**MINUTES OF THE 110th MEETING OF SEAC, KERALA HELD ON**

**11th& 12th FEBRUARY, 2020AT THE CONFERENCE HALL,**

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM**

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

**Item No.110.01 Minutes of the 109th SEAC meeting held on 31st January & 1st February, 2020**

Noted

**Item No.110.02 Minutes of the 101st SEIAA meeting held on 17th& 18th January,2020**

Noted

**Item No.110.03 Presentation and Discussion of PARIVESH files**

The Committee appraised the proposals in PARIVESH portal.

**Item No.110.04 Application for Environmental Clearance for the proposed expansion of Quarry project at Re-survey Nos.462/01, 462/01-2, 462/02, 465/01, 465/04, 465/04-2, 465/05, 481/01-2, 481/01-1, 482/02, 482/02-2, 482/02-3, 482/04, 482/05, 482/06, 483/03, 483/04, (Patta Land), 464, 465/03, 465/08, 482/01, 482/03, (Govt. Land) in Block No.50, Kummil Village, KottarakkaraTaluk, Kollam District, Kerala by Mr.Harish.G.Nair, Managing Partner, M/s H & P Granites. (File No. 1210 (A)/EC2/2019/SEIAA)**

**Decision:**The proponent was present. The RQP made the presentation. The proponent is directed to submit a written statement regarding the issues raised in the complaint against the proposed quarry.The evaluation of the EIA report submitted was discussed and questions were raised for clarification. The Committee observed that it is necessary to rework the project cost. The CER has also to be modified and submitted with letters from the proposed beneficiaries.

The Committee entrusted Dr.P.S.Easa and Shri.K.KrishnaPanickerfor field inspection.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item No.110.05 Environmental Clearance for the Proposed Expansion of Residential cum Commercial unit- “VKL Towers” in Re-survey No.181/14, 181/14-1, 181/14-2, 181/14-3, 181/14-4, 181/14-5, 181/10, 181/10-1, 181/10-2, 181/18, of Attipra village, ThiruvanathapuramTaluk, Thiruvanathapuram District, Kerala by Mr. Shaji.K.Mathew, Director, M/s K V Apartments Pvt. Ltd. (File No. 1228/EC2/2019/SEIAA)**

**Decision:** Now the proponent had admitted that the area already constructed is 20,554.18 m2.As the area exceeds 20,000 m2, the proponent ought to have secured EC before starting construction.So it falls under violation category. This requires to be brought to the notice of SEIAA for initiating violation proceedings in this regard.

**Item No.110.06 Environmental clearance for the proposed quarry project in Survey No. 149/1A1A1 in Anakkara Village, PattambiTaluk, Palakkad District, Kerala by Mr. Mohanan.V., Managing Partner, M/s Kumbidi Granites (File No**. **1268/EC2/2019/SEIAA)**

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

1. *Retaining wall with appropriate height must be constructed to prevent theoverburden material from mixing with the water in storagepond.*

**Item No.110.07 Application for ToR for the proposed Building stone quarry in Re.Sy.No. 85/2, 86/1, 86/2 of Keralasseri Village, Palakkad Taluk, Palakkad District by Dr.Abraham Sebastian, Proprietor, M/s Nayampadam Granites (File No**. **1406/EC2/2019/SEIAA)**

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

1.Revise CER considering the revised project cost. The CER should have implementable action plans for the adjacent areas, monitorable targets etc and letter from the proposed beneficiaries should also be submitted.

1. Viability Survey Report with respect to transport of quarrying materials has to be submitted.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item No.110.08 Application for ToR for the proposed building stone quarry project in Sy.No.29/2, 29/3 & 30/4 of Thekkada Village & Survey Nos., 470,472/4/1, 474/1, ½, 472/5, 472/6,469/4/3/4, 469/4/3/3, 469/4/2, 469/4/1/1, 469/4/1/2, 469/4/1/3 & 469/4 of Manickal village, NedumangadTaluk, Thiruvanathapuram District, Kerala by Mr.RaghunathKunju Krishnan, Director, M/s Covenant stones Pvt. Ltd. (File No. 1422/EC1/2019/SEIAA)**

**Decision:**The Committee found that the issues mentioned by the complainant,Shri.SakeerHussain,A. are pertinent and factual as ascertained by perusing the connected files. The Committee decided to bring this to the notice of SEIAA for further action.

