision:Regarding Environmental Impact Assessment, SEAC is following the guidelines and norms as per EIA Notification, 2006

Item No.102.15 **Environmental clearance for the proposed quarry project in Re-Survey No. 57/16, 57/1270, 57/1069 & 57/1273 in Valad Village, Mananthavady Taluk, Wayanad District, Kerala by Mr.Ulahannan (File No. 1247/EC1/2019/SEIAA)**

Decision:The Committee directed the proponent to submit a certificate from the Soil Conservation Department regarding hazard occurrence in this village during 2018 &2019.

Item No.102.16 **Application for ToR for the proposed 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 invite the proponent for presentation.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No. 102.17 Environmental Clearance for the proposed Building stone quarry project in Survey No. 302/1/274, 302/275/457, 302/148/1, 301/148/2, 302/148/3, 302/148/4, 302/148/5 in Vilakudy Village, Pathanapuram Taluk, Kollam District, Kerala by Mr.B.Sundaran, (File No. 1340/EC1/2019/SEIAA)

Decision: The Committee directed the proponent to submit the following details/documents:

1. Co-ordinates given in the application and mining plan are not consistent. Exact co-ordinates of boundary pillars used to be submitted.
2. Working and non-working quarries within 500 m from the boundary pillars have to be marked in a google map and a certificate from the District Geologist has to be submitted.

Item No:102.18 Environmental Clearance for the building quarry mining project in survey no.s 200/1C, Bellur village, Vellarikkund taluk, Kasargod district, Kerala by Mr.Nivin Ravi, Mg Partner, M/s Aidan Group, Building No.PP-X/283, Main road Peralassery P.O, Mundalur, Kannur (File No. 1405(A)/EC1/2019/SEIAA)

Decision: The Committee decided to invite the proponent for presentation along with hazard zonation map.

Item No:102.19 Environmental clearance for the Proposed quarry mining project in survey no.s 200/2, 201/2, 201/4, Kanakkari village, Meenachil taluk, Kottayam district, Kerala by Mr.Rajesh Mathew, Puthenpurrackal house, Pattithanam, Kottayam File No.1380/EC2/2019/SEIAA)

Decision: The Committee directed the proponent to resubmit the application complete in all aspects in Form-1 instead of form-1 M

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.20 **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 Committee decided to invite the proponent for presentation

Item No.102.21 **Environmental clearance for the proposed quarry project in Survey No. 1/1A in Pulamanthole Village, Perinthalmanna Taluk, Malappuram District, Kerala by Mr. Mohammed Shereef (File No. 1213/EC2/2019/SEIAA)**

Decision: The Committee decided to invite the proponent for presentation

Item No.102.22 **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 Mr. K.V. Moideenkoya, M/s Kallarattikkal Granites (File No. 1230/EC2/2019/SEIAA)**

Decision: The Committee decided to invite the proponent for presentation

Item No.102.23. **Environmental clearance for the proposed granite building stone quarry project in Survey No. 156/1 (P) & 156/2 (P) in Karimkunnam Village, Thodupuzha Taluk, Idukki District, Kerala by Mr. Haridas P.G., (File No. 1223/EC2/2019/SEIAA)**

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

1. Furnish the current status of the case before the High Court of Kerala in WP (C) 7365 of 2017 dated 05.12.2016 mentioned in the letter from the Village Officer
2. Submit the certificate of registration of RQP which has been sought by SEIAA earlier

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.24 **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 decided to invite the proponent for presentation

Item No.102.25 **Application for Terms of Reference for prior clearance for the dredging and desilting as Part of JaivaVipin Project by Kerala Land Development Corporation Ltd. (File No. 1404/EC2/2019/SEIAA)**

Decision: The Committee decided to issue standard ToR for conducting EIA study

ItemNo.102.26 **Application for environmental clearance for mining of Ordinary Earth Shri.Jose.K.I**
[File No.2481/EC2/2019/SEIAA]

Decision:The Committee decided to invite the proponent for presentation and also directed to submit the following documents:

1. Approved Mining plan
2. Photographs of the site
3. Demand letter of the excavated earth from the proposed user

ItemNo.102.27 **Application for environmental clearance for mining of Laterite Shri.Abdhul Muhsin.K.P**
[File No.2490/EC2/2019/SEIAA]

Decision:The Committee decided to invite the proponent for presentation and also directed to submit the following documents:

1. Approved Mining plan
2. Photographs of the site
3. Details of nearby laterite stone quarries

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

ItemNo.102.28

Application for environmental clearance for removal of Ordinary Earth Shri.Joby Joseph,Kottayam [File No.2565/A2/2019/SEIAA]

Decision:The Committee decided to invite the proponent for presentation and also directed to submit the following documents:

1. Letter of intent
2. Photographs of the site
3. Land use pattern
4. Vegetation Assessment Study Report by an expert

Item No.102.29

Application for Environmental Clearance for removal of ordinary Earth - Smt.Serin Scaria, Vellor Village, Kottayam District (File No.2687/A2/2019/SEIAA)

