

**APPROVED MINUTES OF THE 14<sup>TH</sup> MEETING OF THE  
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY  
(SEIAA) KERALA HELD ON 22.01.2013 AT THE  
DIRECTORATE OF ENVIRONMENT AND CLIMATE CHANGE**

The following persons were present:

1. Dr. A.E. Muthunayagam - Chairman, SEIAA  
Former Secretary to Government of India
2. Dr. K.P. Joy - Member, SEIAA  
Former Director, School of Environmental Studies  
of M.G. University and Kannur University
3. Shri. James Varghese IAS  
Principal Secretary to Government  
Environment, Ports & Fisheries Department  
Govt. of Kerala - Member Secretary, SEIAA
4. Sri. P. Sreekantan Nair  
Director, Department of Environment  
& Climate Change, Govt. of Kerala - Secretary, SEAC (special invitee)

The meeting was chaired by Dr. A.E. Muthunayagam. He welcomed all the members. The Authority discussed the agenda items one by one and took the following decisions:

**Item No. KLA/14. 01                      Remarks by Chairman and Members of SEIAA**

SEIAA decided to have their discussions in two parts – one exclusively dealing with the internal administrative matters and the other relating to SEIAA functions, associated with Environmental Clearances which alone shall be in public domain.

SEIAA observed that the EIA notification 2006, under section 7 “On Stages in Prior Environment Clearance Process”, under IV Stage (4) - “Appraisal” states that Appraisal means the detailed scrutiny by EAC/SEAC of the application and other documents. On conclusion of this proceeding, EAC/SEAC concerned shall make categorical recommendations to the regulatory authority concerned. SEIAA did not agree with the view of SEAC that the detailed minutes (at different times) is the appraisal report. SEIAA directed that SEAC should submit appraisal report (recommendations) for all proposals referred to it for appraisal, based on SEAC deliberations and decisions in different meeting. Further SEIAA pointed out that SEAC cannot

exceed the stipulated 60 days for the entire process of appraisal. Hence SEIAA did not agree to any delay due to the action plan proposed by SEAC for appraisal reports.

SEIAA expressed its view that Project cost along with financial statement including funding source and details of insurance etc. is relevant for processing the proposals for EC. And did not agree with the opinion of SEAC.

The Authority also raised concern on the Compliance of Corporate Social Responsibility by the proponent and hence decided to ask for assurance from the proponent regarding the same before stipulating them as a specific condition in EC.

In the 13<sup>th</sup> SEIAA meeting, it was observed that some of the proposals recommended by SEAC for grant of EC had stipulated supply of additional documents / clarifications by project proponents. SEIAA had proposed an ad-hoc expert committee, if required, for providing expert opinions to SEIAA on technical matters with experts drawn from among the SEAC members. This is an ad-hoc expert committee and not a sub committee of SEAC and it is to address specific technical issues with the selected experts in SEAC and not the entire SEAC. SEAC has misunderstood the plans and actions of SEIAA and come with a proposal to address all such cases as regular agenda items in SEAC meetings. SEIAA studied the views of SEAC and did not agree with the proposal of SEAC. After discussions SEIAA decided that additional all inputs received from Project proponents on the proposals recommended by SEAC for EC shall be received by SEIAA secretariat and scrutinised in consultation with specific experts from SEAC and outside, if required and recommendations shall be submitted to SEIAA for decision and further directions.

SEIAA noted the explanation received by SEAC that the quantity of water required during operations in quarries shall remain nearly same irrespective of the production capacity in the quarry since water is used only by the workers whose numbers remain the same.

SEIAA pointed out that the effective date of receipt of application for EC shall be the date when Secretariat of SEIAA receives the application and the related documents as stipulated in the EIA notification. SEIAA directed that the existing check list may be modified if necessary to include all relevant inputs. SEIAA secretariat shall scrutinise all applications based on the checklist and ask the project proponent to supply the missing documents within a stipulated time failing which the application shall be rejected at the level of Secretariat itself. Only the applications meeting all requirements should be assigned a file number and processed further.

SEIAA also decided to adhere to its earlier decision to have the SEIAA meetings on Fridays preceding Third Saturday of every month with additional sittings, if required.

As a special case, SEIAA also decided to proceed with the agenda notes submitted by Member Secretary SEAC with a condition that in future Appraisal reports from SEAC shall be presented in the agenda notes of SEIAA meeting in the format already directed by SEIAA.

**Item No. KLA/14. 02**

Confirmation of the minutes of 13<sup>th</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA) Kerala

Confirmed the approved minutes given in Annexure 1.

**Item No. KLA/14. 03**

**Action taken report on the decisions of the 13<sup>th</sup> SEIAA Meeting**

Noted the report on actions taken. It is decided that a separate file shall be maintained with details of the action taken in each SEIAA meeting, since the presentation in the meeting is very brief and in a tabular form.

