

MINUTES OF THE 123rd MEETING OF THE SEAC KERALA HELD DURING 27th – 30th JULY 2021 AT THE CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM

The 123rd meeting of the SEAC KERALA was held online during 27th – 30th July, 2021 observing all the Covid-19 protocols stipulated by the Government. The meeting started at 10.00 AM on 27th July, 2021 with Dr.C. Bhaskaran, Chairman, SEAC KERALA chairing. The Chairman welcomed the members to the meeting. The Committee then moved on to the deliberations on the agenda items.

PHYSICAL FILES

Item No. 123. 01 Minutes of the 122nd SEAC meeting held on 15th – 18th June 2021

Decision: Noted. The Committee also ratified the decisions of the Chairman with respect to the changes in the Field Inspection Teams and nominations to the Joint Inspection Committees.

Item No.123.02 Environmental Clearance for Granite building Stone Quarry in Sy. Nos. 464/2A, 464/2B/1, 464/1A/1,462/1A/2, 463/3B, 464/3/2 and 464/3/1 in Thirumarady Village, Muvattupuha Taluk, Ernakulam District - Judgment in WP (C) 7697/2021 (J) filed by Smt. Bindhu P.A.,Thevarmadow Granites -Revalidation of EC (File No. 997/EC3/4906/2015)

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Sri.K.Krishna Panicker and Dr.N. Ajith Kumar with the field inspection.

Item No. 123.03 Judgment in WP (C) 3721/2021 filed by Sri.C.P.Muhammed-regarding the validity of EC. (File No.748/EC4/2021/SEIAA)

Decision: The proponent's authorised representative and the RQP were present. The RQP made the presentation. The Committee entrusted Shri.K.Krishna Panicker and Dr.A.V. Raghu with the field inspection.

Item No.123.04 Judgment in WP (C) 5361/2021 filed by Sri.Linej T.P- regarding the validity of EC. (File No.912/EC4/2021/SEIAA)

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Shri.K.Krishna Panicker and Dr.A.V.Raghu with the field inspection.

Item No.123.05 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 proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents/details:

- a. Detailed report of landslide zonation mapping and slope stability analysis of the quarry.
- b. The study should be conducted with proper smaller grid size considering the fact that landslides in Kerala are narrow and lengthy.
- c. The study (sheer strength) should be done in wet conditions.
- d. The soft copy of the report should be circulated to the SEAC members.
- e. The inferences should be supported by data.
- f. The Scientist who prepared the report should present the details before the SEAC.

Item No.123.06 **Application for Environmental Clearance 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 ha by Sri. Muhammed Faisal K. P (File No-1300/EC/2019/SEIAA)**

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents/details:

- g. Detailed report of landslide zonation mapping and slope stability analysis of the quarry.
- h. The study should be conducted with proper smaller grid size
- i. The study should be done in wet conditions.
- j. The soft copy of the report should be circulated to the SEAC members.
- k. The inferences should be supported by data.
- l. The Scientist who prepared the report should present the details before the SEAC.

Item No.123.07 **Environmental Clearance for the quarry project in Sy. No. 1/1(pt), 2/2(pt), 3/3(pt) and 32/2(pt) at Mankada Village, Mankada Panchayath, Perinthalmanna Taluk, Malappuram District by Sri.M.P.Shoukathali, Managing Director, M/S Ernad Granites Pvt. Ltd. – Judgment dated 30.03.2021 in WP(C) No.8301 of 2021 - Revalidation of EC (File No.609/SEIAA/EC1/4638/2015)**

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Dr. S Sreekumar and Dr. PS Easa with the field inspection

Item No.123.08 **Environmental Clearance for the quarry project in Sy.Nos. 110/1, 111/3 at Karakunnu Village, Thrikkalan Panchayath, Malappuram – Judgment dated 22.02.2021 in WP(C) No.4396 of 2021 - Revalidation of EC (File No.848/SEIAA/EC1/2861/2015)**

Decision: The Committee decided to defer the presentation as requested by the proponent.

Item No. 123.09 **Environmental Clearance for the Building Stone quarry project in Sy.No. 36/3 (pt), 37/1(pt), 37/2(pt), 37/3(pt) at Morayoor Village, Kondotty Taluk, Malappuram District, Kerala by Sri.E.A.Abdul Karim, M/s Malabar Aggregates – Judgment dated 23.02.2021 in WP(C) No.4687 of 2021 - Revalidation of EC (File No.853/SEIAA/EC1/2977/2015)**

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Dr. S Sreeekumar and Dr P.S. Easa with the field inspection

Item No.123.10 **Environmental Clearance for the quarry project in Sy.Nos. 51pt, 47/1pt & 49/2pt in Kizhuparamba Village, Ernad Taluk, Malappuram District, Kerala by Sri.K. Kunjumoyin, Managing Partner, M/s Friends Crushers – Judgment dated 29.03.2021 in WP(C) No.8118 of 2021 - Revalidation of EC (File No.861/SEIAA/EC1/2990/2015)**

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Dr. S. Sreeekumar and Dr. P.S. Easa with the field inspection.

Item No.123.11 **Environmental Clearance issued by DEIAA, Malappuram for the quarry project in Re.Sy.No.234 in Pathaikkara Village, Perinthalmanna Taluk, Malappuram District, Kerala by Shri.Saidalavi.K – Judgment dated 29.03.2021 in WP(C) No.8190 of 2021 - Revalidation of EC (File No.1052/EC6/2021/SEIAA)**

Decision: The proponent and the RQP were present. The RQP made the presentation. The committee decided to entrust Dr. S Sreeekumar and Dr P.S. Easa with the field inspection.

Item No.123.12 **Application for Environmental Clearance for removal of ordinary earth in Sy.No.270/6 & 270/3 at Kulakkada Village, Kottarakkara Taluk, Kollam District by Sri.Thambu.S [File No.916/A1/EC1/ 2019/SEIAA]**

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Application for Environmental Clearance for mining of brick clay in Sy.No. 111/1 & 111/2 in Puthoor Village, Kottarakkara Taluk, Kollam District by Sri.P.Sundaran [File No.929/A1/2019/SEIAA]

Decision: The proponent explained the details of extraction of ordinary earth and clay satisfactorily. The quantity of clay extracted before permits came into force was 32180 m³. This was not accounted in the earlier reports. If this quantity is considered there is still a shortage of 19480m³ of ordinary earth even after considering the new proposals (Details given in the table). In this context, SEAC decided to recommend EC for both the projects.

Date	Ordinary earth	Clay Extraction	Remarks
		Clay extracted from 109/1-2 Puthoor Village (0.8045Ha*4 M) 32180 m3	Before Permits came into force.
30/03/2011	Extracted 9112.5 m3 (45m*45m*4.5m) earth from 61.3 a land (Sy.Nos 273/2, 273/2-1) 9112 m3		Permission of Kollam RDO for reclaiming the pits formed by mining of brick clay in Sy Nos 111/1 and 111/2 Puthoor Village, Kottarakkara Taluk
23/04/2014		Mined clay from 21 Ares in Sy.Nos 111/1,111/2 Puthur Thaluk, Kottarakkara Village 1000 m3	Mining permit 01/2014-15/DOQ/BC/S2/MM/832/2014 (Bank guarantee of Rs.68,26,302)
31/05/2014		Sy.Nos 111/1,111/2 Puthur Thaluk, Kottarakkara Village 500 m3	Mining permit 02/2014-15/DOQ/BC/S2/MM/1457/2014
Total	9112 m3	33680 m3	
New application 22/03/2019 SEIAA	0.1498 ha 270/6, 270/3 Kulakkada Village, Kottarakkara. Depth 5 m Mining plan approves mining of 6720 m3 earth		
New application		Mining from 0.0554 ha in Sy Nos.111/1 and 111/2 in Puthoor Village Kottarakkara Thaluk, Kollam district. Depth 3m 1632 m3	
G Total	15832 m3	35312 m3	Shortage of ordinary

			earth for filling clay extracted areas is 19480 m3
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Item No.123.13 **Environmental Clearance for the Commercial project “Ozone Mall” in Sy. Nos. 4/2B, 146/1 and 146/7 at Pathaikkara Village, Perinthalmanna Municipality, Perinthalmanna Taluk, Malappuram District, Kerala by Sri. A.K. Abdul Aziz, M/S INOA Properties & Developers L.L.P. – Request to remove the Ordinary Earth – reg :- (File No. 864/SEIAA/ EC1/3073/2015)**

Decision: The Committee heard both the proponent & the Consultant and directed the proponent to submit the hearing note in this regard.

Item No.123.14 **Environmental Clearance for the proposed Building stone Quarry project in Survey No. 236/3,237/1&238/2 in Thirumeni Village, Payyannur Taluk, Kannur District, Kerala State by Mr. Narikkadan Dasan (File No. 1292/EC2/2019/SEIAA)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional document:

- a. Source of water proposed in the project is not found feasible and therefore, a revised proposal for source of water should be submitted.

Item No.123.15 **Judgment dated 4.10.2019 in WP(C) No.31684/2016 filed by Shri. Tomy Thomas (File No.1255/EC4/2016/SEIAA) (Common Judgment in WP © 31684/2016, WP (C).15505/2016 & WP (C) 25529/2019)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to forward the recommendations to SEIAA. The quarrying in the said location as stipulated in the approved mining plan is feasible subject to the EC conditions issued earlier and the following additional conditions:

- a. Blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive.
- b. Nonel based shocktube detonators should be used for initiation so as to have hole to hole delay of 17ms and 25ms and accordingly row to row delay of 25ms or 42ms.
- c. Blast should be conducted by a qualified personnel as stipulated by the Director General of Mine Safety.
- d. Adequate muffling arrangement should be made to restrict fly rocks within 10m.

- e. Blasting configuration and layout should be strictly according to the recommendation in the study report of the Department of Mining Engineering, National Institute of Technology- Karnataka (NIT-K), Suratkal, Mangalore dated 16.4.2021.
- f. The blasting configuration and layout as per Table 4 and Figure 20 given the report should be displayed in front of the project site.
- g. Haulage road should be completed with adequate width and lower gradient prior to the commencement of mining.
- h. The catchwater drains should be complete in all respects prior to the commencement of mining
- i. A water holding and clarifier pond should be set up at the bottom portion of the site so as to prevent outflow of turbid water.
- j. Adequate Rain Water Harvesting structure should be provided on the lower part of the site.
- k. Overburden dumping site should be provided with protective walls.
- l. The existing steep cutting should be set right with adequate benches with stipulated height and width prior to commencement of regular mining.
- m. A separate plot to preserve the rare and endemic species, if any, should be earmarked.
- n. Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement regular mining.
- o. A Local Monitoring Committee consisting of the President, Thalappalam GP, Member of the concerned Ward of Thalappalam GP, One nominated Member of the Biodiversity Management Committee of the Thalappalam GP, Proponent of the Mine Project, Expert in the Environment Management Cell (EMC) of the Project should be constituted. The Committee will meet once in two months and monitor the conditions stipulated in the mining approval, consent to operate and environmental clearance and their suggestions should be implemented by the EMC without amending any conditions stipulated in various clearances obtained for operating the mine.

Item No.123.16

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

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised CER proposals as part of EMP with physical details of each activity and realistic budget provision for each.
- b. Revised EMP by including all activities required under the proposed EMP and mitigation measures with reasonable budget provision.

Item No.123.17 **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 hectare. (File No-2445/EC2/2019/SEIAA)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised CER incorporated in the EMP is not satisfactory. It should be submitted site-specific.
- b. A bed stitching centre is situated within 200m radius. A sworn affidavit from the proponent that it will be demolished before quarrying is to be submitted..

Item No.123.18 **Application for Environmental Clearance for the Granite Building Stone quarry project in Survey No. 355/Pt of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala for an area of 0.9042 Ha. by Sri. Saithalavi.C (File No. 1336/EC2/2019/SEIAA)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- 1. The proponent has to rework the project cost by incorporating all costs including land cost in accordance with revenue records, cost/rent of equipment, cost for road laying/improvement, cost required for providing basic minimum infrastructure facility for social needs of the employees and cost of EMP.
 - 2. The CER should be revised in accordance with the revised Project Cost and as well as incorporating the environmental and social safeguard measures in the neighboring areas indicating monitorable targets and feasible locations arrived at in consultation with the Local Government.
 - 3. Consent of the owners of the two adjacent land abutting the proposed mine (Sy. No. 353 & 354) or revise the mine plan leaving 50m buffer between the mine boundary and the boundary of the above plots.
- a. The documents submitted is not satisfactory resubmit CER incorporating EMP should be specific.

Item No.123.19 **Application for ToR for the proposed quarry project in Survey No.1of Kannamangalam Village, Thirurangadi Taluk,**

Malappuram Dist. Kerala by Mr. Sharafuddeen K.K, Managing Partner (File No. 1287/EC2/2019/SEIAA)

Decision: The Committee scrutinized the additional documents submitted by the proponent. The Committee decided to recommend the issuance of standard ToR for EIA.

Item No.123.20 **Environmental Clearance issued to M/s. Darkstone Land Developers Pvt. Ltd in Sy. No. 1/1 (pt) of Ottappalam Village, Ottappalam Taluk, Palakkad District, Kerala by Sri. Shamsudheen. M.P – CrI. M.C. No. 1232 of 2021- Interim Report furnished-reg (File No. 705/SEIAA/KL/5657/2014)**

Decision: The Committee noted that the Interim Report in this regard has been submitted to the Hon'ble High Court of Kerala and decided to await further orders.

Item No.123.21 **Judgment in WP (C) No.9574/2021 filed by Sri.Abdul Muneer.C, M/S Indo Black Stone - regarding the validity of EC. (File No.862/SEIAA/EC4/2991/2015**

Decision: The Committee scrutinized the additional details submitted by the proponent and decided to invite the proponent for presentation.

Item No.123.22 **Environmental Clearance issued from DEIAA, Palakkad for the granite building stone quarry in Ambalappara- II Village, Ottapalam Taluk, Palakkad District by M/S PPK Granites & Crusher Products Pvt.Ltd.—Judgment dated 10.03.2021 in WP (C) No.6159/2021 -Revalidation of EC.(File No. 1062/EC1/2021/SEIAA)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to invite the proponent for presentation.

Item No.123.23 **Environmental Clearance for the quarry project in Sy. Nos. 34/2 Pt., 30/2/2 Pt., 20/7 Pt., 30/2/3 and 20/1 Pt. at Oorakam Village and Panchayath, Tirurangadi Taluk, Malappuram District, Kerala by Sri.K.Mohammed Akbar, M/S. Ooragam Metals Ltd. – Judgment dated 01.02.2021 in WP(C) No.2512 of 2021 - Revalidation of EC – (File No.120/SEIAA/KL/2186/2015)**

Decision: The Committee scrutinised the additional documents and decided to defer the item for scrutiny of physical files.

Item No.123.24 **Environmental Clearance issued by DEIAA, Malappuram for the quarry project in Re.Sy.No.103/2 in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala by Shri.V.Moideen, Managing Partner, V.K.M.Stone Crusher –**

**Judgment dated 09.02.2021 in WP(C) No.3277 of 2021 -
Revalidation of EC (File No.556/EC6/2021/SEIAA)**

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to invite the proponent for presentation.

Item No.123.25 **Environmental clearance issued for the quarry project in Sy.No. 81 pt, 82 pt, 83 pt and 84 pt at Cherpulassery Village, Ottappalam Taluk, Palakkad District, Kerala by M/S Infra Granites- Judgment dated 21.12.2020 in WP (c) No. 28265 of 2020- regarding the validity of EC (File No. 124/SEIAA/KL/2334/2013)**

Decision: The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following additional documents:

- a. Certified copy of the quantity extracted and balance quantity to be extracted from the Dept.of Mining& Geology.
- b. Proof for the expenditure incurred under the CSR committed while obtaining EC
Subject to verification of the above document by the next SEAC, the proponent should also be directed to comply with the following conditions within six months to be eligible for revalidation of EC order with the project life of twelve years from the date of issuance of the first EC order subject to review every five years:
 1. Retaining wall for OB dump
 2. Vegetative stabilization of OB with indigenous species
 3. Garland drain and catch water drains with silt traps
 4. Water holding and clarifier pond to prevent outflow of turbid water from the project site
 5. Rainwater harvesting facility
 6. Avenue tree planting using local species
 7. Planting of trees, at least 5 times of that lost during the land clearing

Item No.123.26 **Environmental Clearance issued from DEIAA, Palakkad for the granite building stone quarry in Kunathur II Village, Alathur Taluk, Palakkad District of Sri.C.Rajeev, Managing Partner, M/S Surya Granites — Judgment in WP (C) No.26415/2020 - Revalidation of EC.(File No. 163/EC1/2021/SEIAA)**

Decision: The Committee discussed the Field Inspection Report and decided to defer the item for scrutiny of physical files.