Decision:The Committee decided to invite the proponent for presentation and also directed to submit the following documents:

1. Approved mining plan
2. Photographs of the site
3. Land use pattern
4. Vegetation Assessment Study Report by an expert
5. Quantity to be mined

Sd/-

Sd/-

Dr. Veena.N.Madhavan .I.A.S
Secretary

Dr.C. Bhaskaran
Chairman

List of members present in the Meeting on 26.08.2019

- | | |
|----------------------|------------------------|
| 1. Dr.P.S.Easa | 5. Dr. A.V.Raghu |
| 2. Smt.BeenaGovindan | 6. Shri.M.Dileep Kumar |

3. Shri.V.N.Jithendran

7. Shri.K. Krishna Panicker

4. Dr. N.Ajith Kumar

8.Shri.G.Sankar

DAY 2- 27.08.2019

ItemNo.102.30

**Application for environmental clearance for mining of laterite
Sri.Ibrahim.C
No.2202/EC2/2019/SEIAA]**

[File

Decision: The Committee entrusted Shri. K.Krishna Panicker & Dr.A.V.Raghu
for field inspection

ItemNo.102.31

**Application for environmental clearance for mining of Ordinary
Earth Smt.Lisna Latheef & Linsa Latheef
[File No.2204/EC2/2019/SEIAA]**

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

1. Clarification with regard to purpose of extraction
2. Letter of intent from the District Geologist, Mining and Geology Department

ItemNo.102.32

**Application for environmental clearance for mining of Ordinary
Earth Shri.James Jacob
[File No.2205/EC2/2019/SEIAA]**

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

1. Letter of intent from the District Geologist, Mining and Geology Department
2. Recent work order

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

ItemNo.102.33

Application for environmental clearance for removal of Ordinary Earth from Sri.Manu Mathew, Balummel (H) Ernakulam – Reg. (File No.2265/A1/2019/SEIAA)

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

1. Letter of intent from the District Geologist, Mining and Geology Department
2. Work order for quantity of earth to be removed

ItemNo.102.34

Application for environmental clearance for mining of Ordinary Earth Shri.K.G.Sunny [File No.2302`/EC2/2019/SEIAA]

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

1. Letter of intent from the District Geologist, Mining and Geology Department
2. Latest photographs of the site

Item No.102 .35

Application for the Extension of Environment Clearance of Granite Building Stone quarry project in Survey No. 217/2,111/1/4,113/1/2 in Perakkamanna and Edavanna Village, Ernad Taluk, Malappuram District Kerala by Sri Jamal Muhammed (File No. 241/SEIAA/KI/971/2014)

Decision:The Committee directed the proponent to apply for ToR

Item No.102.36

Application for the Extension of Environment Clearance of Granite Building Stone quarry project in Survey No. 40/1/5, 40/1/3, 40/1/4 of MookkannurVillage, Aluva Taluk, Ernakulam Dist. Kerala with an extent area of 0.6811 Ha. by Mr.M.D Devassikutty (File No. 825/EC2/2019/SEIAA)

Decision:As the validity of EC issued by DEIAA is over,the proponent is advised to apply as fresh case.

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Sd/-

Dr.C.Bhaskaran
Chairman

Item No.102.37

Application for the Extension of Environment Clearance of Granite Building Stone quarry project in Survey No. 192/1/2,192/3 in Mookkannur Village, Aluva Taluk, and Ernakulam Dist. Kerala with an extent area of 0.9993 hectares by Mr. Mr.Sunil Kumar P.M (File No. 826/EC2/2019/SEIAA)

Decision:As the validity of EC issued by DEIAA is over,the proponent is advised to apply as fresh case.

Item No.102.38

Application for the Extension of Environment Clearance of Granite Building Stone quarry quarry project in - 189/2,189/3pt of Mookkannur Village, Aluva Taluk, and Ernakulam Dist. Kerala with an extent area of 0.9975 Ha. by Mr.Sukumaran E S (File No. 828/EC2/2019/SEIAA)

Decision:As the validity of EC issued by DEIAA is over,the proponent is advised to apply as fresh case.

Item No.102.39

Application for the proposed Granite Building Stone quarry project in Survey No. 34/2, 35/1 in Mankada Village, Perinthalmanna Taluk, Malappuram District, Kerala by Mr. Abdulla Palliyil (File No. 1308/EC/2019/SEIAA)

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

1. Non-cluster certificate(with working and non- working quarries)
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.40

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 directed the proponent to submit the following documents:

1. Hazard Zonation map
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.

Item No.102.41

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

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

1. Hazard Zonation map
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.

Item No.102.42

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

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

1. Hazard Zonation map
- 2 Non- cluster certificate(with working and non- working quarries)
- 3 Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Sd/-

Dr.C.Bhaskaran
Chairman

Item No.102.43 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 directed the proponent to submit the following documents:

1. Non- cluster certificate(with working and non- working quarries)
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.
3. Apply for EC
4. Affidavit to be corrected (statement regarding distance from the quarry to the protected area)