SEIAA noted that the action taken to deploy supporting staff to the SEIAA secretariat is far from satisfactory, in spite of the concerns expressed by SEIAA. Chairman requested Member Secretary of SEIAA to arrange a meeting with Minister in Charge of Environment Ministry in the Government of Kerala to brief about the activities of SEIAA and seek a solution to the existing manpower difficulties.

**Item No. KLA/14. 04**

**Application for obtaining environmental clearance for the proposed construction of Residential Project at Village Attipra, District Thiruvananthapuram, Kerala in Sy. Nos. 526/7, 526/16, 526/1-1, 526/1, 526/20, 526/21, 526/19, 526/6, 525/15, 525/14, 525/14-1, 544/1-1, 525/2-1-1, 544/1, 526/27 and 526/28 by M/s Muthoot Estate Investments (File No. 17/SEIAA/KL/630/2012)**

After detailed discussions on the proposal and analyzing the recommendations of SEAC the proposal is **approved for issuance of Environmental Clearance** stipulating the following specific conditions:

1. Local datum as given in the NOC of Airports Authority of India shall be binding on the project proponent.
2. Storm water from the plot must be directed to percolation ponds after clarification.
3. Silt fencing should be given during construction phase so as to avoid possible down slope movement of mud and other material during the rains and siltation of nearby lake.
4. Green architecture should be followed as far as possible.
5. Solid waste generated shall be used in situ for horticultural purposes.
6. Entire rain water falling in the area should be collected in the RWH unit.
7. Measures to recharge the ground water so as to avoid depletion of ground water table shall be evolved and got approved by SEAC before initiating the project activities.

**Item No. KLA/14. 05**

**Application for environmental clearance for the proposed Shopping Mall cum Hotel Project in Re-Survey No. 132/2, 132/3, 132/4, 132/13, 132/15 and 132/16, Resurvey Block No. 13, Thandapar No. 13662, at Maradu Desham, Maradu Village, Kanayannoor Taluk, Maradu Municipality, Ward No. 6, Ernakulam district by M/s Kool Home Builders (File No.31/SEIAA/KL/3044/2012)**

The proposal was examined in detail based on the recommendations of SEAC and the discussions thereafter. The proposal is **approved for issuance of environmental clearance** stipulating the following specific conditions:

1. Adequate reinforcement shall be provided to prevent slumping of material and floor of clayey material to the adjacent plot during excavation.
2. The height of the building should be limited to the conditions specified by Southern Naval Command.
3. No treated water should be left outside from STP so that zero discharge is ensured.
4. The entire structure should be elevated by 2 m in order to avoid water logging at proposed car parking area suggested below ground level.
5. Use of reflective glasses for decorative purposes should not exceed 40% of the total area.

**Item No. KLA/14. 06**

**Application for obtaining environmental clearance for the proposed construction of Mall of Travancore at Pettah Village, Fort Zone, Thiruvananthapuram District, Kerala State, in Sy. Nos. 508/1-1, 508, 508/1, 507/1, 506/2, 506/1, 511/2, 511/1, 511/3, 511/4, 511, 507/2-3, 507/2-1, 507/2-3-1, 507/2-4, 507/2, 510/1, 509/1, 510/2, 510/3, 510/4, 512/2-1, 512/2-2, 512/1-2, 507/2-2 by M/s Malabar Commercial Plaza (P) Ltd. (File No. 22/SEIAA/KL/956/2012)**

The proposal was discussed in detail. The Authority noted that KCZMA has recommended the proposal for CRZ clearance vide letter no. 976/A3/12/KCZMA/S&TD dt. 29.11.2012. The proposal is **approved for issuance of integrated CRZ cum environmental clearance** stipulating the following specific conditions:

1. Overexploitation of ground water should be avoided so that saline water intrusion does not occur.
2. Green belt development to be provided selecting the species suited to the locality.
3. Rainwater collection tank of capacity of 1,15,000 m<sup>3</sup> to cater the entire water requirements of the project to be provided.
4. Should provide percolation pits in the site, as far as possible so as to direct all the storm water into these.

5. No untreated wastewater shall be let into the canal / public drain and that the discharge from the STP should be recycled.
6. Tube wells and bore wells should not be constructed.
7. Open well of minimum diameter of 5 m should be provided.