Item No.123.27 **Environmental Clearance issued from DEIAA, Palakkad for the building stone quarry project in Survey Nos. 328/8, 330/3, 329/1,2 at Peringottukurissy II Village, Alathur Taluk, Palakkad District by M/s Jams Granites Pvt. Ltd.—Judgment dated 08.01.2021 in**

WP (C) No.513/2021 - Revalidation of EC.(File No. 270/EC1/2021/SEIAA)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.28 **Environmental Clearance issued from DEIAA, Thiruvananthapuram of M/S Travancore Ready Mix Pvt. Ltd in Vellarada Village, Neyyatinkara Taluk, Thiruvananthapuram District, Kerala –Judgment dated 02.11.2020 in WP (c) No. 11053/2020 regarding revalidation of EC .(File No. 700/EC1/2021/SEIAA)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to furnish the following details:

1. Special conditions mentioned in the earlier EC No DEIAA/EC2/2017/(P 977/16) to be strictly followed. Submit an affidavit to the same.
2. Since the approach roads are narrow, a traffic management plan to be submitted
3. Submit a map showing the overburden dumping site with protection walls.
4. Submit a map showing location of nearby crusher unit of the proponent, which is under installation at the site.
5. A proper storm water drainage plan with clarifiers to be submitted.
6. Submit the list of native trees to be included in the buffer / avenue tree planting.
7. Submit a Compensatory Afforestation Plan, as the project will change floral biodiversity of the area.
8. Geo-coordinates of well with hydro geologic details. Also a map showing contours with well location to be submitted.
9. A survey map showing houses and structures within 100 m.

On satisfactory submission of the above, recommendation for issue of revalidated EC with the total project life of 11 years equaling the mine life of 11years may be considered.

Item No.123.29 **Environmental Clearance issued for the quarry project in Sy. Nos. 163/2,3,4,7,8, 164/1,4,6,9,10,18-A,165/1A, 3 and 4 at Karavarom Village, Varkala Taluk, Thiruvananthapuram District, Kerala by Sri. Sreekumar, S.S. , M/S M.S. Building Products - Judgment**

dated 2.11.2020 in WP (C) 19032/2020 - regarding the validity of EC (File No.763/SEIAA/EC1/447/2015)

Decision: The Committee discussed the Field Inspection Report in this regard and directed the proponent to submit the following details:

1. Overhanging OB in the crown area above the topmost bench need strengthening. Submit a plan for the same.
2. Since the approach roads are narrow a traffic management plan to be submitted
3. Submit a map showing the overburden dumping site with protection walls
4. A proper storm drainage system with clarifiers to be provided
5. Submit the list of native trees to be included in the buffer / avenue tree planting
6. Production details projected for rest of mine life (total 10 years)

On satisfactory submission of the above, the recommendation for revalidated EC with the total project life of 10 years equalling the mine life of 10 years can be considered.

Item No.123.30 **Environmental Clearance issued for the quarry project in Sy. No. 274, 275/1A3, at Thirumittacode Village II, Thirumittacode Panchayath, Pattambi Taluk, Palakkad District, Kerala by M/S Triphy Granites Pvt Ltd-Judgment dated 17.11.2020 in WP(C) No. 25111/2020 (File No. 826/ SEIAA/EC1/2609/ 2015)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of eight years from the date of issuance of the first EC order:

- a. Correct the steep slopes with stipulated bench height and width
- b. Garland drain and catch water drains with silt traps
- c. Water settling and clarifier pond to prevent outflow of turbid water from the project site
- d. Rainwater harvesting facility
- e. Avenue tree planting using local species
- f. Planting of trees, at least 5 times of that lost during the land clearing

Item No.123.31 **Environmental clearance issued from DEIAA, Thiruvananthapuram of M/S Kottakkal Granite Industries Pvt in Anad Village, Nedumangad Taluk, Thiruvananthapuram District-Judgment in WP(C) No. 25844 of 2020 regarding revalidation of EC .(File No. 2739/EC1/2020/SEIAA)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to initiate steps for the suspension of the operation of the quarry for six months for non- satisfactory compliance of EC conditions and to direct the proponent to comply with the following conditions and submit a satisfactory compliance report within six months so that the revalidation of EC can be taken up further:

1. All special conditions in the 08/2017/DIA/KL/MIN/5994/2017 (P-8455/17) to be strictly followed
2. Remove the boulders present in the crown area with non-blasting techniques
3. Only NONEL method to be used for blasting
4. OB dumping site with protective wall
5. Storm water drains with clarifiers

Item No.123.32 **Environmental clearance issued for the quarry project in Sy.No.65/1, 3, 5, 6, 7, 10, 12, 13, 74/4, 5 and 6 at Nellanad Village and Panchayath, Nedumangadu Taluk, Thiruvananthapuram District by Sri. Abdul Salam Pookunju, M/S Aaramam Rock (P) LTD.- Judgment dated 02.11.2020 in WP (c) No. 11409 of 2020- regarding the validity of EC (File No. 624/SEIAA/KL/4807/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of seventeen years from the date of issuance of the first EC order subject to review every five years:

1. All special conditions in the EC 624/SEIAA/KL/2014 to be strictly followed
2. Mining to be carried out as per the approved mining plan and no deviation is permitted
3. Storm water drains to be provided to channelize the rain water
4. OB dumping site to be ear marked with protection walls.
5. Clarifiers to be provided along storm drains
6. Local species to be grown in the buffer area

Item No.123.33 **Environmental Clearance for the quarry project in Sy. Nos. 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/6, 1021/8, 1021/9, 1027P, 1028P, 1029P and 1030P at Painkulam Village, Thalappilly**

Taluk, Thrissur District, Kerala by Sri.T.Mathew Abraham, M/S Southern Rock & Aggregate Mining Company – Judgment dated 02.11.2020 in WP(C) No.17533 of 2020 - Revalidation of EC- reg :- (File No.285/SEIAA/KL/1362/2014)

Decision: The Committee discussed the Field Inspection Report and decided to defer the item for scrutiny of physical files.

Item No.123.34 (File No.3137/EC1/2019/SEIAA)

Clarification sought from the Government regarding the quarrying operations of M/S Al-Falah Metal Crusher in Manickal & Thekkada Village, Nedumangad Taluk, Thiruvananthapuram (File No.1097/EC/SEIAA/KL/2017)

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Mass petition filed by shri. M. Aneesh along with the local residents of Madapuram, Ettimoodu, Ozhukupara & Parambikulam Villages regarding the quarry operations functioning in Manickal Grama Panchayath

Decision: The sub-committee consisting of Dr. C Bhaskaran, Dr. R. Ajayakumar Varma and Shri.K. Krishna Panicker is directed to conduct the field inspection urgently.

Item No.123.35 Checklist for documents to be submitted under different category of project dealt by SEIAA/SEAC (File No.1487/A1/2020/SEIAA)

Decision: Approved

Item No.123.36 Revalidation of 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 discussed and accepted the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. Mine waste dumping details with retention walls
- b. Revised Drainage plan suitable for the project area
- c. Compliance of special conditions

On satisfactory submission of the above, revalidated EC with the total project life of 7 years equaling the mine life of 7 years can be recommended

Item No.123.37 Environmental Clearance issued to the building stone quarry project in survey Nos. 396/1B2, 397/1-1, 396/1B2, 397/1-1, 397/1-1,

**Varapetty Village & Panchayat, Kothamangalam Taluk,
Ernakulam District, Kerala owned by Sri. P.K. Prasad - Request
for obtaining Annual compliance report of project site [File No:
1103/EC/SEIAA/2020]**

Decision: The Committee discussed the Field Inspection Report and decided to send the FIR to SEIAA for forwarding the same to the Executive Engineer, Irrigation Department.(MVIP Division No. 3).

Item No.123.38 Environmental clearance for the quarry project in Survey No. 909/2B-2, 911/1 & 911/1/3 in Kalloorkad Village, Muvattupuzha Taluk - Judgment dated 2.11.2020 in WP (C) 17533/2020 and other Cases- in Judgment dated 22-12-2020 WP (C) No. 28859 of 2020 (F) - regarding the Revalidation of EC (File No. 130/EC3/2021/SEIAA)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of ten years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Buffer zone must be left untouched and green belt development must be completed within six months
- 3) Fencing to be completed.
- 4) Garland canal, silt traps, settling pond and connection to nearest natural drainage must be completed immediately
- 5) Repair and maintenance of Haulage road to be completed immediately
- 6) Top soil must be deposited at designated places with proper protective walls to avoid erosion.
- 7) Proper functioning of Environment Management Cell

Item No.123.39 Application for Environmental Clearance for mining of ordinary earth – Sri. Gee Varghese Varghese, PalalKalappurayil, Ernakulam (File No. 1165/A2/2019/ SEIAA)

Decision: The Committee discussed the Field Inspection Report and decided to recommend the issuance of EC for excavating 60850 M³ of ordinary earth from the project area and to take 40850 M³ soil outside for road development works under KSTP on production of the recent demand letter from the end user subject to the following special conditions:

- 1) Step cutting is to be adopted on the northern end.
- 2) Concrete protective walls to be constructed on the northern side.
- 3) Proper drainage system to channel both surface and sub- surface water to the southern end of the project area.
- 4) Ensure proper dust suppression system during excavation and transportation
- 5) Green belt development (one tree for every 80 sq.m)

Item No.123.40 **Environmental Clearance for Granite building Stone Quarry Sy. Nos. 91/1-7, 91/1-3, 91/1-4 and 91/1-2 at Enanalloor Village, Ayavana Panchayath, Muvattupuzha Taluk, Ernakulam District - Judgment in WP (C) 1154/2021 filed by M/S Mudakkalil Granite (P) Ltd- regarding the validity of EC (File No. 154/SEIAA/KL/3074/2013)**

Decision: The Committee discussed the Field Inspection Report and decided that there is no necessity of revalidating the EC order as the mine life and validity of the existing EC order are the same.

Item No.123.41 **Environmental Clearance for the quarry project in Sy. No. 324/4(P), 324/5(P) & 325/15(P), Pattimattom Village, Kunnathunadu Taluk, Ernakulam, for M/S Cement Bricks & Allied Industries and 317/2, 317/4 & 324/5(P) Pattimattom Village, Kunnathunadu Taluk, Ernakulam, for M/S Kizhakkambalam Granites Kerala by Shri. Paul Varghese, M/S Cement Bricks & Allied Industries / M/S Kizhakkambalam Granites- Judgment in WP (C) 18778/2020 filed by M/S Cement Bricks & Allied Industries- Revalidation of EC(File No. 724/SEIAA/KL/6074/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to initiate steps for the suspension of the operation of the quarry for six months for non- satisfactory compliance of EC conditions and to direct the proponent to comply with the following conditions and submit a satisfactory compliance report within six months so that the revalidation of EC can be taken up further:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Provide buffer zone as per EC and green belt development
- 3) Functioning of Environment Management Cell
- 4) Filing of compliance reports
- 5) Proper bench formation (5 m height 5 m width)
- 6) Repair and maintenance of haulage road
- 7) Study for design of safe blast parameters at M/S Cement Bricks & Allied Industries quarry by a reputed institute

Item No.123.42 **Environmental Clearance for Granite building Stone Quarry in Sy. Nos. 13/2,13pt,11/3-1,11/3,11/1, 11/1-1-1-1,11/1-1-1,11/1-1,11/2,12/2-11,12/2,12/1 and 11/1-1-1-2 falling in Edakunnam Village, ParathoduPanchayath, KanjirapallyTaluk, Kottayam District - Judgment in WP (C) 3814/2021 filed by M/S Excel Granites - Revalidation of EC (File No. 150/SEIAA/KL/2973/2014)**

Decision: The Committee discussed and accepted the Field Inspection Report. The Committee decided to recommend the issuance of revalidated EC with a project life of ten years from the date of issuance of the first EC order subject to review every five years.

Item No.123.43 **Environmental Clearance for masonry stone mine (quarry) Project in in Sy.no.186/1A2, 186/1A/4/5 at Neriya Mangalam Village, KavalangadPanchayat, KothamangalamTaluk, Ernakulam district, Kerala by Shri. K.M. Abdul Rasheed – Managing Director, Ernakulam District, for Ever-One Properties India Pvt. Ltd.- Judgment in WP (C) 27620 of 2020 (B) filed by M/S Ever One Properties India Pvt. Ltd.,Kothamangalam, Ernakulam- Revalidation of EC (File No. 838/SEIAA/EC3/2716/2015)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA the following:

- 1) To inform the District Geologist about extraction of blocked reserves from buffer zone for appropriate action
- 2) To initiate steps for the suspension of the operation of the quarry for six months for non- satisfactory compliance of EC conditions and to direct the proponent to comply with the following conditions and submit a satisfactory compliance report within six months so that the revalidation of EC can be taken up further after a second visit:
 - a) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
 - b) Compliance of special conditions
 - c) Fencing the boundary
 - d) Providing buffer zone and green belt development along buffer zone
 - e) Garland drain with silt traps and storm water management plan
 - f) Top soil dump at designated place with gabion wall
 - g) Functioning of EMC
 - h) Repair and maintenance of haulage roads

Item No.123.44 **Environmental Clearance for the quarry project in Sy. Nos. 147/15/3pt, 147/1070/1pt, 1070/3pt, 1070/1 pt, 147/4/1/1p, 147/1089/2 pt, 147/1087/2pt, 1088/2/1, 1069/1/4pt, 1069/1/2pt, 1068/3pt, 147/1089/3 pt of Ollukkara Village, Thrissur Taluk,**

Thrissur District, Kerala by M/S Thomson Granites Pvt. Ltd. – Judgment dated.24.11.2020 in WP(C) No.25842 of 2020 – Revalidation of EC- reg :- (File No.601/SEIAA/KL/4604/2014)

Decision: The Committee discussed the Field Inspection Report and decided to defer the item for scrutiny of physical files.

Item No.123.45 **Judgment in WP(C) No: 22161 of 2020 (U) by Shri. Ashiq K.S. against M/S Thomsun Sands and Metals, Kottayam (File No: 963/EC4/4473/2015/SEIAA)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA the following:

1. The Project proponent has not complied with some important EC conditions and therefore, the EC issued to the project may be suspended. Only after the District Geologist, Mining & Geology Department, Kottayam ensures that all the EC conditions are complied with, the quarry operations shall be resumed.
2. A vibration study shall be undertaken by a reputed institute to assess the impact of the mining activities. The project proponent shall submit the report of the study to the SEIAA along with an affidavit to strictly follow the recommendations
- 3) Immediate action to transport top soil dumped at elevated places to designated place with gabion protection wall.

Item No.123.46 **Environmental Clearance for the quarry project in Sy. Nos. 111/1 part & 113/1 part at Edavanna Village and Sy. No. 217 part at Perakamanna Village, Eranad Taluk, Malappuram District, Kerala by Sri.Jamal Muhammed, Managing Partner, M/S Aranhikkal Granite – Judgment dated 19.01.2021 in WP(C) No.28890 of 2020 (I) - Revalidation of EC (File No.241/SEIAA/KL/971/2014)**

Decision: The Committee discussed the Field Inspection Report and decided to defer the item for scrutiny of physical files.

Item No.123.47 **Environmental Clearance for the quarry project in Re Survey No. 266/2 (pt) of Cherukavu Village, Kondotty Taluk, Malappuram District, Kerala – Judgment dated 16.02.2021 in WP(C) No.3059 of 2021 - Revalidation of EC (File No.216/SEIAA/EC1/274/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to invite the proponent for presentation.

