



सत्यमेव जयते

**PROCEEDINGS OF THE ADMINISTRATOR, STATE
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

(Present. Anil P Antony)

**Sub: - SEIAA – Environmental Clearance for silica sand mining in Sy.No.173/2 at
Pallipuram Village, Cherthala Taluk, Alappuzha District, and Kerala by
Smt.Ancy Antony– Granted - Orders issued.**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

File No.1472/EC3/2019/SEIAA dated, Thiruvananthapuram: 19.11.2020
Proposal No. SIA/KL/MIN/43931/2019

- Ref: 1. O.M.No.L-11011/47/2011-1AII (M) dated 24.06.2013 of the Ministry of
Environment & Forests, Government of India.
2. Application received on 31.10.2019 from Smt. Ancy Antony
 3. Minutes of the 108th meeting of SEAC held on 13th & 14th January 2020.
 4. Minutes of the 110th meeting of SEAC held on 11th & 12th February 2020.
 5. Minutes of the 112th meeting of SEAC held on 12th, 13th & 14th August
2020.
 6. Minutes of the 105th meeting of SEIAA held on 22st & 23nd October 2020.
 7. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO.94 /2020

Smt.Ancy Antony, Thattassery House, Thuravoor P.O, Cherthala, Alappuzha-
688532 submitted an application for Environmental Clearance in SEIAA for silica sand
mining from the land at Sy.No.173/2 of Pallippuram Village, Cherthala Taluk,
Alappuzha District. The estimated total production of mine is 13205MT from an area of
0.3245Ha.

2. The proposal was placed in the 108th meeting of SEAC held on 13th & 14th January 2020. The Committee decided to invite the proponent for presentation with all documents including photographs of the proposed site.

3. The proposal was placed in the 110th meeting of SEAC held on 11st & 12nd February 2020. The proponent was present. The Committee entrusted Smt.BeenaGovindan, Shri.V.N.Jithendran and Shri.K.KrishnaPanicker for field inspection and to study the socio ecological implications.

4. The proposal was placed in the 112th meeting of SEAC held on 12st, 13th & 14th August 2020. The Committee accepted the field inspection report. On verifying the application it is found that the project cost is Rs 1.5 Crore. So it is decided to recommend issuance of EC subject to the following conditions:

I. Proponent has to submit details of land reclamation in stamp paper along with first compliance report.

II. Possibility of cleaning of local canals and water bodies may be explored along with already proposed afforestation programme. CER activities may be implemented as per guidelines of local self - government.

III. Proposed CER fund must be utilized within three year project period and its progress may be included in the compliance reports along with relevant photographs.

IV. A Miyawaki forest must be developed to compensate removal of a sacred grove.

5. The proposal was placed in the 105th meeting of SEIAA held on 22rd & 23rd October 2020.

Authority noted that SEAC had appraised the proposal based on the details given in the application form. Mining Plan, additional details/documents obtained from the proponent during appraisal and information gathered during field inspection.

SEAC had recommended for issue EC subject to certain conditions. Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology, for the quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to general conditions.

I. Proponent has to submit details of land reclamation on a stamp paper along with first compliance report.

II Corporate Environment Responsibility (CER): As per OM no F.No.22- 65/2017-IA.III dated 30th September2020, the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address

the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with District Collector. The indicated cost for CER shall be not less than 1-2% of the project cost depending upon the nature of the Project. The follow up action on implementation of CER shall be included in the half yearly report which will be subjected to field inspection at regular intervals.

III. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.

IV. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF &CC, in obedience to the directions of the Honourable Supreme Court the Project Proponent shall, undertake regrassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the half yearly compliance report which will be monitored by SEAC at regular intervals.

In the circumstances the Authority is pleased to accord Environmental Clearance under Notification S.O. No.1533 (E) dated 26.09.2006 read with O.M. read as first paper above of the Ministry of Environment & Forest, Government of India, to Smt.Ancy Antony, Thattassery House, Thuravoor P.O, Cherthala, Alappuzha-688532 from the land in Sy. No.173/2 of Pallipuram Village, Cherthala Taluk, and Alappuzha District for a period of 1year from the date of issue of permit from the Department of Mining & Geology for the quantity mentioned in the approved Mining Plan subject to the specific conditions in para 5th above in addition to general conditions.

General conditions

- (i) The activity shall not involve blasting.
- (ii) The maximum depth of removal of earth should not go beyond 2m from the general ground level of the site (lithomark). The level should be prominently marked before initiating the work.
- (iii) Removal of silica sand should be restricted to 2m above to the ground water table at the site.
- (iv) The excavation activity shall not alter the natural drainage pattern of the area.
- (v) The burrowed/excavated pit shall be restored by the project proponent for useful purpose(s) as specified in the application.
- (vi) Appropriate fencing all around the burrowed/excavated pit shall be made to prevent

any mishap.

- (vii) Measures shall be taken to prevent dust emission by covering of burrowed/excavated earth during transportation.
- (viii) Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of earth.
- (ix) Workers/labourers shall be provided with facilities for drinking water and sanitation.
- (x) A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
- (xi) A minimum distance of 15 m from any civil structure shall be kept from the periphery of the excavation area.
- (xii) The quantity of silica sand being excavated from each site is to be deposited at each work site shall be fixed.
- (xiii) The Environmental Clearance shall be liable to be cancelled in any case of violation of any of the above conditions.

Specific Conditions

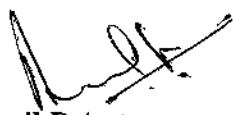
I Simultaneous back filling should be done. The compliance report should specify the progress of back filling supported with photographs and a certification from land owner.

II The progress of plantation in the buffer and compensatory afforestation in the backfilled area as per norms should be mentioned, supported with photographic evidence. A Miyawaki forest need to be created to compensate the sacred grove.

III Implementation progress of CER components should be incorporated in the compliance report supported with photographs.

Violation of any of above general and specific conditions as applicable to the particular case will entail cancellation of the Environmental Clearance, in addition to legal action under the provisions of the Environment (Protection) Act, 1986. Non-compliance, if any shall be reported to the District Collector, Alappuzha by the State Environment Impact assessment Authority.




Anil P Antony
Administrator, SEIAA

To,

Smt.Ancy Antony
Thattassery House
Thuravoor P.O
Cherthala
Alappuzha-688532

Copy to:

1. District Collector, Alappuzha
2. The Director, Directorate of Environment & Climate Change, Trivandrum
3. Tahsildhar, Cherthala Taluk, Alappuzha District
4. Director, Mining & Geology, Trivandrum
5. District Geologist ,Alappuzha
6. Village Officer, Pallipuram Village, Cherthala Taluk, Alappuzha
7. Chairman, SEIAA
8. Stock File
9. Website
10. O/C