**Item No. KLA/14. 07**

**Application for environmental clearance for the Proposed Commercial Project, PRESTIGE TMS SQUARE, in Survey Nos. 153/11A, 153/11B, 153/12A and 153/12B at Edapally South Village, Kanayannur Taluk, Ernakulam District, Kerala by M/s South Asian Plywood Mills (P) Ltd. (File No. 30/SEIAA/KL/2967/2012)**

The proposal was examined in detail based on the recommendations of SEAC and the discussions thereafter. The proposal is **approved for issuance of environmental clearance** stipulating the following specific conditions:

1. Should provide rain water harvesting unit with total capacity to at least 1000 KL.
2. The lower basement floor should be avoided and a mechanized system for car parking shall be adopted.
3. Periodical pollution monitoring shall be done.
4. Green architecture with less than 40% decorative glasses should be provided.
5. After commissioning of the STP, the secondary requirements like flushing, gardening, DG cooling and make up of cooling towers should be with treated water of STP.
6. Roof rain water should be used for domestic purposes after necessary treatment attaining potable standards.
7. STP should be provided with sequential batch reactor with ultra filtration technology.
8. Debris generated should be used back within the site for road formation.
9. Pavement water should be used for non-drinking purposes.

**Item No. KLA/14. 08**

**Application for environmental clearance for the proposed building stone quarry project in Survey Nos. 446/1 (P) & 446/2 (P) at Kottangal Village, Mallapally Taluk, Pathanamthitta District, Kerala by M/s Amity Rock Products Pvt. Ltd. (File No. 59/SEIAA/KL/7644/2012)**

SEIAA examined the redrafted proposal and the following are noted.

- The project comes under Activity 1(a) in the Schedule of EIA Notification 2006 and since it is below 5 hectares, it comes under B2 category.
- The proposed project site falls within 9°26'45.36'' to 9°26'50.87''N and 76°45'20.91'' to 76°45'25.29''E.
- The proposed project is to carry out building stone quarry operation with a proposed production capacity of 40000 tonnes. The anticipated life of the quarry will be 5 years.

- The proved reserves are estimated to be 4,43,000 tonnes only and for all practical purposes 1,84,000 tonnes of reserves can be exploited.
- The proposed project does not involve any underground mining activities.
- The mining will be done by open cast method.
- The height of the benches is maintained as 10 m and width as 5 m.
- The ultimate depth of the mine workings is estimated to be 100 m.
- The overburden waste generated from the existing quarry will be used for levelling of the uneven floors and laying road, filling of cracks developed due to subsidence and pitching of embankments, filling of low lying area, etc.
- Domestic effluents obtained from toilets from the labour colonies will be treated in septic tank followed by soak pit. No additional domestic waste will be generated as there is no proposal for any new township.
- Hazardous wastes of small quantities like used oil, lead acid batteries and waste oil drums are being generated.
- Water source to the quarry area is mainly through storm and ground water (Open well) supply. A recharging pit is already constructed at the site for the abstraction of water.
- The explosives are being stored in the storehouse located at the southern end of the project site provided on-site for the purpose in accordance with the Indian Explosives Act & DGMS guidelines.
- There are no perennial water courses / bodies within the leasehold area, but for the minor seasonal water courses. Apart from this, the water source to this area is mainly storm and ground water. Entire storm water flows through the minor water courses and joins the adjoining seasonal nallah. The drainage pattern in this area is dendritic in nature.
- In order to minimize adverse effects on water regimes, garland drains are constructed and maintained to channelize water, particularly during monsoon and plantation will be carried out all along the periphery of the lease.

Considering the above, the proposal is **approved for issuance of environmental clearance** stipulating the following specific conditions:

1. Bench height and width should be maintained at 5m.
2. Periodical monitoring of environmental quality shall be done.
3. Specific methodology adopted for drilling and blasting that are provided in the proposal should be adhered to.
4. Blasting and drilling shall be done with acoustic enclosures so that noise will not get amplified.
5. Measures to be taken to control fugitive emissions.

**Item No. KLA/14. 09**

**Application for environmental clearance for the Quarry Project in Survey Nos. 146/2 at Velliyamattam Village, Kudayathoor Panchayath, Thodupuzha Taluk, Idukki District, Kerala by M/s Puliyananickal Granites (File No. 44/SEIAA/KL/7164/2012)**

The proposal was examined in detail based on the recommendations of SEAC and the discussions thereafter. The proposal is **approved for issuance of environmental clearance** stipulating the following specific conditions:

1. The approach road leading to quarry site should be tarred.
2. Trucks with less than 20 T capacities shall only be used for transportation of materials.
3. Desilting shall be provided to clarify storm water run off from the hilltop before diverting it out.
4. Drinking water of good quality shall be ensured for supply to the workers in the site.
5. Depth of mine shall not exceed below the basement level of the office building on the lower slope.
6. Blasting and drilling shall be done with acoustic enclosures so that noise will not get amplified.
7. Entire rain water falling in the area should be stored.
8. The water falling from the small streams in the hill top should be channelized to the void area.
9. The overburden should be retained for reclamation activities.