Item No.123.48 **Environmental Clearance for the quarry project in Sy. No. 1/1 (P) at Elamkulam Village, Perinthalamanna Taluk, Malappuram District, Kerala by M/S Madeena Granite– Judgment dated**

**19.01.2021 in WP(C) No.28833 of 2020 (D) - Revalidation of EC –
(File No.305/SEIAA/KL/1572/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.49 **Environmental Clearance for the quarry project in Sy.No. 266/1, 266/2, 253/5, 253/15, 253/16 and 253/17 at Cherukavu Village, Kondotty Taluk, Malappuram District by Sri. Mayin Haji, M.C., M/s Calicut Granites (P) Ltd– Judgment dated 19.01.2021 in WP(C) No.1123/2021 - Revalidation of EC – reg : -
(File No.676/SEIAA/KL/5356/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.50 **Environmental Clearance for the Building Stone Quarry in Re.Survey No. 39/9, 49/5, 44/5-2, 46/2, 45/2, 44/4, 44/4-3, 44/4-2, 44/1, 43/1-3, 49/5-2, 49/1, 49/4, 49/3-2, 44/6-2, 39/6-2, 39/4-3 in Urangattiri Village, Ernad Taluk, Malappuram District, Kerala by Sri. Basil Madappilly M/S Hilltop Holdings – Judgment dated 18.11.2020 in WP(C) No.25228 of 2020- Revalidation of EC- reg :-
(1252/EC2/2019/SEIAA)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.51 **Environmental Clearance for the quarry project in Sy.Nos.1853/1, 1854, 1855, 1856, 1857, 1858 and 1860/1 in Pazhayannur Village, Thalappilly Taluk, Thrissur District, Kerala by Sri.A.G.Madhavan, Managing Director, M/S Nila Metals Pvt. Ltd – Judgment dated 01.02.2021 in WP(C) No.2512 of 2021 - Revalidation of EC- (File No. 900/SEIAA/EC1/3461/2015) – reg : -**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.52 **Environmental Clearance issued for the quarry project in Sy. No. 4/3, 4/4, 4/11-1, 4/11, 4/13-1, 4/13-2, 4/13-3, 4/14, 6/1, 6/3, 6/4, 9/1, 9/2, 9/3, 9/4, 9/5, 9/6, 9/7, 6/5, 16/2 at Ezhumattoor Village, Mallapally Taluk, Pathanamthitta District, Kerala by Sri. V.R. Ajayakumar, M/S Lekshmi Stone Industries-Judgment in WP(C) No. 23127 of 2020 (File No. 816/SEIAA/EC4/2488/2015)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within one month and on satisfactory submission of the compliance report of the above, the

proponent will be eligible for revalidation of EC order with the project life of six years from the date of issuance of the first EC:

1. Mineral extraction details since mine initiation till date downloaded from official site or certified by the district Geologist
2. Proper management of OB dump with protection measures
3. A compensatory afforestation plan for the area lacking buffer
4. Affidavit saying all the conditions will be strictly adhered; especially benches, water drains with clarifiers, 7.5m buffer etc.

Item No.123.53 **Environmental clearance issued for the proposed quarry project in Sy. Nos. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/124, 571/1A/54-1, 571/1A/54-2 at KonniThazham Village, KonniPanchayath, KonniTaluk, Pathanamthitta District by Sri. Jacob Thomas, M/S Plakkattu Granites Industries Pvt. Ltd -Judgment dated 02.09.2020 in WP(C) No. 11053/2020(File No.870/SEIAA/EC4/3101/2015)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of twenty years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Construct Site specific Garland canal with silt traps and settling pond
- 3) Green belt development along buffer area
- 4) Compliance of specific condition I with supporting data
- 5) Top soil to be dumped at designated place only

Item No.123.54 **Judgment in WP (C) No.3510/2021 filed by Sri.P.M.Aboobacker, Palakkal Granites- regarding the validity of EC. (File No.1054/EC4/2021/SEIAA)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the

proponent will be eligible for revalidation of EC order with the project life of twelve years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Complete green belt development along buffer zone within six months
- 3) Ensure proper bench formation as per EC norms
- 4) Complete fencing within one month.

Item No.123.55 **Judgment in WP (C) No.429/2021 dated 07.01.2021 filed by Sri. P. M. Aboobacker, Palakkal Granites - regarding the validity of EC. (File No.137/SEIAA/KL/2567/2013)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of fourteen years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Complete green belt development along buffer zone within six months
- 3) Ensure proper bench formation as per EC norms
- 4) Complete fencing within one month.

Item No.123.56 **Judgment in WP (C) 13113/2020 filed by M/S Alpha Bricks & Metals - regarding the validity of EC. (File No.388/SEIAA/EC4/2170/2014)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of eleven years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) Green belt development along buffer area to be completed

- 3) Top soil seen dumped at different places. To be dumped only at designated place with protective measures.
- 4) Ensure proper bench formation
- 5) Proper maintenance of haulage roads
- 6) Follow top to bottom approach in mining
- 7) Specific condition on reclamation and eco- restoration to be implemented without further delay

Item No.123.57 Judgment in WP (C) No.18929/2020 filed by Sri.Shaji Mathew, MathaIndustries,Kozhikode- regarding the validity of EC. (File No.2714/EC4/2020/SEIAA)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of twelve years from the date of issuance of the first EC order subject to review every five years:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
- 2) The storm water from the upper slopes to be channelized into the drain and clarified properly before letting it out
- 3) Ensure functioning of EMC
- 4) Complete green belt development along buffer area
- 5) Improve quality of garland canal drainage with silt traps with proper design
- 6) Proper maintenance of haulage roads

Item No. 123.58 Judgment in WP (C) No.25086/2020 filed by Sri.Shahil A.M, Thekkinchuvadu Granites- regarding the validity of EC. (File No.2856/EC4/2021/SEIAA)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to initiate steps for the suspension of the operation of the quarry for six months for non- satisfactory compliance of EC conditions and to direct the proponent to comply with the following conditions and submit a satisfactory compliance report within six months so that the revalidation of EC can be taken up further:

- 1) Mining to be carried out as per the approved mining plan and no deviation is permitted –sworn affidavit to be submitted
 - 2) Comply all specific and general conditions of EC within six months
- A second field inspection may be conducted after six months to monitor compliance of specific and general EC conditions. Only based on their report decision on further functioning of quarry/revalidation of EC may be decided.

Item No. 123.59 **Evaluation Report- Environmental Clearance issued for the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) project, M/s LULU International Shopping Mall Pvt. Ltd., Thiruvananthapuram District - Clarification sought regarding CER/CSR commitments (File No.1047/EC1/899/SEIAA/2016)**

Decision: The Committee discussed the following report of Er.M.Dileepkumar, Member, SEAC, in this regard:

Background

- I. As per the condition in the Environmental Clearance issued vide order dated 12.01.2018 to M/s LULU International Shopping Mall Pvt. Ltd., the project proponent (M/s LULU), have to fulfil requirement of spending 1 % project cost, for CSR/ CER activities and it includes, Rejuvenation of adjacent TS canal.
- II. The SEIAA in its 98th meeting, held in October 2019,decided to direct the project proponent, to comply with the above EC condition.
- III. The proponent, assured before the SEIAA that, they shall provide a detailed action plan for the above, in consultation with the concerned departments of Irrigation/Tourism/Thiruvananthapuram Municipal Corporation.
- IV. The project proponent vide letter dated 30.4.2021, provided a copy of Detailed Project Report (DPR) for Akkulam Lake Rejuvenation ,prepared by the Translational Research & Professional Leadership Centre (TPLC), Government Engineering College, Barton Hill , Thiruvananthapuram. The DPR is prepared for the Tourism Department and submitted it to the KIFBI, for financial support.
- V. Since the TS Canal is part of Akkulam Kayal , the project proponent have informed that they have approached Inland Navigation Division of Irrigation Department and Tourism Department, requesting them to consider their request for permitting them to remit 1 % of the project cost, for forming part of the above mentioned project.

Evaluation of DPR

- a) The DPR for ‘Rejuvenation of Akkulam Lake’, is containing, TS canal also, which is part of Akkulam Kayal, and project proposal is of Tourism Department, awaiting funding from the KIFBI. It is not clear whether, it is possible to link CSR/ CER funds of M/s Lulu, with the proposed project funded by KIFBI.

- b) The DPR for rejuvenation of Akkulam Kayal and connecting water bodies reveals, very bad water quality status of those water bodies. The water quality monitoring reveals, pollution load of those water bodies is in the higher range and Biological Oxygen Demand (BOD) load is in the range of 100- 200 mg /L. This indicate that the water body is severely polluted with domestic sewage and flowing raw sewage through it.
- c) As per the DPR, the project cost for Rejuvenation of Akkulam Kayal is about Rs.64.13 Crore. As per the information provided, in the EOI letter provided by the proponent, there is no specific amount committed / offered by them, except mentioning that ready to pay 1 % of the project cost.
- d) The proponent submitted an expression of Interest (EOI) vide letter dated 23.2.2021, to Tourism Department, expressing willingness to share the amount, (Not mentioned the exact amount) and not produced proof on allowing their request by the Tourism Department.
- e) In the DPR of Akkulam Kayal Rejuvenation Project, the treatment units proposed are having a combination of Floating Wetlands, DEWATS System and Constructed Wetlands, for the canals / water bodies, at various locations, which is found eco-friendly and operation friendly. Other major proposals include, cleaning and deepening of canals/lake, beatification of shores etc.
- f) Technical Evaluation of DPR provided by the Project Proponent for Rejuvenation of Akkulam Kayal, is not able to do fully, as it contains only a Concept Report, not full DPR, having some Architectural Sketches for the proposed schemes, including beatification of the area.
- g) The DPR is not provided with, site plans showing locations/ lands available / propose to be acquired, for the units to be established, engineering drawings, detailed estimate and abstract of estimate, of all proposed treatment units of DEWAT Systems and Constructed Wetlands Treatment units.
- h) The proposal is for reducing pollution load reached in to the Akkulam Kayal and connected canals/ water bodies, but not containing project for source level/ onsite pollution control facilities or proposal for periodical removal of septage, from existing on -site sanitation facilities at households and institutions, to a centralised/ decentralised treatment facility.
- i) No action is proposed in the DPR for controlling on-site pollution control / support for avoiding of discharge of sewage from households and institutions, by providing appropriate Modified Soak Pits, for ensuring secondary treatment of existing Septic Tanks/ conversion of existing Leach Pits type latrines in to Septic Tanks with Soak Pits.
- j) There is also no proposal for drawl of septage periodically from the land based onsite sanitation facilities of Septic Tank/ Leach Pits and linking it to the existing City Level Sewage Treatment Plant (STP) at Muttathara / new proposal for establishing a Stand-alone Septage Treatment Plant.

The Committee, after detailed discussion of the report ,decided to request the SEIAA to direct the proponent to prepare a separate DPR for exploring the possibility for utilising the CSR/

CER fund, aiming cleaning up of the TS canal part, by upgrading existing on-site treatment facilities, available in households /institutions, situated on the both banks of water bodies, by establishing 'modified Soak pits to existing Septic Tanks / up gradation of existing Leach Pits in to a Septic Tank with Soak pit systems'. This activity will be helpful for avoiding discharge of untreated waste water in to the canals/ thodu / lake. The proposal has to contain support / facilities, for ensuring periodical removal /collection and conveyance of Septage (sludge from septic Tanks) from on-site facilities of households and institutions to the Muttathara STP or to the new plant to be established for ensuring treatment of septage in a separate Standalone Type Septage Treatment Plant. This activity will finally support the proposal of Akkulam Lake Rejuvenation Project, by filling the gaps, found in the DPR, by introducing source level treatment of sewage from households and institutions and reduction of pollution load reaching the water body.

Item No.123.60 **Application for Revalidation of EC for the proposed quarry project in Re Survey No. 35/3, 35/2 part, 41 part in Erimayur-1 Village, Alathur Taluk, Palakkad District, Kerala by Mr.Biju, Managing Partner, M/S Sahara Granites -(File No. 146/SEIAA/KL/2747/2013)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to defer the item for scrutiny of physical files.

Item No.123.61 **Environmental Clearance issued from SEIAA, Thiruvananthapuram for the granite building stone quarry in Padichira Village, Sulthan Bathery Taluk, Wayanad district of Sri.Binoj K.Baby - Judgment in WP (C) 27813/2020 filed by - Revalidation of EC. (File No. 824/EC4/2607/SEIAA/2015)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of thirteen years from the date of issuance of the first EC order subject to review every five years:

1. Protection of overburden in the buffer zone on the top portion of the project area
2. Proof for expenditure incurred on CSR as per the EC condition

3. Estimate of over-extraction as the maximum depth of mining from the general ground level exceeded 10m at places as against the EC condition
4. Correction of bench height & width
5. Provision for garland drains with clarifiers around the core area to channelize storm water
6. Planting of trees at least 5 times of the loss that have been occurred during land clearing as stipulated in EC
7. Proof for the functioning of Environment Management Cell
8. Proof for expenditure on account of CSR as agreed in the EC

Item No.123.62 Judgment in WP (C) No.19629/2020 filed by Sri.Ajas M.M, M/S Ponoorpoyil Granites- regarding the validity of EC. (File No.442/SEIAA/KL/3034/2014)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life often years from the date of issuance of the first EC order subject to review every five years:

1. The height and width of bench should be corrected
2. Garland canal along with intermittent silt traps should be developed all around the quarry site
3. NONEL blasting should be resorted to.

Item No.123.63 Judgment in WP (C) No.10301/2021 filed by Sri.Habeebu Rahiman P.M,Kozhikode - regarding the validity of EC. (File No.646/EC4/4949/2014/SEIAA)

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life of six years from the date of issuance of the first EC order:

1. The height and width of bench should be corrected
2. There are areas with slope more than 45 degree in the quarry which should be corrected by providing bench with appropriate height and width

3. Garland canal along with intermittent silt traps should be developed all around the quarry site
4. The overburden in the top portion of the buffer zone should be protected to avoid collapse
5. Green belt should be developed all along the buffer zone with local species
6. NONEL blasting should be resorted to
7. Haulage roads should be maintained well and avenue trees of local species should be planted on both sides

Item No.123.64 **Judgment in WP (C) No.19589/2020 filed by Sri.Abdul Rahim,M/S Mukkam Metals - regarding the validity of EC. (File No.2450/EC4/SEIAA/2020)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the proponent will be eligible for revalidation of EC order with the project life oftweleve years from the date of issuance of the first EC order subject to review every five years:

1. Further mining should proceed only after correcting the bench height and width
2. There are areas with slope more than 45 degree in the quarry which should be corrected by providing bench with appropriate height and width
3. Garland canal along with intermittent silt traps should be developed all around the quarry site
4. The overburden in the top portion of the buffer zone should be protected to avoid collapse
5. Green belt should be developed all along the buffer zone with local species
6. NONEL blasting should be resorted to.

Item No.123.65 **Judgment in WP (C) No.25699/2020 filed by Sri.Abdulla Koya Thangal, M/S Ruby Stone Crushers - regarding the validity of EC. (File No.2712/EC4/SEIAA/2020)**

Decision: The Committee discussed the Field Inspection Report in this regard and decided to recommend to the SEIAA to direct the proponent to comply with the following conditions within six months and on satisfactory submission of the compliance report of the above, the

proponent will be eligible for revalidation of EC order with the project life of twenty two years from the date of issuance of the first EC order subject to review every five years:

1. The quarry is located on top of a hill with steep slope and the terrain fragility is high. Therefore extreme should be taken in the mining process. Accordingly, the blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive. NONEL based shocktube detonators should be used for initiation and adequate muffling arrangement should be made to restrict fly rocks within 10m. Blast should be conducted by a qualified personnel as stipulated by the Director General of Mine Safety.
2. As a precautionary measure considering the terrain characteristics, adequate drainage and slope protection measures should be taken immediately
3. Garland drain with intermittent silt traps should be formed appropriately to channelize the overland flow.
4. Vegetation along the way up to the quarry from the project boundary stand thin and degraded, which needs to be augmented with suitable native species. Avenue trees of local species should be planted and nurtured.
5. The over burden and mine waste is dumped on the high slope region without benching, protective walls or drainage. It should be corrected scientifically under the supervision of geo-engineer and safeguarded
6. The height and width of bench should be corrected as stipulated in the mine plan.
7. Entire quarry should be provided with catch water drain with adequate silt traps
8. Storm water from upper slopes should be channelized into settling pond and let out after it is adequately clarified
9. A RHW structure of appropriate size should be set up for the storage of rain water

EC Revalidation- Documents Received

Item No.123.66 **Environmental Clearance for the quarry project in Sy.No. 1244/1 (pt) at Killanur Village, Thrissur Taluk, Thrissur District by Sri.Dineshmon N.T, M/S Rudra Granites – Judgment dated 26.03.2021 in WP(C) No.8023 of 2021 - Revalidation of EC (File No.823/SEIAA/EC1/2977/2015)**

Decision: The Committee scrutinised the additional documents and decided to invite the proponent for presentation.