Item No.110*.09*Environmental clearance for the Proposed Mining of heavy mineral sand in Chavara (Block-19) ResurveyNos. 29, 30, 31, 32, 33, 38, 39, 46,47,48,53,56,57,63,64,65,66,67,68,70,71,72,73,74,75,76,77,78,79,80,81,82,86,87,88,89,90,91,92,93,94,97,120,121,122,123,124,125,126,127,129,147,148,149,151,152,153,154,NeendakaraReSurvey No.(Block22) 18, 19, 20, 21, 22, 23, 24, 25, 26,27,28 at Neendakara and Chavara village, KarunagappallyTaluk, Kollam District,by M/s Indian Rare Earth Ltd.(File No. 931/A1/2019/SEIAA)

**Decision:**Since the EC is sought for an area greater than 50 ha, the proposal falls under Category A. The proponent has to explain this to the SEIAA.

**Item No.110.10 Environmental clearance for the Proposed Mining of heavy mineral sand in Neendakara (Block-22)Re survey Nos. 1 to 3,21/1 to 21/6,21/12,22/1 to 22/6,23/1 to 23/3,24/1 to 24/6,46 to 52,92 to 101 and the sea purampoke bounding west of Neendakara village,Block-22 containing an area of 55.53 Acres,Chavara(Block19):Re survey Nos.25,26 to 29,33 to 37,40 to 46,49 to 52,54 to 56 at Thekkumbhagam (Neendakara) and Chavara village, KarunagappallyTaluk, Kollam District,by M/s Indian Rare Earth Ltd. (File No. 932/A1/2019/SEIAA)**

**Decision:**Since the EC is sought for an area greater than 50 ha, the proposal falls under Category A. The proponent has to explain this to the SEIAA.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item 110.11 Application for Environmental Clearance for granite building stone quarry in Survey No179/3-3,179/3-4,221/1,221/6,221/6-1 in Manimala village, KanjirapallyTaluk, kottayam District No 2430/EC2 /2019/SEIAA**

**Decision:**The Committee entrustedDr.N.Ajith Kumar &Dr.S.Sreekumarfor field inspection.

**Item No. 110.12 Application for Terms of Reference for prior clearance for the dredging and desilting as Part of JaivaVipin Project by Kerala Land Development CorporationLtd. (File No. 1404/EC2/2019/SEIAA)**

**Decision:**KLDC may be informed that dredging and desilting of dams, reservoirs, barrages, rivers, channels etc., for the purpose of their maintenance, upkeep and disaster management has been exempted from obtaining EC and that as the project proponent has informed that the project activity involves dredging of canals and backwaters for their maintenance purpose, no EC is required for the purposed activity vide notification No.S.O.141(E) dated 15.01.2016. This may be communicated to the SEIAA.

**Item 110.13 Environmental clearance for the Proposed Mining of heavy mineral sand in Re survey Nos. 81/3 to81/4,81/7 to81/13, 82,83,84/1to84/14,85to 93,122to126,127/1to 127/4,127/7to 127/13,128, 129/1,129/4to129/16,139/1 to139/5,139/9,139/10,140 to142,143/1to143/3,143/6 to143/10,151/1,151/2,152, 153,168 at Alappad Village and 1,,2/1,2/8to2/18,5/1to5/4 at Panmana village, KarunagappallyTaluk, Kollam District, by M/s Indian Rare Earth Ltd. (File No. 610/SEIAA/KL/4639/2014)**

**Decision:**As per the mining plan, mining is proposed in an area of 40.566 ha. Hence, it is assessed under category B projects.As per the observation made by the Hon’bleHigh Court in WP (C) 33501/19, the subcommittee of SEAC has received the complaint and appraised the matter to the SEIAA.It is for the SEIAA to consider further action in this matter.