**Item No. KLA/14. 10**

**Application for environmental clearance for the Quarry project in Sy. Nos. 2,14 &15 at Akathethara Village, Akathethara Panchayath, Palakkad Taluk, Palakkad District, Kerala by M/s Royal Sand & Gravels Pvt. Ltd. (File No. 66/SEIAA/KL/7903/2012)**

SEIAA observed that the proposed project site falls within ESZ-1 of WGEEP. Hence it was decided to REJECT the proposal and direct the proponent to apply afresh, if required, at a later stage if the Gadgil Committee report of WGEEP report is finalized and implemented.

**Item No. KLA/14. 11**

**Application for environmental clearance for the proposed construction of Residential Project (“OCEANA”) at Village Ernakulam, Taluk Kanayannur, Corporation of Cochin, District Ernakulam, Kerala in Sy. Nos. 843 by M/s Centurions Housing and Constructions Pvt. Ltd. (File No. 20/SEIAA/KL/718/2012)**

The proposal was discussed in detail. The Authority noted that Kerala Coastal Zone Management Authority (KCZMA) has recommended for CRZ clearance to the proposed construction vide letter no. 682/A2/10/KCZMA/S&TD dt. 27.4.2012 and letter No.

1265/A2/12/KCZMA/S&TD dated 19.7.2012. The proposal is **approved for issuance of integrated CRZ cum environmental clearance** stipulating the following specific conditions:

1. The well water should be treated to potable standards before supplying for drinking purposes.
2. Separate entry & exit to be provided or the common entry/exit should have a width of minimum 7 m.
3. The Corporate Social Responsibility as committed to the beautification of 12 m walkway from the project site to Pachalam should be implemented.
4. No bore well should be constructed in the proposed area.
5. The height should not exceed than that specified by Southern Naval Command.
6. No development zone should be provided with an average width of 12 m
7. A RWH unit of minimum 1100 KL should be provided.

**Item No. KLA/14. 12**                      **Report on the status of processing of the applications for Environmental Clearance by SEIAA Secretariat**

Noted.

**Item No. KLA/14. 13**                      **Any other item with the approval of Chairman**

M/s Melmont Construction Private Limited (File No. SEIAA/E4/83/2013) requested for extension of Environmental Clearance which was issued by MoEF vide No. 21-934/2007-IA.III dated 29<sup>th</sup> February 2008. The validity of the EC expires on 28<sup>th</sup> February 2013 whereas the constructions are not over and work is still going on. SEIAA noted that the above mentioned Environmental Clearance issued by MoEF pertains for construction of residential project 'Purva Grand Palms' having a built up area of 5,08,249.91 m<sup>2</sup> at Edappally, Kochi by M/s Melmont Construction Pvt. Ltd. As per EIA Notification 2006 the proposed activity is listed in the Schedule under Item 8(a), Building and Construction Projects. The SEIAAs are empowered to consider Environmental Clearances for construction projects with built up area  $\geq 20000$  sq.mtrs and  $< 1,50,000$  sq.mtrs. under Category B. Since the proposed project of M/s Melmont Construction Pvt. Ltd. is having a built up area of 5,08,249.91 m<sup>2</sup>, it falls under Category A. Therefore, the SEIAA is not empowered to consider the present request of the proponent. The SEIAA Kerala hence decided to forward the proposal to MoEF for further processing. The proponent may also be informed accordingly.

**Item No. KLA/14. 14**                      **Concluding remarks by Member Secretary**

None.

Prepared by Shri Sreekantan Nair, OIC, SEIAA Secretariat.

Approved by Dr.A.E.Muthunayagam, Chairman SEIAA, 5<sup>th</sup> February 2013.



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA**  
**GENERAL CONDITIONS FOR MINING PROJECTS**

- (i) Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
- (iv) The project may incorporate devices for solar energy generation and utilization wherever possible.
- (v) Sprinklers shall be installed and used in the project site to contain dust emissions.
- (vi) The eco-restoration plan submitted with the proposal should be fully implemented.
- (vii) Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that falling of animals/human/belongings/dumping of garbages etc. does not happen.
- (viii) Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
- (ix) Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
- (x) Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB.
- (xi) Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- (xii) Assurance in the form of affidavit should be given to SEIAA that only a maximum of 10 percent of the total mined area shall be retained as water body, which shall be lined properly and further provided with protective wall to prevent accidents.
- (xiii) Garland drains to be provided in the lower slopes around the core area to channelize storm water.
- (xiv) Debris/ silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.
- (xv) All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.

- (xvi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xvii) The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xviii) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (xix) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at [www.seiaakerala.org](http://www.seiaakerala.org). The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the office of this Authority as confirmation.
- (xx) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xxi) The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (**both in hard copies as well as by e-mail**) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xxii) The conditions of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.