Item No.102 .44 Application for ToR for the proposed Granite Building Stone quarry project in Survey No. 95/5, 95/6, 95/7, 95/8, 95/9, 96/1A and 96/1B of Mankada Village,Perinthalmanna Taluk, Malappuram District , Kerala over an area of 2.7546 Ha by Mr. Sivasankaran M.P (File No-1358/EC2/2019/SEIAA)

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

1. Non- cluster certificate(with working and non -working quarries)
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.
3. Hazard Zonation map
4. Drainage map

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.45

Environmental clearance for the proposed granite building stone quarry project in Re-Survey Block. No.50, Re-Survey Nos. 472/3, 472/4, 473/7-2, 473/6, 473/4-2, 473/4, 473/7, 472/5, 470/2-2, 471/5, 471/2, 470/8, 470/5, 470/7, 470/3-2, 470/9, 470/4, 470/2, 468/3, 473/8, 470/6, 470/3, 473/5, 470/10, 470/10-2, 472/1, 468/2, 471/1, 471/8, 474/8, 473/8-2, 472/6, 468/1-2, 474/7-2 (Patta Land), 470/11, 470/1, 474/2 (Government Land) of Kummil Village, Kottarakara Taluk, Kollam District, Kerala by Mr.Biju M.K, Managing Partner & Authorized Signatory, M/s Vismaya Rocks Private Limited (File No. 1205/EC1/2018/SEIAA)

Decision: The Committee decided to invite the proponent for presentation along with softcopy of the EIA report.

Item No.102.46

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

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

1. Recent Non- cluster certificate with working and non- working quarries
2. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.
3. Hazard Zonation map
4. CER to be reworked
5. Biodiversity Assessment Report

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Sd/-

Dr.C.Bhaskaran
Chairman

Item No:102.47 Environmental Clearance for mining of Quarry in Survey No113/3-20,113/3-2-1,113/3-2-2,113/3-1-2,113/3-1-3,113/5-4 in kalayapuram village, Kottarakkara Taluk, Kollam District (File No. 1414/EC1/2019/SEIAA)

Decision:The Committee decided to invite the proponent for presentation and also directed to submit the following documents:

1. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.
2. Hazard Zonation map
3. CER to be reworked

Item 102: 48 Environmental Clearance for building stone quarry in Survey No.59/1-1,86/4 in block number 79 in koottikkal village, Kanjirapally Taluk, Kottayam District(File No. 2438/EC1/2019/SEIAA)

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

1. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018&2019 has to be submitted by the proponent.
2. Hazard Zonation map

Item No:102. 49 Environmental Clearance for the Proposed 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.Jubi Stiji,Pannamakal house, Kalathoor ,Kanakari,Kottayam (File No.1345/EC2/2019/SEIAA)

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

1. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.
2. Hazard Zonation map
3. CER to be reworked
4. Rework project cost
5. Details of flora & fauna

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

ItemNo.102.50

Application for Environmental Clearance for removal of ordinary Earth-Shri.Thankappan Pillai,Kollam(File No.629/A1/2019/SEIAA)

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

1. There is a private road on the north-east side of the boundary. At present the width of the road is 3m. The width of the road should be increased to 4.5 m and a retaining wall should be constructed to avoid any landslip in future.
2. A retaining wall should be constructed along the south-west side of the plot where it shares boundary with Punalur-Shencottai road.
3. The proponent has to take steps for maintaining green protocol in the three mini theatres and the auditorium under construction. The proponent should consult SuchitwaMission/ Haritha Kerala Mission/PunalurMunicipality for this purpose.
4. The piled ordinary earth should be used for government purpose if there is demand.
5. In addition to the current plan of constructing a rain water collection tank of capacity 1,50,000 L and the attached percolation pit, the proponent has to recharge two existing wells, one in the plot and the other along the side of the Punalur- Shencottai road. The proponent has to secure permission, if required, from the concerned authority.
6. The culvert with under-road drainage should be cleaned properly so that overflowing water, if any, can be diverted to it,after getting relevant permission.
7. The buildings are located on an elevated place and if the toilet and urinal waste are not managed effectively, black /grey water may reach the wells and public drain and will contaminate the stream flowing on the southern side of the Punalur -Shencottai road. Such gaps should be plugged without fail.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.51

Environmental clearance for the proposed quarry project in Survey No. 307/1A/18/11, 307/1A/18/11, 307/1A/23/15, 307/1A/23/15, 307/1A/16/9, 307/1A/17/10 & 307/1C in Kottappady Village, Kothamangalam Taluk, Ernakulam District, Kerala by Mr.K.M.Jalal (File No. 1263/EC2/2019/SEIAA)

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

- 1) Clarification for factual errors in the application and approved mining plan
- 2) A detailed map showing road for transportation of building stone. The road must be laid before the beginning of quarry operations.
- 3) The drainage map has to be redrawn considering the natural drainage pattern within the project area on a contour map. Silt trap must be of sufficient volume to prevent erosion of soil to the thodu on the eastern side of the project area. Its details are to be incorporated in the map.
- 4) Details of topsoil and over burden dumping site and measures to arrest erosion to be furnished.
- 5) Measures proposed to protect the present pit
- 6) Afforestation measures in the buffer zone
- 7) The CER/CSR needs to be reworked and should specifically mention year wise plan.