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Environmental Clearance for Granite Building Stone Quarry project at Resurvey no. 198/5, in Pulikkal village, Kondotty Taluk, Malappuram District, Kerala for an extent of 0.5265 Ha by Shri.P.Abbas

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents:

- a. OB dump/drainage plan
- b. Source of the drinking water should be specified
- c. EMP/CER should be revised
- d. Detailed afforestation plan

2. SIA/KL/MIN/135414/2020 , 1601/EC2/2019/SEIAA

Environmental Clearance for Granite building stone quarry of Shri. K.K.Balakrishnan Nair at survey No.143/1 for an area of 0.5297Ha of Kolathur Village, Kasargod Taluk, Kasargod District.

Decision: The RQP was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents:

- a. CER should be revised
- b. OB dumping site should be specified
- c. Compensatory afforestation plan

3. SIA/KL/MIN/136899/2020 , 1830/EC4/2020/SEIAA

Environmental Clearance for Granite building stone quarry of M/s Surya Crusher &Hollow at Re survey No9/1A,335 in Kolavallur village, Thalassery Taluk, Kannur District, Kerala for an extent of 2.0233 Ha

Decision: The RQP was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents:

- a. CER should be revised
- b. Drainage map & Garland map should be redrawn
- c. OB dumping site map should be redrawn at lower site
- d. Recent cluster Certificate
- e. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under

CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

- f. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- g. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- h. Biodiversity summary in tabular form
- i. Detailed water level measurement data of nearby open wells with geo coordinates.

4. SIA/KL/MIN/140565/2020 , 1744/EC4/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re - Sy. No. 159/447 (159/1A1) of Thinur Village, Vadakara Taluk of Kozhikode District., Kerala for an extent of 0.9996 Ha (M/S Sainaba Granites)

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- c. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- d. Biodiversity summary in tabular form
- e. Detailed water level measurement data of nearby open wells with geo coordinates.
- f. Details of tree cutting /planting required.
- g. 500m Land use & Land cover map
- h. Revised project cost
- h. Hazard zonation map
- i. Details of ESA

5. SIA/KL/MIN/142846/2020 , 1713/EC3/2020/SEIAA

Granite Building Stone Quarry of M/s. T. J. Granites Pvt. Ltd” over an extent of 2.0005 Ha in Re-Sy. Nos.326/1-2, 326/1-3, 326/1-4, 326/1-5 & 326/1-7 in

**Bharanganam Village, Meenachil Taluk, Kottayam District, Kerala State, India,
by Shri. Jaison Jacob**

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the additional documents sought in the 120th SEAC meeting.

6. SIA/KL/MIN/146424/2020 , 1275/EC1/SEIAA/2019

EC for extracting Granite Building stone from Re Sy No 188/608, 188/431,188/616, 188,621,188/622, 188/620 in Kodiyathur Village, Kozhikode Taluk, Kozhikode District, Kerala

Decision: The proponent and RQP were present. The RQP made the presentation. The committee decided to direct the proponent to submit the following additional documents:

- a. Detailed afforestation plan
- b. Recent survey map certified by Village Officer

7. SIA/KL/MIN/148624/2020 , 1701/EC4/2020/SEIAA

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

Decision: The proponent and RQP were present. The RQP made the presentation. The committee decided to direct the proponent to submit the following additional documents along with the documents sought in 120th SEAC meeting:

- a. Recent cluster certificate
- b. Revised drainage map
- c. Revised biodiversity report
- d. Detailed Project Report on CER

8. SIA/KL/MIN/149209/2020 , 1700/EC4/2020/SEIAA

Environmental Clearance for the building stone quarry at ReSurveyNo.74/1Dpt,74/608pt,Block No. 37 of Kuttur Village, Payyannur Taluk, Kannur District, Kerala for an Area of 1.4336 Ha.

Decision: The proponent and RQP were present. The RQP made the presentation. The committee decided to direct the proponent to submit the following additional documents along with the documents sought in 120th SEAC meeting:

- a. Detailed Project Report on CER
- b. Clarification regarding the reclamation part
- c. Revised plantation details.

9. SIA/KL/MIN/153616/2020 , 1809/EC1/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project in Survey No. 4/3, of Vaniyamkulam-2 Village, Ottappalam Taluk, Palakkad District, Kerala by Sri.V. P Ramankutty, Managing Partner M/S Kulappully Granites

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents along with the documents sought in 120th SEAC meeting.

- a. Revised CER.
- b. Tree planting details
- c. Detailed afforestation plan

10. SIA/KL/MIN/158114/2020 , 1801/EC6/2020/SEIAA

Environmental Clearance for Granite Building Stone Quarry project in Re Survey Nos.82/1-20 in Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram District, Kerala by Sri.Mohammed Shareef

Decision: The RQP was present. The RQP made the presentation. The Committee directed the proponent to submit the following additional documents:

- a. Details of ground water monitoring wells
- b. Revised green belt development plan
- c. Detailed Project Report on CER.
- d. Compensatory afforestation plan in public places

11. SIA/KL/MIN/158149/2020 , 1786/EC4/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Sy. No. 138/2 of Kolavallur Village, Thalassery Taluk of Kannur District., Kerala for an extent of 0.5710 Ha

Decision: The proponent was present. The RQP made the presentation. The Committee directed the proponent to submit the following documents:

- a. Detailed Project Report on CER
- b. Biodiversity summary in tabular form

12. SIA/KL/MIN/163826/2020 , 1837/EC6/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project in Survey Nos. 51,52-1 in Pullippadam Village, Nilambur Taluk, Malappuram District, Kerala by Sri.Shaukathali, AK

Decision: The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents/details:

- a. Revised greenbelt plan
- b. Detailed water level measurement data of nearby open wells with geo coordinates.
- c. Detailed Project Report on CER within EMP.

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

Environmental Clearance for the building stone quarry at Survey No.892/15 of Arakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 0.8990 Ha. By Mr Jobin C Raju

Decision: The RQP was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents/details:

- a. Revised CER and EMP
- b. Details of green belt development
- c. Biodiversity summary in tabular form

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

Environmental Clearance for the Granite Quarry of Mr. C. Mukundan, Survey No. 89/111, 139/114, 107/143, 107/144, 107/145, 139/113, 107/140, 107/141, 107/142, 107/138, 139/111, 139/112 Kolavalloor Village, Thalassery Taluk, Kannur District. Mining area of 0.8977 Ha

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the revised proposal clarifying ownership details, legible documents from the Department of Mining & Geology and recent cluster certificate.

15. SIA/KL/MIN/58473/2019 , 1405/EC2/2019/SEIAA

Environmental Clearance for the Building Stone Quarry project in Re - Sy. Block No. 37, Re. Sy No. 554/1, 554/5 & 554/6 of Nagaroor Village (Kadavilla), Chirayinkeezh Taluk, Thiruvananthapuram district of Kerala by M/S Adani Vizhinjam Port Pvt. Ltd.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents along with the documents sought in 121st SEAC meeting:

- a. Revised CER
- b. Revised drainage map
- c. Recent survey map
- d. Map of dumping site

16. A/KL/MIN/61070/2019 , 1441/EC1/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of M/S Adani Vizhinjam Port Pvt Ltd (AVPPL) situated in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala for an area of 4.8556 hectares.

Decision: The proponent and consultant were present. The consultant made the presentation. The Committee noted the directions in WP(C) No.11175/2021 filed by M/S Adani Vizhinjam Port Pvt Ltd before the Hon'ble High Court and decided to direct the proponent to submit the following additional documents:

- a. Detailed of Drainage Plan of the area.
- b. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- c. Details of water level of nearby wells in four sides with geo-coordinates.
- d. Details of points raised in the Public Hearing and action taken for incorporation of those points in the final EIA report.
- e. Upload Form I M.
- f. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- g. Copy of valid certificate of NABL Accreditation of the Lobotomy in which the analysis of water and air quality monitoring done for the EIA study.

17. SIA/KL/MIN/61795/2019 , 1894/EC6/2021/SEIAA

Environmental Clearance for the building Stone Quarry project in Sy.No.105/1-31, 105/1-34, 105/1-6, 105/1-9 Block No.2 Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala for an area of 0.9524 hectors by Sri. Manoj. K (Complaints received from Sri.K.P.Anaz, Secretary, All India Forward Block, Malappuram & Sri.C.K.Azeez Nenmeni, State General Secretary, Human Right & Save Environment Forum, Kerala State Committee)

Decision: The proponent and consultant were present. The consultant made the presentation. The Committee decided to direct the proponent to submit the following additional documents along with the documents sought in 121st SEAC meeting:

- a. Clarification regarding the land dispute
- b. Plantation details
- c. Revised CER

Copies of complaints in this regard have to be forwarded by SEIAA to the proponent for getting the clarifications.

18. SIA/KL/MIS/176234/2020 , 1878/EC6/2021/SEIAA

Construction of Nayarthodu Bridge in Purathur Panchayat, Malappuram District.

Decision: Shri. Afsal, from KRFB presented the proposal. The Committee entrusted Dr. P.S. Easa with the field inspection and directed the proponent to submit the documents regarding the change in project proponent.

19. SIA/KL/MIS/209935/2021 , 1896/EC1/2021/SEIAA

Environmental Clearance for the proposed building construction project as part of development of IT/ITES campus (Phase-1) to be developed by M/s Tata Consultancy Services Ltd. (Green Building Certificate)

Decision: The proponent and consultant were present. The consultant made the presentation. The Committee entrusted Er. M. Dileep Kumar and Shri. K Krishna Panicker with the field inspection.

20. SIA/KL/MIS/52532/2019 , 1555/EC1/2019/SEIAA

Environmental Clearance for the Expansion of Technopark Phase III in Sy.No 279, 280, 281, 282, 290, 291, 292, 293,294, 295, 296, 297, 338, 339, 343 part, 346part, 348,349, 350part, 351, 352, 353,355,358,359,365,366,368,369, 370 in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram District

Decision: The proponent and consultant were present. The consultant made the presentation. The Committee directed the proponent to submit the following additional documents:

- a. Revised storm water management plan
- b. Revised afforestation plan with year-wise details and reworked cost.
- c. Environmental Management Framework for the structures envisaged in the Master Plan.
- d. Comprehensive impact assessment with regard to the nearby communities

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

1. SIA/KL/MIN/167099/2020 , 121/SEIAA/EC4/2200/2014

Application for Extension of EC for the Granite Building Stone Quarry project, M/S Manimalath Crusher Industries in Survey Nos 781/1-23-1 & 781/1-23-2 in Athikkayam Village, Ranni Taluk, Pathanamthitta District, Kerala by Shri. Tomy Abraham

Decision: As per the request of the proponent, the proponent is allowed to withdraw the proposal.

2. SIA/KL/MIN/171857/2020

Environmental Clearance- Buiding Stone Quarry Project of M/S Chelupara Granites at Re. Sy. No.72 pt of Kodiyathoor Village, Kozhikode Taluk, Kozhikode District of Kerala State for an area of 4.9797 Ha

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee found that there are two concurrent proposals one each in revalidation and in extension. Hence the proponent is advised to intimate his preference of the proposal to be processed now.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/41283/2019 , 1839/EC2/2020/SEIAA

Environment Clearance for Granite Building Stone over an extent of 0.3284 Ha at Sy. No. 428/pt in Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala

Decision:The Committee deferred the item since the proponent was not present.

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/127534/2019 , 1554/EC1/2019/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry in Sy.Nos. 340/1-26/3, 340/1-28/2, 340/1-30/1, 340/1/26-2, 340/1/26-1, Enadimangalam Village, Adoor Taluk, Pathanamthitta District

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. All pillars should be replaced with concrete pillars with geo - coordinates written on it. (submit photos)
- b. Proper fencing should be made along the boundary.(submit photos)
- c. A traffic plan needs to be submitted along with an affidavit stating that the width of the road to be widened to 8m when operations get started
- d. OB location should be shifted to lower level, between BP1 and BP2, outside boundary; this location should be marked on a map and submitted

- e. A compensatory afforestation plan with native species to be submitted
- f. CER-Physical details required, need to be integrated with EMP and then to be added to the total cost.
- g. Site- specific silt traps to be provided in the garland canal with a proper out section with settling tank connected to a natural drain. A map showing these to be submitted.
- h. Quarrying operations should be limited 85m msl

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

Environmental Clearance for the Granite Building Stone Quarry of Mr. Sudheesh A T at Re Survey No: 151/1, 151/7 of Kaniyambatta Village, Vythiri Taluk, Wayanad.

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

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

Environmental Clearance for the Granite Building Stone Quarry of Shri. Nino K Thomas in Block No. 31, Re-survey. Nos. 457/1, 457/2, 457/3, 457/4, 457/4-1, 457/5, 457/6 & 457/7, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following documents/details:

- a. OB dump is shown within the boundary near to BP2. This has to be shifted to outside the project boundary to a lower elevation. A revised map showing the new OB location is to be submitted.
- b. Revised Village Officer certified Survey map with all structures within 200 m from the boundary, with distances specified.
- c. A revised CER project proposal with all physical details for easy monitoring. There should not be any duplication/overlapping of locations with the CER proposal of Project No.44488. The activities should be benefitting the local community.

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

Environmental Clearance for the Granite Building Stone Quarry of M/s Valad Granites at Survey No. 253/62, 253/356, 253/349 of Valad Village, Mananthavadi Taluk, Wayanad District, Kerala for an area of 2.9249 ha.

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

5. SIA/KL/MIN/134803/2020 , 1656/EC3/2020/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry project in Re-Survey Nos. 304part (Govt. Land) Parathodu Village, Block No.-49 of Udumbanchola Taluk, Idukki District, Kerala for an extent of 3.000 Hectares by Sri.Binu George

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following documents/details:

- a. Revised CER details
- b. Letter from the Wildlife Warden regarding the distance

6. SIA/KL/MIN/134893/2020 , 1585/EC1/2020/SEIAA

Environmental Clearance for the Granite Building Stone quarry project in an extent 4.7672 Hectares at Survey No. 208/1,Alanallur – 3 Village, Mannarkkadu Taluk, Palakkad District, M/S PLANET SANDS & AGGREGATES

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to apply for ToR

7. SIA/KL/MIN/144086/2020 , 1597/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Ramachandran P. at Re-Sy. No- 19/245 of Koodathai Village, Thamarassery Taluk, Kozhikode District of Kerala for an extent of 0.8094 Ha

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to recommend for issuance of EC subject to the following specific conditions:

- 1) Mining must be done in benches of 2m height and width
- 2) Ensure proper slope for natural drainage
- 3) Top soil must be used for reclaiming the mined out pit for planting trees.

8. SIA/KL/MIN/145130/2020 , 1664/EC1/2020/SEIAA

Environmental Clearance for the Building Stone Mine (Quarry, Minor Mineral Mining) project of M/s Capital Granites at Survey Nos. 2/3 & 3/2 at Shoranur II Village, Ottappalam Taluk, Palakkad District, Kerala.

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

9. SIA/KL/MIN/148361/2020 , 1641/EC3/2020/SEIAA

Building Stone Quarry of M/S Seas Rock Products at Survey No 426/3,426/4,426/5 in Neyyassery Village, Thodupuzha Taluk, Idukki District, Kerala State for an extent of 1.5163 Ha

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional document:

- a. Details of EMP Monitoring Components

10. SIA/KL/MIN/158734/2020 , 1768/EC6/2020/SEIAA

Environmental Clearance for the Granite building stone quarry project in Sy No-157/4 in Kuruva Village in Perinthalmanna Taluk, Malappuram District, Kerala for an area of 0.9789 Ha by Shri. Rasheedali Kottakkaran.