The Committee decided to request the SEIAA to make available a copy of the report of the Commission constituted by the Govt.of Kerala in this regard for detailed study and report.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item No.110.14 Environmental clearance for the quarry project at Mankode Village, KottarakkaraTaluk, Kollam District, Kerala by Sri. R. Madhoosudanan Nair for M/s. Chithara Crushers Metals - Judgment dated 16.12.2019 in WP©34584 OF 2017-Appeal Reg**

**(File No. 812/EC3/2477/SEIAA/2015)**

**Decision:** The Committee after perusal of the files and the judgement in WP© 34584/2017, decided to communicate the following observation to the SEIAA:

As per the existing guidelines of EIA, the petitioner has to apply for ToR as a prelude to application for EC, since the area proposed to be mined is 10.31 ha.In the absence of such an application for ToR, SEAC is not in a position to appraise the proposal further.

**Item No.110.15 Environmental Clearance for the proposed granite building stone quarry project in Survey No. 8/9, in Alakkod Village, ThodupuzhaTaluk, Idukki District, KeralabyMr.U.I.John, Managing Partner, M/s Marthoma Granites (File No**. **1413(A)/EC1/2019/SEIAA)**

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

1. The mining was done in the land from 2008 to 2015 with a mine lease issued by the Mining and Geology Department, Govt. of Kerala for permitted production of 20,000 TPA. The proposed production in the current application is 1,75,000 TPA. It amounts to very high magnitude and intensive activities in the project site and also in the adjoining areas. The cumulative impact with respect to dust emission and sound pressure level will be very high. The traffic density in the roads adjoining will increase manifold. At present, the width of the roads near the project area is not adequate/ suitable for high volume of traffic. Though dispersion modelling studies and detailed traffic study have been done by the proponent, it is not clear as to the magnitude of impact with respect to these and how the traffic will be handled. Therefore, a detailed presentation from the proponent to clarify these points is required.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

1. Drainage plan shown in the map is not matching with the filed situation. Therefore, the overland flow management and drainage structures may be replanned and depicted in the drainage map. Detailed analysis of the water resource situation, particularly on groundwater level and availability near the project area and its adequacy to meet the project requirement may be called for.
2. The project cost may be made more realistic considering fair value of land, infrastructure cost, operational cost etc.The one-time investment required on account of environment management should be added to the project cost and CER should be revised accordingly.
3. It is stated that 600 trees will be planted and medicinal garden developed. But no sketch as to where it will be developed is not found given. The clarifications on this from the proponent is required.
4. As per the Judgment of the Green Tribunal in O.ANo.168 of 2015, M/sMarthoma Granites have to pay10% of their Annual Turnover for a period of 8years to the Pollution Control Board, under “Environmental Protection Fund Idukki”. It is stated that the proponent paid Rs. 25,85,162/ - towards this. The amount is arrived at based on a third party audit by Chartered Accountant. It is stated that the Mining & Geology Department has accepted the third party audit. But no such document is produced by the proponent. Clarification on this from the proponent is required.
5. It has been submitted in the EIA report that the proponent will spend an amount of Rs.72.70 lakh on account of Remediation, Natural Resource & Community Augmentation Plan for 3 years. A bank guarantee for an amount of Rs. 72.70 lakh will be submitted to the Kerala State Pollution Control Board. But more clarity is needed as to how the amount is arrived at. Therefore, the proponent has to clarify these details in person before the SEAC.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

1. Since there is a major irrigation scheme near the impact zone of the project, it is desirable to know whether there are any irrigation structures within 1km distance of the project core zone. The proponent has to clarify this.
2. District Mineral Survey Report has to be submitted by the proponent as required vide Specific ToR.