Item No: 102.52

Environmental clearance for the proposed china clay mining project in Sy. Nos. 427/1, 1-1, 1-2, 2, 4 & 5 at Melthonnakal Village, Trivandrum Taluk, Trivandrum District, Kerala by Sri. Chandrasekaran for M/s EICL limited (File No. 940/SEIAA/EC1/ 4098 /2015)

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

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S

Dr.C.Bhaskaran

Secretary**Chairman**

1. Storm water drains leading to RWH. The entire rainwater falling in the total plot of EICL and the water being pumped out of working pits may be directed into the two unlined open RWH structures so as to enhance groundwater recharge of the region. The recharge should take place through the sandstone layer. The storm drains available now to have recharge few pits (with depth up to sandstone layer) with an overflow section in the down slope area.
2. At least 7.5 m width of tree belt to be provided as a dust suppression mechanism considering the wind direction. A five level tree types with broad leaves should be selected for the buffer zone vegetation.
3. Considering the impoverished nature of the refilled material, it needs to be provided with additional organic matter that is available in the form of biodegradable waste/sludge. The initiative taken by CREDAI in with the organic material generated by the solid waste treatment in the Clean City Movement could be made use of to improve the health of the soil.
4. The ECIL should monitor five open wells within 200m of the project area for quantity and quality (potable water standards)
5. The company should make provisions for recharging the wells, if any, of the households in the proximity of the project site.
6. An inventory of plants and butterflies seen in the area may be prepared. This could be categorised into those seen in the proposed buffer of 7.5 m and the rest of the area.
7. The present native plants in the buffer (7.5 m) of the proposed site are to be maintained while removing the exotics like *Acacia*. The buffer area could be augmented with native species. Host shrub plants of butterflies could also be used.
8. Native plants should be raised in a nursery, at least two years before the reclamation, for to be ready with two year old saplings for facilitating increased survival of the planted ones. Nursery could be entrusted to a group of people (Kudumbashree-Women Self Help) in the surrounding areas. Species suitable for the area could be selected with the help of experts.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No: 102.53

Environmental Clearance for the quarry project Johnson Rocks in Sy. No 781/23-1,781/1-23-1 pt, 781/1-23-2,at Athikayam Village, Naranamuzhi Panchayath, Ranni Taluk, Pathanamthitta District, Kerala by Sri.Alexander V.John (File No.1002/EC4/5032/2015/ SEIAA)

&

Item No.102.54

Environmental clearance for the proposed building stone quarry project in Re survey No. 781/1/28-17-1 (Re.Sy.No.32), 781/1/28-17-2 (Re.Sy.No.32) in Athikkayam Village, Ranni Taluk, Pathanamthitta District, Kerala by Mr. Kuriakose Sabu, Managing Partner, M/s Kavumkal Granites. (File No. 1259 (A)/EC2/2019/SEIAA)

Decision: The Committee decided to accept the combined report of the sub- committee which is furnished below:

Combined Report on Johnson Rocks and Kavumkal Granites

The 94th SEAC meeting held on 12th and 13th of March 2019 directed M/s Johnson Rocks(**file no 1002/SEIAA/EC4/5032/2015**)to apply for ToR since the application invites cluster condition. This decision was communicated to the proponent and in response, the proponent submitted a request on 14/05/2019 to revoke the decision on the ground that the application was dated 4/12/2015 and had already completed all processes. The legal opinion obtained in this regard also stated that the decision of SEAC held on 12/13-3-2019 directing the proponent to apply for ToR was not legally tenable. The area sought for EC was 7.6190 ha out of total area 9.7331 ha.

Kavumkal granites shares boundary with Johnson Rocks and Mr.Kuriakose Sabu, Managing Partner, M/s Kavumkal Granites (File No. 1259 (A)/EC2/2019/SEIAA) had also applied for Environmental clearance for a building stone quarry project in Re survey No. 781/1/28-17-1 (Re.Sy.No.32), 781/1/28-17-2 (Re.Sy.No.32) in Athikkayam Village, Ranni Taluk, Pathanamthitta District.The area sought for EC was 4.0262 ha.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

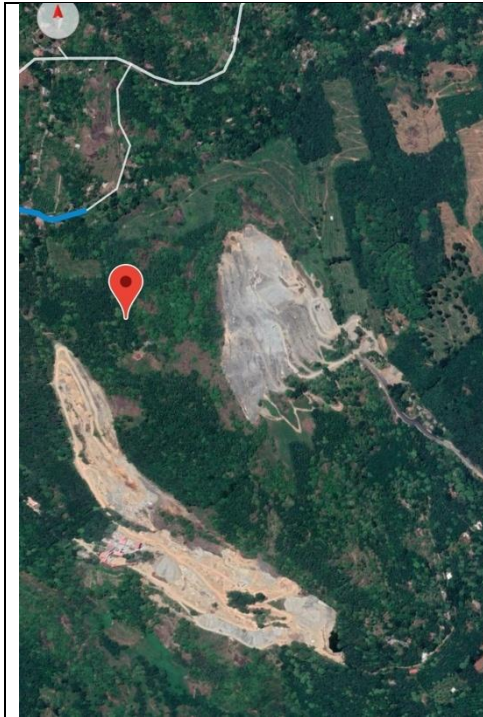
In this background, as per the decision of the 99th SEAC meeting, a sub committee comprising of Shri .G Sankar and Mrs Beena Govindan, members SEAC, conducted a field visit to proposed building quarry sites, Johnson Rocks and Kavunkal granites, on 6th August 2019 and submitted reports.