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

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

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

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. Reworked project cost
- b. Revised CER proposals as part of EMP

12. SIA/KL/MIN/171976/2020 , 1851/EC2/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Mr. P. Abdulla at Re survey No. 274/ 45 in Panathady Village, Vellarikund Taluk, Kasaragod District, Kerala for an extent of 0.2104 Ha. Conversion TOR to EC Granite Building Stone Quarry of Mr. P Abdulla

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. In the Field Inspection Report, it is reported that there are two houses within 200m. Since the Village Officer has certified that there are no residential houses or public buildings within 200m, the Committee decided to recommend for issuance of EC for a Project Life of three years subject to the following specific conditions:

1. Retaining wall should be provided for the dumping site to a height of about 1.5 m.
2. The blasting should be done adopting NONEL technique.
3. The garland drain and outflow channel should be provided with intermittent silt traps and should be maintained periodically by removing the obstructions, if any and deposited silt.

4. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
5. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
6. The green-belt development should initiate prior to the commencement of quarry operations. The species should include trees like Kunnivaka, Njaval, Kudakapala, Irul, Thani and Mahagony.
7. The quarry pond of the abandoned quarry adjacent to the proposed quarry should be filled and closed.

13. SIA/KL/MIN/205474/2021 , 1444/EC2/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Mr.K.I Joseph (Conversion ToR to EC), Venganellur Village, Thalappilly Taluk, Thrissur District, Survey No.53, Area-0.9910Ha

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- b. Reworked CER

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

Environmental Clearance for the Granite Building Stone Quarry of M/s. Nellimunda Granites and Sands Pvt Ltd' over an extent of 1.1341Ha (2.8026 Acres) at Re Sy No. 374/752 & 374/738, Valad Village, Mananthavady Taluk, Wayanad District, Kerala State

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional document:

- a. Proof of the application submitted for the permission from the National Board for Wildlife

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

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

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. The consent letters of Shri. Sathyavarthan and Shri.George Koshy for Sy Nos.458/9 and 461/7-1 are to be submitted
- b. Revised Village Officer Certified Survey map with all structures within 200 m from the boundary, with distances specified.
- c. A revised CER project proposal with all physical details for easy monitoring. There should not be any duplication/overlapping of locations with the CER proposal of Project No.132322. The activities should be benefitting the local community.

16. SIA/KL/MIS/148576/2020 , 1645/EC1/2020/SEIAA

Environmental Clearance for the, Residential Building Project Artech Grand Tower at Survey No. 92/1,2,3,4,5 Total construction built-up area 24386.59 m2 at Sasthamangalam, Thiruvananthapuram

Decision: The Committee scrutinized the addition documents submitted by the proponent. Regarding the CER proposals, the Proponent is not insisting for Killiar rejuvenation programme and proposed a roof top solar power with a capacity of 80 kw. The Committee decided to ask for a new proposal which may be beneficial to the local community instead of the solar power installation.

17. SIA/KL/MIS/153603/2020 , 1673/EC2/2020/SEIAA

Environment Clearance for proposed Hospital buildings within the existing Holy Cross Hospital complex to be developed by M/S Holy Cross Hospital, Kottiyam

Decision: The Committee scrutinized the addition documents submitted by the proponent. The Committee decided to recommend the issuance of EC with the following specific conditions:

- a. Implement proper sewage (waste water) conveyance system (Sewer line) for all proposed buildings, as well as, existing buildings, leading to the site of STP site, as the buildings are situated in scattered manner. .
- b. Add Tertiary Treatment Unit (Ultra Filtration Unit) in the existing STP and provide a proper treatment of extra quantity of **77** KLD of sewage, generated from the proposed buildings, for ensuring quality of treated water, fit for re-use /recycle for Flushing / Gardening/ Fire fighting/ Recharge of local ground water.
- c. Establish Storm Water Management System, with drains and intermittent Soak Pits, within the compound, for recharging of local ground water level.

- d. Implement suitable garland drains, all around the proposed buildings, enabling recharge of local ground water, to the extent possible and allow balance quantity, to flow to the proposed pond, after imparting primary settling, by providing suitable settling tanks/ delay ponds.
- e. Provide Rain Water Harvesting System in all Roof Tops of proposed buildings, and utilisation of Rain Water, for makeup water for toilet flushing, to the extent possible.
- f. Provide on-site storage facility for Non-degradable solid waste, including existing hospital buildings, as well as, in the new buildings, for periodical handing over of the same to Recyclers/ Local body.
- g. Provide on-site storage facility for biodegradable waste, for facilitating easy and hygienic storage and for imparting treatment, in the on-site treatment facility.
- h. Provide on-site storage facility for Biomedical Waste, preferably in the Cellar Floor/ near to those buildings, in the proposed buildings for ensuring segregated storage and inside transport of biomedical waste, for facilitating/handing over the same to Common Operator, IMAGE, in compliance with the BMW Rules 2016.
- i. Implement proper facilities for tapping Solar Energy from all Roof Tops of proposed buildings, as mentioned about harnessing solar power in the EMP.
- j. Implement a realistic and suitable green area development, with suitable species of trees and plants, specifically suitable for hospital environment, by avoiding fruit bearing plants. Suitable vegetation should be developed, appropriately on the ground as well as over built structures such as roofs, basements, podiums etc.
- k. Ensure a climate responsive design as per Green Building Guidelines in practice, and Exposed roof area and covered parking with material, having high solar reflective index.
- l. Ensure that building should have facilities for catering needs of differently-abled citizens.
- m. Ensure use of water efficient plumbing features and twin line plumbing system, for ensuring recycle/reuse of treated waste water.
- n. Ensure that the design of the building will be done in compliance to Energy Building Code as applicable.
- o. Ensure action for avoiding possible idle motor vehicle emissions, from the ramp type of MLCP proposed in the Hospital Complex.

18. SIA/KL/MIS/42326/2018 , 1458/EC3/2019/SEIAA

Capacity Enhancement of Secured Landfill Facility at Existing Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) site proposed by KEIL at Block No. 37, Survey No. 205 of Puthenkurisu

Decision: The Committee scrutinized the additional documents submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the general conditions and with the following specific conditions:

- a. Action for avoiding stockpiling of Hazardous Waste in temporary holding areas (covered with roof) during monsoon months.
- b. Action for keeping landfill areas capped with final cover/intermediate cover / rain protection cover, and action for suspending landfill operations, during monsoon period, to reduce infiltration of rain water into the landfill. This action is very important as water body is situated only 290 m away from the boundary of SLF.
- c. Action for providing proper maintenance of surface water drainage system comprising of drains, channels, catch drains, culverts and basins of the SLF and in the surrounding areas.
- d. Action for full covering / closure of waste collected and deposited in the Landfill, from various flood affected areas in the State, during the 2018 Floods and this portion of the SLF should be properly compacted and protected from rains to avoid further leachate generation.
- e. Action for harnessing solar energy, to meet partial power requirement in the SLF and providing post type, solar yard lighting system, within the SLF and adjoining areas.
- f. Action for planting of local species of trees (non -fruit bearing type trees) ,in the Green Belt area, as well as, in available open spaces, for maintaining a minimum Greenbelt width of 20 m all around, and ensure proper land scape for the compound and Office premise.
- g. Provide suitable compensatory afforestation area, if additional area is available, including avenue plantations with local species of trees of non-fruit bearing type trees, within the compound.
- h. Action for filling the gaps in the fencing / compound wall, provided in all around the compound of the existing as well as proposed SLF, for the protection of the area.
- i. Action for collecting Rain Water falling on active tipping areas separately and managing it as leachate, via the leachate collection drain and leachate collection sumps and finally lead to the leachate treatment for treatment and disposal/ reuse.
- j. Action for installing proper Fire Hydrants, in and around the SLF, as fires in hazardous waste landfill sites are not uncommon, and provide training / MOC drills, engaging the Plant Operators, for effectively addressing the problems associated with fire in consultation with Fire and safety Department.
- k. Action for periodic monitoring of ground water quality by establishing Monitoring Wells, at the existing as well as in the proposed SLF, located at specified horizontal

distance interval, as well as in vertical positions, for touching four underground geographic zones of (a) on and within the landfill; (b) in the unsaturated subsurface zone (vadose zone) beneath and around the landfill; (c) in the groundwater (saturated) zone beneath and around the landfill and (d) in the atmosphere/local area air above and around the landfill, as stipulated in the Guidelines on Hazardous Waste Management issued by the CPCB and KSPCB.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/130086/2019 , 1586/EC1/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry M/s Pure Aggregates Pvt Ltd at Resurvey No.320/2 & 321/2,Block No.31,in Pudussery Central Village, Palakkad Taluk, Palakkad District, Kerala in an extent of 0.6850 Ha (68. 50 Ares)

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

2. SIA/KL/MIN/130104/2019 , 1638/EC3/2020/SEIAA

Environmental Clearance for the building stone quarry of Mr. P. P. Varghese Proprietor M/S Kallen Metals at Survey No. 487/1-3B, 487/1-2-3 of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9981 Ha.

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Afforestation details
- b. Revised EMP including Detailed Project Report on CER

3. SIA/KL/MIN/134307/2019 , 1671/EC3/2020/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry project in Re-Survey Nos. 370/1pt and 370/2pt Vallichira Village, Meenachil Taluk, Kottayam District, Kerala for an extent of 0.8525 Hectares of land by Sri. Muhammed Naha Salim

Decision: The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the following specific conditions:

- a. Top soil must be dumped at designated place only
- b. Storm water management plan must be implemented as per approved plan
- c. Green belt development along buffer zone must be taken up within first year itself.

4. SIA/KL/MIN/134791/2020 , 1625/EC1/2020/SEIAA

Environmental Clearance for our proposed Granite Building Stone Quarry of Mr.Raju K Thomas over an extent of 2.9824 Hectares in ReSurvey No. 217pt (Govt. Land) at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram District, Kerala

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

5. SIA/KL/MIN/140436/2020 , 1675/EC2/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry project in ReSy.No. 121/2 part of Elamadu Village, Kottarakkara Taluk, Kollam District., Kerala for an extent of 0.6803 Ha of land by Sri. A. M. Chackochan, Aishwarya Granites

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided for field inspection.

6. SIA/KL/MIN/145476/2020 , 1705/EC6/2020/SEIAA

Environmental Clearance for the Laterite Building stone Quarry project in Re-Survey No. BL 11 244/3-3, 244/3-4, 244/3-5 of Pallikkal Village, Ernad Taluk,

Malappuram District, Kerala for an area of 0.1862 Ha by Shri. Vijosh P M

Decision: The Committee scrutinized the addition documents submitted by the proponent. The Committee decided to conduct with the field inspection.

7. SIA/KL/MIN/145849/2020 , 1612/EC1/2020/SEIAA

Environmental Clearance for Granite Building Stone of Mr. Sasidharan.G over an extent of 2.8540 Ha in Perumpazhuthoor Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

8. SIA/KL/MIN/147850/2020 , 1697/EC4/2020/SEIAA

Granite Building Stone Quarry of Kunjali Marakkar V M, in Re-Sy. Nos. 67/225, 67/1089, 67/1090, 67/956 of Kakkad Village, Kozhikode Taluk, Kozhikode District., Kerala for an extent of 0.9993 Ha

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

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

Environmental Clearance for the Laterite Building stone Quarry project in Resurvey No. 27 of Athavanad Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.1940Ha by Sri.Ahammed Nasar.M

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Legible survey map
- b. Drainage map

10. SIA/KL/MIN/150010/2020 , 1627/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry project of Shri.Moyimonul Rasheed over an extent of 0.9919 Ha in Re Sy No- 44/1, 41/1 of Thalikulathur Village, Kozhikode Taluk, Kozhikode District, Kerala

Decision: The Committee noted that the matter is pending for long irrespective of a Court direction with a time limit of 2 months. This is due to the failure of the proponent in submitting an appropriate drainage plan. Since the proposed area is located on the summit of a laterite hill, the land fragility and geological situation demand a comprehensive drainage plan. Though the proponent submitted a drainage plan, it is not satisfactory in view of the fragile terrain condition. Further, the proponent was informed about the indicative procedure, but the drainage plan is yet to be received. It is decided to inform the matter to SEIAA.

11. SIA/KL/MIN/158794/2020 , 1835/EC6/2020/SEIAA

Environmental Clearance for Granite Building Stone Quarry at Re Survey No 383/1 & 385 of Panthallur Village, Eranad Taluk, Malappuram District Kerala for an extent of 1.8112 Ha by Sri. Shabeerali

Decision: The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Compensatory afforestation plan
- b. CER should be revised

12. SIA/KL/MIN/159437/2020 , 1766/EC6/2020/SEIAA

Environmental Clearance for the Granite building stone quarry project in Sy No-1012/99, 1012/98, 1012/81 Melmuri Village, Ernad Taluk, Malappuram District, Kerala for an area of 1.7283 Ha. by Shri. Mohammed Nishad, P.P

Decision: The Committee scrutinized the addition documents submitted by the proponent and the Committee decided to conduct the field inspection.

13. SIA/KL/MIN/167896/2020 , 1808/EC1/2020/SEIAA

Environmental Clearance for the Granite building stone quarry at ReSurvey No.263/6- 3,264/11-6-2,264/11-6,263/6-4, 263/6-3-1, 264/11-5,264/11-2,Block No.4 of PallichalVillage, NeyyatinkaraTaluk, Thiruvananthapuram District, Kerala for an Area of 0.5734 Ha.by Sri.J.Roberters

Decision: The Committee scrutinized the addition documents submitted by the proponent and found that there is a building within 50m. So, the application is rejected.

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

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

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

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

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

Decision: The Committee scrutinized the additional details submitted by the proponent. The Committee decided to conduct the field inspection.

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

Environmental Clearance for the Building Stone Mine (Quarry, Minor Mineral Mining) project of M/s Vengunadu Granite and Sands Pvt. Ltd. at Survey Nos. 238/1, 238/2, 239/1, 239/2, 239/5, 239/6, 239/7, Block No. 22, Muthalamada 1 V

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

17. SIA/KL/MIN/46090/2019 , 1491/EC2/2019/SEIAA

Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Reji Joseph at Re-Survey Nos. 268/8-1, 268/8-2, 268/6, 268/6-1, 269/1, 269/1-2, 269/1-3, 260/1, 260/1-1, 260/1-2 at Kanagazha Village

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

18. SIA/KL/MIN/46189/2019 , 1523/EC3/2019/SEIAA

Mr Sabu Cheriyan Managing Partner M/s Marymatha Granites Environmental Clearance for the building stone quarry at Survey No. 185/3/2,186/1/8 of Maneed Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 0.9384 Ha.

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

19. SIA/KL/MIN/76720/2018 , 1490/EC2/2019/SEIAA

Environmental Clearance for the Granite Building Stone Mining Project at Survey No. 10/2, 97/4, 97/6, 97/7, Kalpetta Village, Wayanad District by Sri.SajithLal.M

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

20. SIA/KL/MIS/51114/2018 , 1191(A)/EC2/2018/SEIAA

Proposes expansion of the existing Master Plan Development of an IT/ITES SEZ township project of M/S SmartCity (Kochi) Infrastructure Pvt. Ltd. at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kerala

Decision: The Committee scrutinized the additional details submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Environment Management Framework for the proposed structures in the Master Plan.
- b. Action plan for eco-restoration/maintenance of Kadambayar, given in the revised EMP, comes about 0.30 % of the total project cost. Therefore, provide expanded action plan, for increasing the CER amount, by selecting some more locally relevant environmental issues for remediation/ protection.
- c. Provide details of strategy/ policy adopted for insisting advanced treatment (Tertiary level) of waste water, in the individual Industrial Units within the Park, for ensuring treated water quality fit for recycle/ reuse to the maximum extent possible.

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/127997/2019 , 1559/EC3/2019/SEIAA

Granite Building stone quarry of “Mr.P C James, Sy.No: 382/1,383/1,383/1,383/1 in Varappetty Village, Kothamangalam Taluk, Ernakulam – Obtained Clarification regarding the two Cluster Certificates

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon’ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

2. SIA/KL/MIN/129095/2019 , 1579/EC3/2019/SEIAA

Environmental Clearance for the proposed Building stone Quarry project Re Survey No:400/1,Block no.64 in Elankur Village, Ernad Taluk, Malappuram District, Kerala State by Mr.Sunny Joseph over an extent of 0.4761 Ha (Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the specific condition that mining will be commenced only after the dismantling of the house as given in the undertaking submitted earlier.