The Committee also decided to invite the proponent for hearing after the documents are submitted.

**Item No.110.16 Application for ToR for the proposed quarry project in Survey No. 80/3, 80/3, 80/5A, 80/1A2, 80/1A2, 80/1A3, 80/1A1, 80/1A2 of Palakkuzha Village, MuvattupuzhaTaluk, Ernakulam District, by Shri. A. J. Babu. (File No. 1317/EC2/2019/SEIAA)**

**Decision:** The Committee ratified the change of Subcommittee for field inspection. The Committee decided to direct the proponent to submit the following documents/details:

1). Revised land use map of 500m radius outside project area.

2). Revise EMP cost considering real requirement of green belt development and transportation cost of water during summer season as practically no water will be available within project area and high dust possibility due to simultaneous functioning of quarry and crusher units.

3). Revise project cost considering fair value of land, cost of infrastructure etc., and revised EMP cost.

4). Revise CSR/CER proposal to benefit the surrounding environment of project area and people living there. Proposal must be quantified for real time monitoring.

5). More SSTs must be provided in the drainage considering dust generation due to functioning of crusher units.

6). Map showing rainwater run off connecting to the nearest natural drainage/ stream.

7). Boundary Pillars must be properly fixed using concrete mix.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

8).The operation of crushers, the existing quarries and the proposed one will generate seismic waves and ground vibrations. When all the three sources are operated simultaneously, there is a possibility of amplification of the wave form as well as the frequency of ground vibration, which will be detrimental to the nearby structures. Therefore, a signed tri-partiteagreement should be submitted on the time allocation of crusher operation and blasting so that only one source will impact at a time.

**Item No. 110.17 Environmental Clearance for the expansion of the existing Hospital campus Project by M/s Kunhitharuvai Memorial Charitable Trust (KMCT) in Sy Nos. 39/3A, 2, 39/1, 2, 4, 44/1, 2, 4, 78, 42/2, 43/2, 43/1A, 101/1A, 43/1B, 2B, 102/1, 47/1, 101/2C, 2B, 102/2, 49/2A, 101/2A, 39/3, 39/3B, 49/1B, 30/1 at Thazhakkode Village, Mukkom Municipality, Kozhikode Taluk& District Kerala by Dr.Navas.K.M Trustee &Authorised Signatory of KMCT Medical College Campus, Manassery, Mukkam, Kozhikode, Kerala (File No.1157/EC/SEIAA/2017)**

**Decision:**The project proponent claims that the following constructions (Table given below) are exempted from obtaining prior EC as per S.O 3252 (E) dated 22-12-2014 of MoEF. But no retrospective effect is given in the said order. All constructionswere started in between 2008 and 2013 during which period EC was mandatory for the constructions with the total area exceeding 20,000 sq. m. So the Committee decided to seek legal opinion from the Legal Officer of SEIAA. If the said order is not applicable in the present case, the proponent has to be treated as a violation project and the proponent has to be directed to follow the procedure for violation projects.

**Table**EDUCATIONAL INSTITUTIONS AND HOSTELS (EXISTING BUILDINGS IN THE CAMPUS) CONSTRUCTED AFTER 14-09-2006 (AFTER EIA NOTIFICATION**)**

| **S.N.** | **Name of Building** | **Built-up area as per building permit (in sq.m.)** | **Built-up area as built (in sq.m.)** | **Date of start of construction** |
| --- | --- | --- | --- | --- |
|  | Ayurveda College | 3768.40 | 3768.40 | 23-07-2008 |
|  | Phase-2 of Pharmacy College | 5689.88 | 5689.88 | 12-08-2008 |
|  | Medical College | 21763.74 | 21763.74 | 22-01-2010 |
|  | Accommodation attached to Educational Institution | 1934.06 | 1934.06 | 26-02-2010 |
|  | Ladies Hostel-2 | 2556.86 | 2556.86 | 26-02-2010 |
|  | Ladies Hostel -3 | 2084.56 | 2084.56 | 26-02-2010 |
|  | Nursing College & School | 5472.07 | 5472.07 | 01-04-2010 |
|  | Dental College | 4155.10 | 4155.10 | 23-02-2012 |
|  | Architecture College | 276.96 | 276.96 | - |