The SEAC held on 26 August 2019 unanimously decided to defer the legal opinion received for Johnson Rocks as the delay was due to misrepresentation of facts. Though they had produced a clarification letter from geologist (1560/DO PTA/M/15) stating that the nearby quarries were not mentioned in the cluster certificate because the quarries were not working when the cluster certificate was issued. When the subcommittee visited the site on 6th August 2019, it was observed that both the quarries have been working (Quarrying leases were granted to Sri. Tomy Abraham, Manimalathu, Vechoochira vide Pro. Order No. 561/09-10/62/M3/10 dated 29/01/2010 and 844/10-11/2059/M3/11 dated 15/03/2011 for quarrying granite building stone from an area of 2.1286 ha and 2.2278 ha respectively from two different parts of Sy.No.781/1-23-1 in Athikayam Village and another two leases were granted to Sri. Kuriakose Sabu, Managing Partner, Kavumkal Granite, Chempanoli, Vechoochira vide 308/10-11/4078/M3/10 dtd 07/08/2010 for quarrying from an area of 6.0750 ha from Sy nos. 781/1-22, 781/1-26pt, 781/1-32, 781/1-21-126, 781/1-16pt, 781/1- 28-22, 781/1-28-20, 781/1-30 in Athikayam Village).

Considering above facts, the steeply sloping terrain, presence of two existing quarries and two proposed quarries (total area 22.0766 ha) within 500m radius, and the recent disasters, the SEAC decided to recommend for standard ToR for both Johnson Rocks and Kavumkal Granites with the additional points mentioned below. The proponents should produce a certificate from the local soil conservation department regarding incidence of any natural calamity in the area during 2018 and 2019.

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman



1.

The pointer shown in 1 is in between BPs 29 and 30 of Johnson Rocks.

The quarry on the Eastern side of the pointer is Mani Malethu Crusher Industries and on the Southern side is Kavumkal Granites.



2.

The quarry shown above (2) is Kavumkal Granites and below (3) is Mani Malethu Crusher Industries



3.

A standard ToR with following special aspects is applicable in this case

1. As both the quarries have to use the same road (which does not have the capacity to bear even the current transportation of rock products from existing quarry of Kavumkal granites), it is necessary to do a carrying capacity study and develop a proper transportation management plan.
2. Since the quarries proposed are located on the high slope sides of the range with thick overburden and also the area seems to be a rockfall potential area, it is required to analyse the level of risk of slopes using micro-slope analysis for understanding potential slope instability.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.55 Application for Environmental clearance for proposed Kochi Waste to Energy Project, Brahmapuram, Ernakulam (File No.2363/A1/2019/SEIAA)

Decision: The Committee decided to accept the following suggestions/recommendations of the sub-committee comprising of Er.M.Dileep Kumar, Dr.P.S.Easa, Dr.S.Sreekumar and Dr.N.Ajith Kumar, Members of SEAC:

The Sub Committee of SEAC, based on the EIA Report, Site Visit and discussions it had at the Site with the representatives of the project proponent, made the following suggestions/ recommendations as the EIA report in this regard is lacking these information /details:

A. Environmental Safeguards

1. Modify the quantity of Legacy Waste available at the site given in the EIA Report, by conducting / accessing proper estimation of quantity (by conducting Bore Hole observation /other means) and clarify the available quantity of Legacy Waste (estimated feed stock to the plant at the rate of 200 TPD for 15 year period as per the EIA report), as the Official of Kochi Municipal Corporation informed the Sub Committee that the Legacy Waste available at site is in 16 Acres of land, but in the EIA Report it is given as in 60 Acres of land. The quantification is essential for ascertaining quantity of Rejects from Legacy Waste for designing the proper Sanitary Landfill / Capping of Rejects at the site, as specified in the SWM Rules, 2016. This activity is essential for preventing further environmental damage in the area.
2. Modify and specify action suggested for Bio Mining Process for ensuring eco-friendly and pollution free Bio Mining of Legacy Waste, showing the environmental safeguards as per the Guidelines / Rules of the Central and State Governments, as it is not clear in the EIA Report in what way the Bio Mining activity is performed without causing further damage to the environment.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