3. SIA/KL/MIN/133893/2019 , 1788/EC2/2020/SEIAA

Environment Clearance for mining of ‘Granite Building Stone Quarry of M/s. Pulpally Stone Crushers’ over an extent of 0.7905 Ha. (1.9533 Acres) at Re-Sy. Nos. 399/1, 399/15 & 399/18, Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala by Binoj K Baby (Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent and decided to direct the proponent to submit the following additional document:

- a. Recent Village Officer certified Survey map.

4. SIA/KL/MIN/130246/2019 , 1582/EC2/2019/SEIAA

Environmental clearance for Granite Building Stone Quarry of Mr.K.V Thaj over an extent of 0.9945 Ha. Survey No 666,674,674/p,675,675/p in Perumpilavu Village, Kunnamkulam (Old Thalappilly) Taluk, Thrissur District, Kerala (Additional documents received)

Decision: The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon’ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

5. SIA/KL/MIN/137456/2020 , 1607/EC1/2020/SEIAA

Environmental Clearance for Building Stone Quarry of Mr. Nitheesh Babu B.S situated in Block No.29, Re Surveyno.119/1, 119/2, 120/1, 120/2, 120/3, 120/11, 120/12, of Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala (Field inspection report received)

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

- a. A map with proposed road to the site with a traffic plan. If private land is involved, consent letters have to be furnished.
- b. A site drainage plan with corrections BP 2-4.
- c. Location of OB dump site(with proper concrete wall protection to avoid spill over to the Panchayat road) indicated on the map.
- d. A compensatory afforestation plan with native species.
- e. A plan for the removal of the boulders without blasting.
- a. Consent letters from the stakeholder – beneficiaries of CER plan

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

Granite Building stone quarry of “Mr. Saji Sebastian, Sy. No: 128/3Bpt, 128/4pt, 129/1-4pt, 129/2-1pt, in Arakkuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala State (Additional documents received)

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised project cost considering the fair value of land.

7. SIA/KL/MIN/144116/2020 , 1599/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry in Sy No41/4C-1 of Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram District, Kerala for an extent of 0.3236 Ha by Sri.Siraj.K (Field inspection report received)

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

- a. Revised drainage map
- b. New survey sketch attested by Village Officer has to be submitted.
- c. Litho section of the site must be submitted incorporating depth of water table.

8. SIA/KL/MIN/146308/2020 , 1611/EC1/2020/SEIAA

Environmental Clearance for Granite Building stone from Re Sy No 512/3 (Block No.12)in Kollengode-2 Village, Chittur Taluk, Palakkad District, Kerala M/S Star Metals (Field Inspection Report received)

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

- a. The water tank in the adjacent plot shall be demolished before mining. An affidavit to this effect shall be provided by the proponent.
- b. There are four houses within 200 m and the decision should consider this fact.
- c. The proponent should revise the Drainage plan and relocate the proposed overburden dumping site to a lower elevation.
- d. NOC from the Wildlife Warden

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

Environmental Clearance for the building stone quarry at Survey No.66/1,66/2A,66/2A,66/2B,128/2A,128/2B3,128/2B2,128/3A,128/3B2,of Arakkuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 1.7634 Ha by Mr Saji Sebastian (Additional documents received)

Decision: The Committee scrutinized the additional documents submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating all necessary mitigation measures
- b. Revised CER in physical terms as part of EMP

10. SIA/KL/MIN/147588/2020 , 1643/EC1/2020/SEIAA

Environmental Clearance for Building Stone Quarry M/s Kannanthanam & Company over an extent of 0.4200 Ha. ReSurvey no.372/3, of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (Field inspection report received)

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

- a. Details are to be submitted how the Greenbelt can be provided in the Buffer Zone proposed to be developed over the rocky area.
- b. Detailed water level measurement data of nearby open wells with geo coordinates.
- c. A certified survey map showing structures within 200 m.
- d. Revised Drainage Plan considering the topography of the area.
- e. Change metallic boundary pillars with labelled concrete pillars and provide photo showing the changes made.
- f. Since the host rock is highly fractured a write-up describing the protection measures against rock fall to be submitted

- g. An affidavit committing that compensatory afforestation will be done in his land or nearby area or outside, in his own land and submit an Afforestation Plan for that with number, species and period of planting.
- h. Plan for protection / measures proposed for ensuring safety of the loose soil/ boulders / unstable rock part, available in the southern side of the quarry site, before starting quarry operation.
- i. An affidavit stating that the legal status of the land, whether the proposed land (project area), includes, the disputed land assignment issue, prevailing in the 'Mukkunnimala area' of Neyyatinkara Taluk, Thiruvananthapuram District.
- j. NOC from nearby defence institutions.

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

Environmental Clearance for the building stone quarry project at Re-Sy.No.24/1, 25/4, Block No.50 of Mangalam Dam Village, Alathur Taluk, Palakkad District by Mr M. V. Antoo (Additional documents received)

Decision: The Committee scrutinised the details submitted by the proponent and directed to submit the following documents:

- a. Legible survey map
- b. Detailed Project Report on CER as part of EMP

12. SIA/KL/MIN/155712/2020 , 1688/EC1/2020/SEIAA

Application for the Building Stone Mine (Quarry) project of Mr. V.Sudhakaran at Block No. 4, Re Survey Nos. 270/1, 2, 3, 4, 4-1, 5, 5-1, 5-2, 5-3,5-4, 5-18, 5-19, 12,12-1, 12-2, 14, 15, 15-1, 16, 17 of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala for an area of 1.7230 hectares (Field Inspection Report received)

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

- a. Land use map within 500 m.
- b. A certified survey map showing structures within 200 m.
- c. Detailed water level measurement data of nearby open wells with geo coordinates.
- d. Revised Drainage Plan considering the topography of the area.
- e. An affidavit stating that the legal status of the land, whether the proposed land (project area), includes, the disputed land assignment issue, prevailing in the 'Mukkunnimala area' of Neyyatinkara Taluk, Thiruvananthapuram district.
- f. Affidavit showing the Preservation Plan/ action for seeking sanction from competent authority, for the ROSE Wood, available in the project site.
- g. An affidavit committing that, compensatory afforestation plan, for planting about 1500 trees will be done with local species, in available land or nearby area or outside, in his own land and showing species and year wise breakup of activity in the first three years.

- h. A traffic management plan showing regulation of heavy vehicles in the approach road to the proposed quarry site.
- i. An yearly production plan to be submitted for the entire period of mine life to be Submitted.
- j. NOC from neighbouring defence institutions.

13. SIA/KL/MIN/159168/2020 , 1752/EC1/2020/SEIAA

Environmental Clearance for the proposed granite building stone quarry in Re-Sy. No.492/3, Block No.19 of Thiruvegappura Village, Pattambi Taluk, Palakkad District for an area of 0.4177 Ha by President, OTTAPPALAM TALUK KARINKAL QUARRY , OPERATORS INDUSTRIAL CO-OPERATIVE SOCIETY LIMITED(Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent and the Committee decided to conduct the field inspection.

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

Environment Clearance Granite Building Stone Quarry of Mr. Sudheesh A T at Re Survey No:129/20, 129/19,134/6,134/7 of Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala for an area of 1.8407 hectares (Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent and the Committee decided to conduct the field inspection.

15. SIA/KL/MIN/162661/2020 , 1748/EC1/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Block No: 25 Re-Survey Nos. 191/1-3, 192/1-4, 192/1-3, 192/2, 193/20, 193/20-1, 180/4, 180/3-1, 180/3-2 in Perumkadavila Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala by Smt. M.R Jayasree, Managing Partner of M/s Saroj Realtors and Builders(Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.

- c. Biodiversity report should be summarized in the tabular form.
- d. Detailed water level measurement data of nearby open wells with geo coordinates.

16. SIA/KL/MIN/41414/2019 , 1563/EC1/2019/SEIAA

Environmental Clearance for the Building stone quarry of Mr. Aboobacker ,O. in Pattithara Village, Pattambi Taluk, Palakkad district, Kerala in Survey No – 176, 177/1 & 131 (P) over an extent of 1.4061 Ha (Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. Recent cluster certificate
- b. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- c. Hazard zonation map

17. SIA/KL/MIN/43559/2019 , 1483/EC2/2019/SEIAA

Environmental Clearance for the building Stone quarry project in Rs. Sy.No. 201, 202, 203, 214, 215, 216/1 & 218 at Thiruvilwamala Village, Thalappilly Taluk, Thrissur District for an area of 4.3520 ha by Sri.C.Firos Babu (Additional documents received)

Decision: The Committee scrutinized the additional details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional document:

- a. Revised drainage plan

18. SIA/KL/MIS/189607/2020 , 1869/EC1/2021/SEIAA

Environment Clearance for proposed Residential project to be developed by M/S Sobha Highrise Ventures Pvt. Ltd. Limited (Field Inspection Report Received)

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

- a. Details of Tertiary Treatment Unit (Ultra Filtration Unit) proposed, with pre- 4 treatment facilities such as, PSF and PCF (in continuation to the primary and secondary type of treatment of sewage with MBBR type of ASP), for establishing 80 KLD STP, in order to ensure quality of treated water, fit for re-use /recycle for Flushing / Gardening/ Fire Fighting / / HVAC make up water / Recharge of local ground water.
- b. Details of tentative cost of STP, showing capital and operating cost, linking to EMP.

- c. Include realistic / tentative capital cost for waste management facilities, especially for Solid Waste in the EMP.
- d. Examine whether 50 Sq m storage area proposed for Non-degradable waste for 10 days is sufficient. It should be at least 30 days storage space and provide additional space for storage of Hazardous Waste and E- waste.
- e. Earmark a convenient location in the site plan, with sufficient covered storage space, for non-degradable solid waste (dry waste), Hazardous waste and E –Waste for ensuring hygienic storage and periodical handing over of the same to Recyclers/ Local body/ Venders.
- f. A properly designed Plan for planting of local species of trees including Fruit Bearing Trees in the Green Belt area / open space, compensatory afforestation area/ children's play area, including avenue plantations. Also committing that vegetation will be adopted appropriately on the ground and over built structure such as roofs, basements, podiums, balconies etc. This may be prepared with the help of experts.
- g. Give details of pumping test conducted, in the two proposed Bore wells at the proposed site, for knowing yield, zone of influence of well and aquifer response, while pumping from a single well as well as from both.
- h. Details / Plan/ Undertaking for establishing two line plumbing system, for ensuring reuse of treated waste water for flushing and use of water efficient /conserving plumbing system.
- i. Undertaking that action will be taken for ensuring to plan a climate- responsive design as per Green Building Guidelines and also committing that exposed roof area and covered parking will be covered with material having high solar reflective index.
- j. Undertaking that action will be taken for ensuring that the building design will cater to the differently-abled citizens.
- k. Undertaking that action will be taken for ensuring that the design of the building will be done in compliance to Energy Building Code as applicable.

PART 5

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Granite (Building Stone) Quarry at survey Nos.155/1,154 Karakkunnu village, Eranad Taluk, Malappuram District, Kerala for an extent of 0.6111 Ha of Mr. Musthafa M.K

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

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

Granite Building Stone Quarry at Re-Survey No. 159/2A2B of Poolakode Village, Kozhikode Taluk, Kozhikode District, Kerala for an area of 0.6338 hectares of Satheesan

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

3. SIA/KL/MIN/141091/2020 , 1863/EC3/2020/SEIAA

Proposed Laterite Building Stone Quarry of Prince M.P. at Re - Survey No-83/2 in Edakattuvayal Village, Kanayannur Taluk, Ernakulam District, Kerala for an extent of 0.1940 Ha.

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

4. SIA/KL/MIN/141299/2020 , 1854/EC6/2020/SEIAA

Laterite Building stone quarry of Mr. Kunhi mohammed over an area of 0.1536 hectares in Sy No. 8/1 located in Kuruva village under Perinthalmanna Tehsil of Malappuram District, Kerala.

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

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

Granite building stone quarry of Mr.Saju George in survey no: 590/11 (1,2,3,4), 590/18(1,2,3,4), 590/12(2,3),Vengoor west Village, Kunnathunadu taluk, Ernakulam, Kerala

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

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

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

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

7. SIA/KL/MIN/159159/2020 , 1852/EC2/2020/SEIAA

Laterite building stone quarry of Prabhat Menon situated at Re-Survey No. 676/pt of Madikai Village, Hosdurg Taluk, Kasaragod District, Kerala for an area of 0.0972 hectares.

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

8. SIA/KL/MIN/159687/2020 , 1853/EC2/2020/SEIAA

Conversion TOR to EC- Granite Building Stone Quarry of Mr. Sebastian George at Re Survey No 599/1A1, 599/1A2 & 599/3 of Village – Belur, Taluk – Vellarikund, District – Kasaragode, Kerala for an extent of 0.8752 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

9. SIA/KL/MIN/164458/2020 , 1847/EC1/2020/SEIAA

Granite Building Stone Quarry of Vijayan R, Veena Sadanam, Kattuputhussery, Pallikal (p.o), Thiruvananthapuram, Kerala in an extent of 0.3900 Ha (39.00Areas) in Pallikkal Village, Varkala Taluk, Thiruvananthapuram

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

10. SIA/KL/MIN/166718/2020 , 1866/EC6/2020/SEIAA

Granite Building Stone Quarry of Khaja Hussain. K. K at Re Survey No: 26/9-277, 26/9-278, 26/9-102, 26/9-103,, Re survey Block No: 2 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District, and Kerala for an area of 4.8127 hectares.

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

11. SIA/KL/MIN/167172/2020 , 1862/EC6/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey Nos. 89/ 3- 3, 82/ 1- 3, 82 /1 -4, 89 /1 -11, 82/ 1 - 2, 89/ 1- 3, 89/ 3- 2 in Block No: 13, Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala for an extent of 1.3301 Ha by Mr. Niyas P.V

Decision: The Committee decided to entrust the scrutiny of the proposal with Shri.G.Sankar, Dr.N.Anilkumar & Dr.N.Ajithkumar.