**Total 47,701.63 sq.m.**

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item No.110.18 Application for Environmental Clearance for the proposed Granite Building Stone quarry project in Survey No. 82,76 and 1 of Kottur Village, KoyilandyTaluk, Kozhikode District, Kerala over an area of 4.811 ha.byMr. Thomas Philip (File No. 2340/A1/2019/SEIAA)**

**Decision:**The Committee discussed the Field Inspection Report in this regard and directed the proponent to conduct an EIA study covering the impact of the proposed project on ground water, hydrology, biodiversity etc. The study should cover 500 m around the proposed mining area. The land use and land cover maps have also to be submitted.

**ItemNo.110.19 Application for environmental clearance for mining of Ordinary Earth in Sy.No.2788/1 at PeechiVillage,ThrissurTaluk,Thrissur District by Sri.A.G.John [File No.2983/EC4/2019/SEIAA]**

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

1. Depth of mining to be limited to 2 m
2. Total mined earth should not exceed 4,000 m3.

**Item No.110.20 WP (C) No.9656/2019 filed by Sri.Unnikrishnan. K.P (File No.4429/A2/2019/SEIAA)**

**Decision:**The Committee entrusted Dr.P.S.Easa and Shri.K.KrishnaPanicker to conduct field inspection. However, the field inspection report can be given for consideration of SEIAA only after SEAC has approved it.Therefore, SEIAA is requested to seek extension of time with reference of WP(c) No.9656/2019.

**Item No. 110.21 Environmental Clearance for the Proposed Mixed use Township Development Project ‘Landmark Trade Centre’ in Survey Nos. 27/1, 30/4c, 31/4, 7, 8, 9, 32/4, 351b of Pantheerankavu Village, Kozhikode Taluk& Kozhikode District, Kerala by Mr. Anwar Sadath, Director, M/s Calicut Landmark Builders & Developers (India) Pvt. Ltd (File No. 1193/EC2/2018/SEIAA)**

**Decision:**The Subcommittee consisting of Shri.K.KrishnaPanicker and Dr.A.V.Raghu is entrusted to conduct the field inspection and monitor the compliance of the conditions of the EC.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**Item No.110.22 Environmental Clearance for the proposed Building stone Quarry project Survey No: 524/2, in Kavanur Village, EranadTaluk, Malappuram District, Kerala State** .**by Mr. Abdul Salam K.T (File No**. **1245/EC2/2019/SEIAA)**

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

1. Border Pillars are to be marked with geo-coordinates and photographs submitted.
2. Modify the drainage run off plan showing the ultimate end. More silt traps to be included in appropriate places.
3. Recent non-cluster certificate needs to be submitted.
4. Biodiversity assessment needs to be reworked showing details in the buffer and the rest of the areas.
5. Locate the site in landslide hazard zonation map and submit.
6. CER to be reworked with year - wise break up.Project cost is to be reworked.

It was decided to have the next meeting of SEAC on 12th& 13th March, 2020.

The meeting ended with the vote of thanks to the Chair.

**Mir Mohammed Ali, I.A.S Dr.C.Bhaskaran**

**Secretary Chairman**

**List of members present on 11.02.2020**

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| --- | --- | --- | --- |
| 1. | Shri.V.N.Jithendran | 5. | Dr. A.V.Raghu |
| 2. | Smt.BeenaGovindan | 6. | Shri.M.Dileep Kumar |
| 3. | Dr. P.S.Easa | 7. | Dr.R.AjayakumarVarma  8. Shri.K.KrishnaPanicker |
| 4. | Dr.G.Sankar |  |  |
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**List of members present on 12.02.2020**

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