3. Modify / propose sufficient environmental safeguards for avoiding release of Syngas to the environment, as there is no Synthesis Gas Storage Facility at the site and there is no Facility for removal of Tar from the Syngas, as it is a primary concern for environment as well as safety of Plant equipment. This aspect is to be considered and should include in the EIA Report. Gasification takes place in low oxygen environment that limits the generation of emission pollutants.(During gasification, tars, heavy metals, halogens, and alkaline compounds are released within the product gas and can cause environmental and operational problems. Tars are high molecular weight organic gases that ruin reforming catalysts, sulphur removal systems, and ceramic filters and increase the occurrence of slagging in boilers, on other metal and refractory surfaces).It should be considered in the design stage for ensuring sustainable operation of plant.
4. Modify / propose facility for additional Storage facility for incoming waste of 500 TPD as it is not considered in the EIA report, and the proposal is to ensure synchronization of the Gasifier with Heat Recovery Boiler and Generator, for power generation without pre-storage of syngas. At the time of plant maintenance/breakdown, it should be ensured that, necessary precautionary facilities are provided for safe storage of incoming waste of 500 TPD and ensure that it is stored safely for further processing without causing environmental issues.
5. Modify / provide details of additional Fuel used in the Gasifier as it is not clearly specified in the EIA report but mentioned in a general manner and it is an essential factor for checking suitability/adequacy of Air Pollution Control Systems proposed.

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Sd/-

Dr.C.Bhaskaran
Chairman

B Pollution Control /Emission Control

6. Modify / provide details for proper Pollution Control / odour extraction and control facilities suggested for control of objectionable Odours from waste unloading and pre-processing areas (shredding and segregation) with proper Bio Filter System including proper ducting of all areas, providing negative pressure and use of proven filter media with special consideration of the climatic conditions of Kerala, for ensuring avoidance of spread of bad odour in the surrounding areas. This is an important component, as wood chips based Bio Filter System mentioned in the EIA report may not be sufficient for odour free operation of the plant as it is the main concern of operation of processing plants in Kerala.
7. Modify / provide details of sufficient Plant Area for Bio Drying process (20 bays of 50 m by 8 m size, as it is quite inadequate as the floor area given in the EIA report is only about 8000 sq m ,) required for 18 to 28 days of bio drying and it should contain provisions for avoiding dumping of waste outside the shed and also provide details of actions proposed for avoiding environmental issues from the turning / aeration process or from the open shed containing Bio drying beds, as it is a major concern of existing SWM Processing Plants in Kerala.
8. Modify and provide proposals /commitments for establishing double Stage Gas Cleaning Facilities, for cleaning of emission gas through the Dry Scrubber and Bag House for the two units of Gasifiers, as it is done in the European Countries, for ensuring efficient /trouble free operation of emission control facilities at all times. It is an essential requirement for ensuring sustainable operation of the plant in an environmentally friendly manner, from the experience of OKHALA WTE Plant (Thermal Technology Plant) at Delhi. Even though Kochi WTE is a Gasification Plant, the attempt in Kerala is to bring in International experience and development of a Model Gasification Plant, that is coming up first time in India and to showcase it with trouble- free operation by considering the caution given in the CPHEO , Govt. of India in the Manual on SWM 2016, specifically for Gasification technology.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

C. Leachate Management

9. Modify / include sufficient capacity of Leachate Treatment Plant at the site preferably 130 KLD (instead of 30 KLD given in the EIA Report) in the peak and on an average 100 KLD, considering leachate from all areas including Sanitary Landfill facility. Consider treatment of Sewage in a separate STP or combining it with Leachate Treatment Plant for the additional sewage generation quantity of 25 KLD, for avoiding the situation of discharge of untreated waste water in to the surrounding environment. .
10. Modify / include in the EIA report as reported to the Sub Committee at the time of Site Visit, the proposal for adding scientific treatment facility for Leachate such as Primary Treatment (comprising of Bar Screen), Secondary Treatment (comprising of Anaerobic Treatment such as UASB/ Fixed Bed, Flocculation, sedimentation, Aerobic treatment comprising of ASP with MBBR Type/ other type) followed by Tertiary treatment with PSF, ACF and final polishing treatment with Microbial Soil Based Reed Bed (MSR) System. The treatment method given in the EIA report is Microbial Soil Based Reed Bed (MSR) System alone for treatment of Leachate and that is quite inadequate to treat so as to reuse the treated leachate as specified by the State Government order dated 9.8.2018.
11. Modify the Fig 2.2 of EIA report the location of Reed Bed, as it shows that storm water is coming to reed bed. The reed bed actually stands alone and it is intended for final treatment of Leachate as per the EIA Report but the position of Reed Bed shown in the figure is away. This component should be linked with Leachate Treatment Plant and position/ location of Reed Bed is to be clearly specified in the EIA report.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

12. Modify/ include in the EIA report, sufficient facilities for reuse of treated Leachate for reuse in the Plant for Boiler cooling/ reactor cooling/ floor washing/ vehicle washing /gardening, as the treated water is to be fully utilised for reuse of treated leachate as per the Government order dated 9.8.2018 of the Local Self Government Department, Government of Kerala and considering the prevailing necessity it is an essential component for solving water pollution problems in the area and to ensure anticipated environmental safeguards in the site.