12. SIA/KL/MIN/169289/2020 , 1843/EC6/2020/SEIAA

Granite building stone quarry of Mr.Sudheermon.p.p in survey no:217/4,in Pulpatta village, Eranad Taluk, Malappuram District,Kerala State for an extent of 0.9569 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

13. SIA/KL/MIN/172346/2020, 1826/EC3/2020/SEIAA

Environmental Clearance for the building stone quarry at Re Survey No. 441/7-3,441/7-4,441/7-5-2,Block No.22 of Arakkappady Village, Kunnathunad Taluk, Ernakulam District, Kerala for an Area of 0.4553 Ha. byMr Naushad T M

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

14. SIA/KL/MIN/175536/2020 , 1846/EC1/2020/SEIAA

Granite Building Stone quarry project in an extent of 0.9407 Hectares in Survey No: 60/1, 53/1 of Nellya Village and Re Survey No. 150/1 of Cherpulassery village of Ottapalam Taluk of Palakkad District, Kerala State by Sri. Sukumaran, President of Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Ltd.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

15. SIA/KL/MIN/177504/2020 , 1864/EC3/2020/SEIAA

Proposed Laterite Building Stone Quarry of Thankappan .M.M. at Re - Survey No-55/1-4 in Edakattuvayal Village, KanayannurTaluk, Ernakulam District, Kerala for an extent of 0.0970

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

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

Menachoor ordinary clay mining project proposal from 0.1665 hectares in Sy. No. 7/6, 7/7, 7/8 and 7/9 of Pariyaram village, Thaliparambu Taluk, Kannur District by Mr. Sushil Aaron.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

17. SIA/KL/MIN/180272/2020 , 1841/EC3/2020/SEIAA

Environmental Clearance for Ordinary Earth Mining Project of Mr. V.A Rajan, over an extent of 0.4613 Ha in Sy No-676/13-1, 676/13-2 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

18. SIA/KL/MIN/186100/2020 , 1848/EC4/2020/SEIAA

Granite Building Stone Quarry situated at Re Sy. No: 5 of Eruvessi Village, Taliparamba Taluk, Kannur District, Kerala over an area of 1.0963 Ha of Mr. Rajesh TS

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

19. SIA/KL/MIN/186383/2020 , 1887/EC1/2021/SEIAA

Proposed Granite Building Stone Quarry over an extent of 4.2567 Hectares in Re-Survey Nos. 129/1pt, 131/5pt, 131/6pt & 131/7pt of Pullampara Village, Block No.-22, Nedumangadu Taluk, Thiruvananthapuram District, Kerala

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

20. SIA/KL/MIN/187772/2020 , 1857/EC4/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No. 210, Re-Survey No: 2/106 in Padiyoor Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1942 Ha.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

21. SIA/KL/MIN/188469/2020 , 1868/EC4/2020/SEIAA

Proposed Laterite Building Stone Quarry of Mr. Riyas N.K.at Re -Sy. No. 149/1 of Perumanna Village, Kozhikode Taluk, Kozhikode District of Kerala for an extent of 0.2593 Ha.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

22. SIA/KL/MIN/52716/2020 , 1654/EC6/2020/SEIAA

Proposed Granite Building Stone Quarry of Shri. Sajeer Moyin at Survey Number 323/1-3, 323/1-4, 323/1-11 & 323/1-12 at Thiruvalli Village, Nilambur Taluk, Malappuram District, Kerala for an area of 4.7425 hectares.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.C.Bhaskaran, Shri.K.Krishna Panicker & Shri.M.Dileep Kumar

PART 6

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

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

Decision:The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

2. SIA/KL/MIN/151053/2020 , 1817/EC6/2020/SEIAA

Granite Building Stone Quarry Of Shri. Kuttiamu Haji In Survey No:174,Cherukavu Village,Kondotty Taluk, Malappuram District,Kerala for an extent of 0.8577 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

3. SIA/KL/MIN/161069/2020 , 1799/EC6/2020/SEIAA

Granite Building Stone Quarry Of Mr.Abdul Rasack.P In Survey No:95/9-3,95/7-4 In Mankada Village, Perinthalmanna Taluk,Malappuram District,Kerala with an extent of 2.1509 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

4. SIA/KL/MIN/163417/2020 , 1891/EC3/2021/SEIAA

Laterite Building stone Mining project in an area of 0.298 Ha of Land in Block No. 24, Re-Sy No. 482/1. Mulanthuruthy Village, Kanayannoor Taluk, Ernakulam District, Kerala by Mr. John. P.M

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

5. SIA/KL/MIN/168391/2020 , 1399/EC1/2019/SEIAA

Granite Building stone quarry of M/s BBJ Granites (Conversion ToR to E.C) in an area measuring 0.9984 Ha, at Survey Nos. 9/1,9/2,9/3,9/6,10/1,11 located near Village-Thangaloor, Taluk- Thrissur, District- Thrissur, and State Kerala

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

6. SIA/KL/MIN/173485/2020 , 1834/EC6/2020/SEIAA

Proposed Granite Building Stone Quarry of Mr. Sameer P. at Re. Sy. No. 237/2, 237/1, 237/1-2 of Nediyruppu Village, Kondotty Taluk, Malappuram District of Kerala for an extent of 2.7047 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

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

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

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

8. SIA/KL/MIN/177823/2020 , 1829/EC1/2020/SEIAA

Granite Building Stone Quarry of Shri. Najeeb Hassan at Survey No. 372/1-2 in Ongallur-II Village, Pattambi Taluk, Palakkad District in an extent of 0.8747 Ha.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

9. SIA/KL/MIN/181699/2020 , 1875/EC3/2021/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry M/s. Focus Mining Company” over an extent of 4.6674 Ha. at Re-Sy. Bl. No.13, Re-Sy. Nos. 335/2-1, 335/2-2, 335/2-3, Kanjirappally Village, Kanjirappally Taluk, Kottayam District, Kerala State

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

10. SIA/KL/MIN/185659/2020 , 1858/EC1/2020/SEIAA

Expansion of Granite Building stone quarry of M/S Chengalathu Quarry Industries for an area of 0.9900 ha Environmental in Sy.No: 575/1-3-6-2pt & 581/1-5-7pt at Konni Thazham Village, Konni Taluk, Pathanamthitta District, Kerala State

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

11. SIA/KL/MIN/194573/2021 , 1889/EC6/2021/SEIAA

Laterite Building Stone Quarry of Shri. Asees Kadakkadan, Ponmala- Village, Tirur Taluk, Malappuram District for an extent of 0.5827 Ha Sy.No:458/2,3 of Ponmala-Village, Tirur-Taluk, Malappuram- District, Kerala

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.S.Sreekumar, Dr.P.S.Easa & Dr.A.V.Raghu

12. SIA/KL/MIN/195042/2021 , 1886/EC4/2021/SEIAA

Proposed Laterite Building Stone Quarry of Sri. Chandrasekharan K.P at Re - Sy. No 3/485 of Kalliad Village, Iritty Taluk, Kannur District of Kerala for an extent of 0.3885 H

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

13. SIA/KL/MIN/195129/2021 , 1893/EC4/2021/SEIAA

Building Stone Mining project (Minor Mineral) of M/s Puthalam Constructions Pvt. Ltd. is situated at Re-Survey Nos. 21/149, 21/124, 21/145, 21/148, 21/147, 21/156, 21/144 (Old Sy. No. 21/1A1), Block No. 64, Kolayad Village, Thalassery Taluk, Kannur District, Kerala for an area of 2.0235 hectares.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

14. SIA/KL/MIN/195293/2021 , 1895/EC6/2021/SEIAA

Proposed Laterite (Building Stone) Quarry in Survey Nos: 98/5-2, 98/5-3 in Ponmala Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.1921 Ha by Mr. Yousufali. T

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

15. SIA/KL/MIN/195303/2021 , 1885/EC4/2021/SEIAA

Proposed Granite Building Stone Quarry of Mr. M.P Balan. at Re.Sy. No. 29/3 of Meppayyur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.9928 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

16. SIA/KL/MIN/195424/2021 , 1902/EC4/2021/SEIAA

Proposed Laterite (Building Stone) Quarry in Re-Survey No: 30/1687 New (30 old) in Chuzhali Village, Thaliparamba Taluk, Kannur District, Kerala for an extent of 0.4047 Ha

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

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

Environmental clearance for our Building Stone quarry Situated at Sy. No. 253/14, 266/1 & 266/2 of Cherukave village Kondaty Taluk, Malappuram District of Kerala State, extends over an area of 3.9800 Ha. by Smt. Malathy

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

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

Environmental clearance for our Building Stone quarry situated at Situated at Sy. No. 253/14, & 266/2 of Cherukave village Kondaty Taluk, Malappuram District of Kerala State, extends over an area of 4.4462 Ha. by Mr. Jayaprakash

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

19. SIA/KL/MIN/208451/2021 , (Old ToR Proposal No./File No.SIA/KL/MIN/39525/201)

Proposed Granite Building Stone Quarry of Mr. Hussain at Re Survey No 19/2 of Village - Koodathayi Village, Thamarassery Taluk, Kozhikode District, Kerala for an extent of 0.2068 Ha

Decision: The Committee discussed the earlier Field Inspection Report in this regard and decided to reject the proposal due to the material for mining as proposed in the mining plan is mostly extracted unauthorizedly including from the portion of the buffer zone at places. Therefore, the application cannot be proceeded and the same should be informed to the Dept. of Mining and Geology.

20. SIA/KL/MIN/209584/2021 , 1903/EC3/2021/SEIAA

Proposed Granite Building Stone Quarry over an extent of 3.6153 Hectares in Survey No. 231part (Govt. Land) at Konnathady Village of Idukki Taluk, Idukki District, Kerala by Mr. Ananthu Sunil

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

21. SIA/KL/MIN/45189/2019 , 1739/EC4/2019/SEIAA

Environment Clearance for mining lease of "Granite Building Stone Quarry of M/s. K. V. N. Engineering & Constructions' over an extent of 3.4162 Ha. (8.4414 Acres) at Sy. No. 292/1A, Vellad Village, Thaliparamba Taluk, Kannur District, Kerala State.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

22. SIA/KL/MIN/62708/2019 , 1901/EC4/2021/SEIAA

Proposed Granite Building Stone Quarry of Mr. Abdul Rahim at Re Survey No. 147/46, 147/2A1, 147/2A2, 147/42, 147/43, 147/44, 147/41 at Thazhakkode Village, Kozhikode Taluk, Kozhikode District, Kerala for an extent of 3.8830 Ha.

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

23. SIA/KL/MIS/208403/2021 , 1898/EC4/2021/SEIAA

Development of Malabar Cancer Center as Postgraduate Institute of Oncology Sciences and Research

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/61689/2021 , 1897/EC4/2021/SEIAA

Building Stone Quarry of Mr. Ashraf P over an extent of 2.3203 Ha at Re.Sy.No 172 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala

Decision: The Committee decided to entrust the scrutiny of the proposal with Dr.R.Ajayakumar Varma, Smt.Beena Govindan & Shri.V.N.Jithendran.

ADDITIONAL AGENDA

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

Granite (Building Stone) Quarry with permit at survey no.275/1Apt in Thriprangotoor Village, Thalassery Taluk, Kannur District, Kerala for an extent of 0.6844 Ha (Additional Documents received)

Decision: Deferred for detailed scrutiny.

2. SIA/KL/MIN/129749/2019, 1553/EC2/2019/SEIAA

Granite Building Stone Quarry of Vallom Infrastructure and Developers Pvt.Ltd, at Survey Nos. 47/1 in Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 0.9990 Ha (Field Inspection Report received)

Decision: The Committee discussed the Field Inspection Report and directed the proponent to submit the following additional documents:

- a. CER to be reworked, incorporate in EMP and provisions for environment conservation practices also to be included.
- b. The farm shed and store building shall be demolished before quarrying. An affidavit to this effect shall be provided by the proponent.
- c. Identify the native tree species existing in the proposed site and make a compensatory afforestation plan accordingly.

3. SIA/KL/MIN/129766/2019 , 1616/EC2/2020/SEIAA

Proposed granite building stone quarry of Mr.Jalaludeen at Survey No. 30/3-2, 30/3-3, 30/3-4, 30/14, 37/5-1, 37/5-2 & 37/5- 3, at Veliam Village, Kottarakara Taluk, Kollam District, Kerala State, having an extent of 0.7161 Hectares (Additional Documents Received)

Decision: Deferred for detailed scrutiny.

4. SIA/KL/MIN/129838/2019, 1771/EC6/2020/SEIAA

Proposed Granite (Building Stone) Quarry of M/s Cherupara Granites with Lease at Survey Nos. 8/2, 8/2-18 in Vettilappara Village, Eranad Taluk, Malappuram District, Kerala State for an extent of 1.2914 Ha (Field Inspection Report received)

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

- a. Compensatory Afforestation
- b. A retaining wall must be constructed along the South-Eastern side of the project site.It would be good, the area is strengthened with site specific plants like bamboo. An affidavit to be obtained.
- c. Haulage Road should be maintained properly stabilising the road sides and ensuring the flow of natural drain.
- d. CER to be modified and made part of EMP and submitted.
- e. Location of the observation well must be submitted

5. SIA/KL/MIN/131666/2019 , 1783/EC3/2020/SEIAA

Building Stone Quarry of Mr.P V Santhosh for an area of 0.9998 Ha 288/1-1,288/1-2,287/2,288/3 at Mazhuvannoor Village, Kunnathunadu Taluk, Ernakulam (Field Inspection Report received)

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

- a. Revised project cost
- b. Increase the width of the private road to the site to facilitate simultaneous movement of two vehicles.
- c. Affidavit stating that the top soil near BP7 will not be disturbed.
- d. Revise the project cost and the CER Plan.
- e. Up load District Survey Report of Ernakulam
- f. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017- IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- g. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- h. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- i. Biodiversity summary in tabular form
- j. Detailed water level measurement data of nearby open wells with geo coordinates
- k. Recent cluster certificate

6. SIA/KL/MIN/133818/2019 , 1644/EC3/2020/SEIAA

Environmental Clearance for the building stone quarry of Mr. P. P. Varghese Proprietor M/s Kallen Metals at Survey No. 487/1-3B part of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9787 hectares (Field Inspection Report received)

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

- a. Revised project cost
- b. Furnish physical details of proposed CER activities
- c. Revise EMP budget considering all activities coming under this and make realistic assessment of the financial requirement.
- d. Furnish reduced level of groundwater level monitoring well.

- e. Revised project cost considering changes in EMP. Fair value of land, CER etc
- f. List of trees in core and buffer separately
- g. Compensatory afforestation plan

7. SIA/KL/MIN/134527/2020 , 1637/EC3/2020/SEIAA

Building Stone Quarry of M/s.Four Star Granites over an area of 1.6479 Ha in Sy. No. 503/1,503/2,498/3-B/8- 6,493/1/14-B of Varapetty Village, Kothamangalam Taluk, Ernakulam (Field Inspection Report received)

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

- a. Fix the boundary pillars permanently and submit photos
- b. Develop green belt in the buffer in the first six months itself
- c. Submit compensatory afforestation plan
- d. Revised site specific drainage map with suitable settling tank and connection to natural drainage
- e. Submit the plan for the development of the road from the panchayat road to the site.
- f. Provide a retaining wall for the proposed OB dumping site on the north and eastern Side
- g. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- h. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- i. Land slide Hazard Zonation Map
- j. Compensatory Afforestation Plan
- k. Map showing OB dumping site

8. SIA/KL/MIN/136195/2020 , 1587/EC1/2020/SEIAA

Granite / Building stone quarry of “Mr.Babu Jacob, Director, M/s. Mannari Granites Private Limited. Sy.No: 1008/1-18/3,1008/1-18/4,1008/1- 18/5,1008/1-18/7 in Mulavoor Village, Muvattupuzha Taluk, Ernakulam District,Kerala State (Field Inspection Report received)

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

- a. Revised map showing the relocated dump site.
- b. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- c. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- d. Revised drainage map.
- e. Submit revised drainage plan
- f. Undertake a fresh count of the number of trees in the project area. Ensure that the rubber trees in the area are also counted. Based on the new count of trees, develop a compensatory afforestation plan. The compensatory afforestation plan should include activities to compensate for the excavation in the buffer area between BP4 and BP3.
- g. Add additional silt traps
- h. Revise the project cost
- i. Revise the EMP including the physical details interventions under CER.

9. SIA/KL/MIN/138256/2020 , 1702/EC4/2020/SEIAA

Building Stone Quarry of Mr.K.K.Mohammed over an extent of 0.9199 Ha at Re.Sy.No188/2 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala (Field Inspection Report received)

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

- a. Compensatory afforestation plan
- b. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- c. The additional details were not uploaded as these have not been raised by SEIAA in the Parivesh.
- d. There is a small shed near BP1 without house number
- e. EMP budget and CER proposal need to be revised with realistic budget details and physical details of CER activities.
- f. Revised biodiversity assessment with quantification separately for the core and buffer areas.

- g. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- h. Biodiversity summary in tabular form
- i. Water level data of nearby open wells with geo coordinates
- j. Revised project cost
- k. Tree cutting details and Greenbelt plan with species details
- l. DSR

10. SIA/KL/MIN/138465/2020 , 1608/EC1/2020/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. Sathyan. C” over an extent of 2.8552 Ha. (7.0551 Acres) Re-Sy. BlockNo. 26, Re-Sy. Nos. 156/1, 156/2,156/3 & 156/3-1, Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala (Field Inspection Report received)

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

- a. All pillars should be replaced with concrete pillars with geo - coordinates written on it.
- b. Proper fencing should be made along the boundary.
- c. A survey map showing all structures within 200m boundary, with distances specified.
- d. A traffic plan needs to be submitted along with an affidavit stating that the width of the road to be widened to 8m when operations get started
- e. OB location should be shifted to lower level, between BP1 and BP2, outside boundary; this location should be marked on a map and submitted
- f. A compensatory afforestation plan with native species to be submitted.
- g. CER Proposal with physical details for easy monitoring is required. This has to be integrated with EMP and then to be added to the total cost. The activities should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- h. Site- specific silt traps to be provided in the garland canal with a proper out section with settling tank connected to a natural drain. A map showing these to be submitted.
- i. Validity certificate of RQP

11. SIA/KL/MIN/140590/2020 , 1791/EC2/2020/SEIAA

Granite Building Stone Quarry of Mr. Joby John over an extent of 0.7300 Ha. in Re-Sy. Nos. 382/1 & 382/5, Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala State, India. (Additional documents received)

Decision: Deferred for detailed scrutiny.