D Sanitary Landfill Facility

13. Modify and provide details of Sanitary Landfill Facility / recovery of resources as specified in the MSW Rules 2016, for the disposal of pre-processing and post processing rejects including fly ash from the 500 TPD Plant. Also provide sufficient area for establishing sanitary land fill in the Development Plan of the project, by considering all these components as it is a major environmental safeguard measure for a Waste to Energy Plant, as is simply mentioned in the EIA report that 7 TPD Ash will be sent to the Sanitary Landfill.
14. Modify and provide sufficient proposals / details for utilising Fly Ash from the plant for Fly Ash Brick Manufacture / any other useful by-product manufacture, as no such details are provided in the EIA report. This is one major component in a Waste to Energy plant for ensuring sustainable and environment friendly operation and it is a basic statutory requirement as per MSW Rules, 2016.

E Special Nature Local Land Environment

15. Modify / relook for proper geological investigation for ensuring structural safety in the design of Structures proposed to be built in the area as there is challenge in sub soil strength in the area, in the light of structural failure of existing Compost Plant which is causing severe environmental damage in the area.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

F Biodiversity Related Matters

16. Modify the Biodiversity component related to project site as the fauna list seems to be not complete especially while considering the diverse ecosystems in the area, better to refer People's Biodiversity Register.
17. Modify / relook on the part that there is no impact or mitigation measures due to the reclamation of the part of the wetland. There could be impact on the dependent community, if there is dependence. There could be impact on water availability. There could be impact on the fishes and other aquatic fauna. Based on the CWRDM studies, necessary amendment has to be made in the EIA.
18. Modify the background information in the EIA Report as most of the background information is on the Ernakulam district not specifically for the area within the 10 km radius.
19. Recheck and correct the following background information given in the EIA Report.
 - Table 1-3, the 8th one says that the area is not flood plain, which is not correct. The 10th item says the site is not wetland. Actually, it is and that is why there is a decision for conversion.
 - Table 3.1, 3rd item is left blank. This needs to be filled up. Items 8-11 need to be revisited and corrected/elaborated.
 - Chapter 3.5.3.1 Everything except Mangalavanam.
 - In 3.5.3.3 The agricultural resources say everything except rice cultivation.
 - 3.5.3.4 No details of fishes in the wetlands and lakes.
 - Table 3-2 LULC and Figure 3-3 are contradictory. As per Figure, agriculture and aquaculture form 64%. In the Table, it is different.
 - Table 3.3- Landuse – Landcover, better cite the reference if the classification to wasteland waterlogged/wasteland scrub use is correct.
 - In 3.10.2, the method seems to be wrong. It says collection of information from the discussions with local people. This cannot be primary data. No method given for fishes.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

20. Modify the list of Fauna, as fauna list seems to be not complete especially while considering the diverse ecosystems in the area, it is better refer People's Biodiversity Register.

G. Environmental Monitoring

21. Modify / provide proposal for ensuring effective Stack Emission Monitoring and Ambient Air Quality Monitoring mechanism for the parameters specified by KSPCB and specified in the SWM Rules 2016, since the project is the first of its kind in Kerala. Effective monitoring mechanism is a primary requirement for making sure that the specific conditions insisted in the environmental clearance are complied with, hence sufficient mechanism for monitoring of gas including dioxins, mercury and cadmium in the stack emissions for ensuring efficiency of emission control measures.
22. Modify / provide proposals for ensuring constitution of a Monitoring Committee as suggested in the Public Hearing and the proponent has agreed to that suggestion (as reported in the EIA report).
23. Modify / provide details of proposed action for ensuring monitoring / collection of necessary data on the quality of air and water and leachate more frequently, preferably shorter duration than suggested in the EIA report especially in the first year of operation. As suggested in the NGT order on Okhla Waste to Energy Plant, the proposed project should have an online monitoring system (as suggested in the EIA report) and it should be linked to Central Pollution Control Board and State Pollution Control Board.

The Committee decided to intimate the proponent to modify/ add necessary corrections/amendments in the EIA Report in line with the above mentioned additions/modifications for making the EIA Report full and for ensuring commitments compliable and accountable as it is a project intended for solving the issues of solid waste management in the State.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.56

Environmental clearance for the proposed Building stone quarry project in, Survey No.257/2/1,257/2/3,257/2/4,257/3/1,257/3/2,258/4 in Vengappally Village, Vythiri Taluk, Wayanad District, Kerala by Mr.Sudheesh A T, Proprietor, (File No. 1227/EC1/2019/SEIAA)

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

1. Garland canal to be redrawn with site specific locations for outlets
2. The hollow portions in the area are to be maintained. Drain is to be provided between pillars 18 & 17
3. Gabiyan walls to be provided in the OB dumping area
4. Present Vegetation in the buffer zone is to be maintained
5. In the valley bottom, soil binding species like bamboos and tree species (even coffee) may be planted. Preference could be the native species removed from the site.
6. Outflow canals are to be maintained properly with lining till it meets the public drain
7. Maintain two labourers for the upkeep of the garland canal (register to be maintained)
8. CSR/CER to be reworked as per norms with year wise break up. Demand/Agreement letter to be produced for each item
9. The quarry pond which will be formed once the quarrying is over is going to be stagnant. An outflow section may have to be provided connecting with outside drain
10. The last bench should not be lower than the nearby seasonal drain/ ground water table
11. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 & 2019 has to be submitted by the proponent

Item No.102.57

Terms of Reference (ToR) for the proposed Building stone quarry project in Re Survey No. 47/1-1, 47/1-2 in Purakkady Village, Sulthan Bathery Taluk, Wayanad District, Kerala by Mr.Sudheesh A.T, Proprietor, (File No. 1294/EC1/2019/SEIAA)

Decision: Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 and 2019 has to be submitted by the proponent.

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Sd/-

Dr.C.Bhaskaran
Chairman

Item No. 102.58 **Application for Renewal of Environmental clearance for the proposed quarry project in Sy. Nos. 684, 685, 688, 693/2, 692, 690, 691, 687, 688p, 689p, 690p and 700p at Desamangalam Village Thalappilly Taluk, Thrissur District, Kerala by M/s B.P. Associates (File No. 153/SEIAA/KL/3073/2013)**

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

1. The proponent has to formulate a better CER/CSR strategy in consultation with the Local Self Government representatives.
2. The burnt areas in part of the surroundings should be planted with native species within six months.

Item No.102.59 **Application for Terms of Reference for the Proposed Expansion of Mixed Land use (Master Plan Project by M/s Dragonstone Realty Pvt. Ltd at Attipra village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala by Mr. Ajay Prasad & Mr.R.Anil Kumar, Authorized Signatories, M/s Dragonstone Realty Pvt. Ltd. (File No. 1202/EC2/2018/SEIAA)**

Decision: The Committee decided to issue standard ToR and the EIA study should also consider the cumulative impact of the proposed project on the structures nearby.

Item No.102.60 **Environmental clearance for the proposed Building stone Quarry project in Re.Survey Block No.1, Re. Survey No.49/1B,85,86 in Balussery Village, Koyilandy Taluk, Kozhikode District, Kerala State by Mr. Rajeevan Nambiar (File No. 1262/EC1/2019/SEIAA)**

Decision: The Committee directed the proponent to submit the following document:

Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 & 2019 has to be submitted by the proponent.

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.102.61

Environmental clearance for the proposed Building stone quarry project, Re Survey No.591/1,591/2 in Vengappally Village, Vythiri Taluk, Wayanad District, Kerala by Mr.Sudheesh A.T, Proprietor, (File No. 1293/EC1/2019/SEIAA)

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

1. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.
2. . Overburden dumping area near the Panchayat road should be well protected with retaining wall with weeping holes
3. Buffer zone vegetation should be maintained
4. Provide 7.5 m wide approach road
5. In the valley bottom soil binding plant species are to be planted
6. Outflow canals to be maintained properly with lining till it meets the public drain.
7. Maintain two labourers for the upkeep of the garland canal (register to be maintained)
8. The quarry pond which will be formed once the quarrying is over is going to be stagnant.
9. An outflow section connecting with outside drain is recommended
10. The last bench should not be lower the local ground water table
11. The CER/CSR programmes have to be reworked and submitted.

Item No.102.62

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 directed the proponent to submit the following documents:

1. Considering the recent natural calamity, a certificate from the Soil Conservation Department regarding hazard occurrence during 2018 &2019 has to be submitted by the proponent.
2. Garland canal drawn is not site- specific. In many places, it is cutting across the lake and it should be resubmitted with corrections

Sd/-

Sd/-

Dr. Veena.N.Madhavan, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

3. The approach road is narrow and needs widening to at least 7.5 m
4. Designate 2 labourers for periodic cleaning of silt trap and garland canal
5. Construction of protection walls required for the OB dumping site to check spill over.
The nearby crusher could also have retention wall.
6. 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
7. The nearest house is 86 m. Better to have a consent letter from nearby house.
8. The CER part has to be reworked and submitted.

Item No.102.63 **Application for EC for mining of Ordinary earth- Smt.Poornima, Desai Homes, Kazhakuttom (File No. 877/A2/2019/SEIAA)**

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

1. The Proponent should be specific about the disposal of mined earth, whether they are storing in their own land or taking it outside the project site.
2. If the proponent is taking out the mined earth out of the project site, the proponent should provide the demand notice for the requirement of soil/earth or permission to dispose of the soil/earth in the land designated for the purpose.
3. Since the approach road (Edavilakom)is narrow the proponent should propose a sustainable traffic management plan for deploying heavy trucks and excavating machinery in the area.
4. The proponent should not do any other developmental work in the surrounding area other than mining related work, without obtaining EC.

The next meeting of SEAC will be held on 17th &18th of September,2019

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

Sd/-

Sd/-

Dr. Veena.N.Madhavan .I.A.S
Secretary

Dr.C. Bhaskaran
Chairman

List of members present in the Meeting on 27.08.2019

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