12. SIA/KL/MIN/142152/2020 , 1737/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr.Suresh.T, over an extent of 0.4047 Ha, Resy no-113/21(113/2) in Mavoor Village, Kozhikode Taluk, Kozhikode District, Kerala (Field Inspection Report received)

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

- a. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017- IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- c. Biodiversity summary in tabular form
- d. Detailed water level measurement data of nearby open wells with geo coordinates.
- e. Lithological cross section with depth details
- f. Consent letter of the owner of the existing quarry pit on the eastern side of the project area to stack top soil and laterite waste in the quarry pit.
- g. Consent of the owner of the project area for three year lease period instead of present two year period

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

Application for Environmental Clearance for the expansion of existing Building Stone Mine (quarry) project in Re-Survey Nos. 283, 282/3-1, 282/3- 3pt. of Mazhuvannoor Village & Re Survey Nos. 284/1-2, 284/1-3, 284/2-2Pt., 284/2-3pt., 285/4, 283/2-5-2, 283/2-3-2, 282/1-3-1-2 in Block No. 28 of Arackappady Village, Kunnathunad Taluk, Ernakulam district, Kerala for an area of 8.7668 hectares of land by Sri. Eldho Kuruvilla, Managing Partner, M/S Cochin Granites Pulickal Associates (Field Inspection Report received)

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

- a. Revise CER proposal as given in the presentation in 117th SEAC meeting.
- b. Revise mining plan with modification in C C' and D D' sections so that ultimate depth
- c. limited to 40 m above MSL
- d. Reduced levels of groundwater level monitoring wells

- e. Details of medicinal garden
- f. Carrying Capacity study by a recognized institution

14. SIA/KL/MIN/147339/2020 , 1669/EC6/2020/SEIAA

The building stone quarry project of M/s Granites India situated at Survey Nos. 98/2pt, 98/24 pt (Block No. 1) & Survey No. 428/66 pt (Block No. 2) of Edayur Village of Tirur Taluk, Malappuram Dist (Field Inspection Report received)

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

- a. A protective wall must be constructed around the O.B dumping site-An affidavit to that effect to be submitted.
- b. Detailed plan regarding native trees to be planted in each year must be provided.
- c. CER –Specifications of Solar light installation and storage capacity details of water storage must be mentioned.

15. SIA/KL/MIN/164009/2020 , 1372/EC2/2019/SEIAA

Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Rajan Thomas at Re-Survey Nos. 205/3, 205/5, 199/3, 199/8, 199/7, 199/7-1, 199/9, 199/6-1, 198/1, 198/2, 197/1, 198/5, 198/5-6, 198/4, 207/1, 198/3, 206/2, 206, 206/4, 206/1, 206/3 of Kanjirappally Village & Panchayat, Kanjirappally Taluk, Kottayam District, Kerala for an area of 4.9231 Ha. (Field Inspection Report received)

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

- a. EIA report and Public Hearing details
- b. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC
- c. Revised buffer area plan
- d. Site- specific drainage plan
- e. Specific plan for reuse of water
- f. Water quality assessment and maintenance
- g. Sediments test report & Source of minerals
- h. Solution for biological pollution of water
- i. Production revision
- j. Compensatory afforestation plan including the endemic species.

16. SIA/KL/MIN/166510/2020 , 1811/EC3/2020/SEIAA

Building Stone Mine (Quarry, Minor Mineral Mining) project of M/S Chattupara Granites Private Limited at Survey Nos.734/1B-32, 734/1B-34-3, 734/1B-34-4 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala in an area of 0.9700 hectares (Field Inspection Report received)

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

- a. Recent survey Sketch from the Village Officer indicating the houses and buildings within 200 metre radius.
- b. Submit the Plan for road development. Its cost to be included in the project cost.
- c. Undertaking that the top soil on the upper part of the hill will be protected.
- d. Protect the area above BP2-BP4 on the north west side of the site outside the buffer area by constructing gabion wall. (Slope mitigation measures)
- e. Submit compensatory afforestation plan.
- f. Affidavit stating that the top soil near BP7 will not be disturbed.
- g. Revise the CER Plan and include it in Form 1M.
- h. Proposal for biodiversity restoration for butterfly attraction should be site specific.
- i. Workout maximum creditable flood accident potential.
- j. Modified Form 1M considering the changes in the nearest houses
- k. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017- IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

17. SIA/KL/MIN/187395/2020 , 747/EC1/180/2015/SEIAA

Environment Clearance for Granite Building Stone Quarry of M/s A-One Sands Private Limited at Re Block No.23, Re survey No.452,441/1,441/2,435,440/1,440/2,436 of Muthalamada -I Village, Chittur Taluk, Palakkad District (Field Inspection Report received)

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

- a. A protective wall shall be constructed around the siltation pond of existing crusher unit-Affidavit to that effect to be submitted.
- b. Garland drainage map shall be modified by providing linkage to natural drain.
- c. Approach road to the project site shall be developed-Affidavit to be submitted.
- d. Clearance certificate from the National Board of Wildlife to be obtained and submitted.

- e. O.B dumping site must be identified and demarcated in the drainage map and submitted.

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

Environment clearance in respect of the Proposed Granite Building Stone Quarry over an extent of 0.7879 Hectares in Sy. No. 127 pt of Thrikkur Village, Mukundapuram Taluk, Thrissur District of Kerala State by M/S Alphonsa Granites- (Additional documents received)

Decision: Deferred for detailed scrutiny.

19. SIA/KL/MIN/45120/2019 , 1526/EC2/2019/SEIAA

Paralickad Granite building stone quarry of VJ Chacko, at Re-survey No. 153/7 over an extent of 0.9996 hectares situated in Wadakkanchery Village, Thalappilly Taluk Thrissur District (Field Inspection Report received)

Decision: The Committee discussed and accepted the Field Inspection Report and decided to direct the proponent to submit revalidated mining plan with detailed reserve estimation.

20. SIA/KL/MIN/45324/2019 , 1557/EC3/2019/SEIAA

Granite Building stone quarry of “Shri. Varghese Chakku At Re- Survey No:284,Block No.22 in Malayattoor Village, Aluva Taluk, Ernakulam District, Kerala State by Shri. Varghese Chakku (Additional Documents submitted)

Decision: Deferred for detailed scrutiny.

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

Proposed Granite Building Stone Quarry of Shri. Haridasan at Survey No: 488 in Vettathur village, Perinthalmanna Taluk, Malappuram District, Kerala for an extent of 7.7085 Ha (Field Inspection Report received)

Decision: The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following additional documents:

- a. As nearby areas witnessed landslides in recent years (may be due to human interventions), slope stability study report of the area by a reputed Geo Engineering Institute. Also a furnish a micro-level hazard zonation mapping report of the area by a reputed institute
- b. Letter from the concerned DFO about the distance from nearby forest to the project area.
- c. Copies of documents submitted as directed by the Director of Mining & Geology vide his order no 511/2020-21/10660/M3/2018/DMG dated 23-12-2020 (Legal heirship

Certificate, Possession Certificates and Consent letters of new heirs of late Smt Mymuna)

- d. Detailed Green belt development plan
- e. Revised EMP and budget (as suggested during field inspection)
- f. Revised project cost incorporating revised EMP budget
- g. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017- IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- h. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- i. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- j. Biodiversity summary in tabular form
- k. Detailed water level measurement data of nearby open wells with geo coordinates.

22. SIA/KL/MIN/92227/2019 , 1215/EC2/2019/SEIAA

Proposed Granite (Building Stone) Quarry of Mr. Mohammed , K.K. with lease at Survey No. 459 & 457/13in Kavanur Village, Ernad Taluk, Malappuram District, Kerala for an extent of 2.1315 Ha (Field Inspection Report received) (Complaint received from Smt.Amina Kanayangodan, Shri.Ummer Kanayangodan &Smt. Ayishabi.C)

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

- a. Compensatory afforestation Plan
- b. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

23. SIA/KL/MIS/142842/2020 , 1741/EC3/2020/SEIAA

Environmental Clearance of the proposed Residential Building Project 'Jains Marine Bay' at Re. Survey No. 281/7-2,280/5-2,280/4,281/8-2,281/5-2,281/73,280/83,281/13,280/32,280/2,281/3,281/4, 281/22,281/114,281/93,

281/152,281/162,280/7, 281/1,281/18,281/12,281/19,281/6-2,280/6 at Mulavukad Village, Kanayannur Taluk, Ernakulam District' (Field Inspection Report received)

Decision: The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following additional documents:

- a. Details of Tertiary Treatment Unit proposed, with pre-treatment facilities such as, PSF and PCF (in continuation to the primary and secondary type of treatment of sewage with modified type of ASP), for establishing 98 KLD STP, in order to ensure quality of treated water, fit for re-use /recycle for flushing / gardening/ fire fighting / HVAC make up water / recharge of local ground water.
- b. Provide a plan for treatment of biodegradable waste, as the capacity or the number of BIOBIN proposed is not adequate for treating biodegradable waste generated in the unit.
- c. Propose sufficient covered on-site storage area, for non-degradable waste generated for atleast 30 days and provide additional space for storage of Hazardous Waste and E- waste.
- d. Earmark a convenient location in the site plan, with sufficient covered storage space, for non-degradable solid waste (dry waste), least 30 days storage space, storage space for hazardous waste and E –Waste for ensuring hygienic storage and with plan for periodical handing over of the same to Recyclers/ Local body/Vendors.
- e. Provide a storm water drainage plan of the area, considering soil filling of project area with more than 0.50 m height, and considering the levels of the adjoining areas.
- f. Submit a Plan for energy conservation or anticipated power savings through usage of energy saving of 5 star rating equipment such as Solar Geyser and LED lamps.
- g. Certificate from competent authority that the site is not falling within CRZ restrictions, as the area is situated in an Island land, with water body nearby on two sides.
- h. Certificate from competent authority that construction of building at the project site is allowable, as the site is situated near to Mangala Vanam , Ernakulam.
- i. Give details of pumping test conducted, in the available Bore well at the proposed site, for knowing yield, zone of influence of well and aquifer response, while pumping.
- j. Details / Plan/ Undertaking for establishing two line plumbing system, for ensuring reuse of treated waste water for flushing and use of water efficient/conserving plumbing system.
- k. Undertaking that action will be taken for ensuring to plan a climate responsive design as per Green Building Guidelines and that the exposed roof area and covered parking will be covered with material having high solar reflective index.
- l. A properly designed Plan for planting of local species of trees including Fruit Bearing Trees in the Green Belt area / open space, compensatory afforestation area/ children play area, including avenue plantations. Also an undertaking that vegetation will be

provided appropriately on the ground, over built structure such as roofs, basements, podiums etc, to the maximum extent possible. This may be prepared with the help of experts.

- m. Proposal for planting Mangrove associate species in the nearby areas.
- n. Undertaking that action will be taken for ensuring that the building design will cater to the differently-abled citizens.
- o. Undertaking that action will be taken for ensuring that the design of the building will be done in compliance to Energy Building Code as applicable.
- p. Revise the CER Plan after conducting a more detailed study on the needs of the locality. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

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

1. SIA/KL/MIN/170676/2020 , 147/SEIAA/EC4/2748/2013

Building Stone (Minor Mineral) Mining Project of M/S Aswathy Granites Pvt. Ltd. at Survey No. 111/3pt, 110/8,112/4, 111/4pt, 111/5pt, 113/2, 112/5,112/1- 1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 of Koodal Village, Kalanjoor Panchayat, Konni Taluk, Pathanamthitta District, Kerala(Field Inspection Report received)

Decision: Deferred for detailed scrutiny.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/38577/2019 , 1402/EC2/2019/SEIAA

Environmental Clearance for the Amala Granite Building Stone Quarry (2.4929 Ha) in resurvey numbers Re - Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) Parlikkad Village, Thalappilly Taluk, Thrissur District, Kerala (Field Inspection Report received)

Decision: The Committee discussed the Field Inspection Report received and decided to direct the proponent to submit revalidated mining plan with detailed mineable reserve estimation.

2. SIA/KL/MIN/39525/2019 , 1411/EC1/2019/SEIAA

Granite building stone quarry of Shri. Hussain situated at Re.Survey. No.19/2 of Village- Koodathayi, Taluk – Thamarassery, District – Kozhikode, Kerala over an area of 0.2068 Ha (Field Inspection Report received).

Decision: The Committee discussed the Field Inspection Report and decided to reject the proposal since the material for mining as proposed in the mining plan is mostly extracted unauthorizedly including from the portion of the buffer zone at places. Therefore, the application cannot be proceeded and the same should be informed to the Department of Mining and Geology.

OUT OF AGENDA

1. SIA/KL/MIN/151675/2020,1709/EC6/2020/SEIAA

Environmental Clearance for the Building stone quarry project in Re- Sy. Nos. 26/9, 26/13, 26/10 & 26/11 of Wadakkanchery Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 1.937 Ha. by M/S Peacock Rock Products.

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

- a. Drainage Plan
- b. Compensatory afforestation plan with native Species existed in the quarry site.
- c. Proof of the application submitted for the permission from the National Board for Wildlife.
- d. Detailed Project Report on the Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017- IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- e. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- f. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- g. Monitoring well details
- h. Compensatory afforestation plan
- i. Biodiversity summary in tabular form
- j. Detailed water level measurement data of nearby open wells with geo coordinates
- k. The proponent should satisfy the distance criteria of buildings as per existing rules.

- l. The garland drain is planned without considering the old quarry pit. Redraw the drainage plan according to the existing pit and submit.
- m. A suitable place is to be demarcated to dump the overburden materials and shown in the drainage plan.
- n. Considering the lack of space for greening the buffer along North eastern part of the project area, a compensatory afforestation to be done and a plan to be prepared and submitted.
- o. Photograph of the proposed afforestation site with geo-codes must be provided.

GENERAL DECISION:

The Committee decided to recommend to the SEIAA to take final decision in respect of the revalidation of EC proposals considering the legal aspects also, wherever necessary.

It is decided to convene the next meeting of SEAC during 24-27, August, 2021.

The meeting ended at 3.30 pm on 30th July, 2021 with a vote of thanks to the Chair.

Sd/-
Dr. C. Bhaskaran
Chairman, SEAC

Sd/-
Suneel Pamidi, IFS
Secretary, SEAC

List of members attending the SEAC meeting on 27.07.2021

1	Dr.R.Ajayakumar Varma	7	Dr.S.Sreekumar
2	Shri.K.Krishna Panicker	8	Dr.A.V.Raghu
3	Shri.M.Dileepkumar	9	Dr.P.S.Easa
4	Shri.G.Sankar		
5	Dr.N.Ajithkumar		
6	Smt.Beena Govindan		

List of members attending the SEAC meeting on 28.07.2021

1	Dr.R.Ajayakumar Varma	7	Dr.S.Sreekumar
2	Shri.K.Krishna Panicker	8	Dr.N.Anilkumar
3	Shri.M.Dileepkumar	9	Dr.P.S.Easa

4	Shri.G.Sankar	10	Dr.A.V.Raghu
5	Dr.N.Ajithkumar		
6	Smt.Beena Govindan		

List of members attending the SEAC meeting on 29.07.2021

1	Dr.R.Ajayakumar Varma	7	Dr.S.Sreekumar
2	Shri.K.Krishna Panicker	8	Dr.N.Anilkumar
3	Shri.M.Dileepkumar	9	Dr.P.S.Easa
4	Shri.G.Sankar		
5	Dr.A.V.Raghu		
6	Smt.Beena Govindan		

List of members attending the SEAC meeting on 30.07.2021

1	Dr.R.Ajayakumar Varma	7	Dr.S.Sreekumar
2	Shri.K.Krishna Panicker	8	Dr.N.Anilkumar
3	Shri.M.Dileepkumar	9	Dr.P.S.Easa
4	Shri.G.Sankar		
5	Dr.A.V.Raghu		
6	Smt.Beena Govindan		