



**PROCEEDINGS OF THE ADMINISTRATOR, STATE
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**
(Present. Sabitha.S)

**Sub: - SEIAA – Environmental Clearance for removal of ordinary earth in
Sy.No.501/A at Varappetty Village,Kothamangalam Taluk,Ernakulam
District , Kerala by Sri. K.M.Joy – Granted - Orders issued.**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 1233(A)/EC2/2019/SEIAA

dated,Thiruvananthapuram:18.09.2019

- 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 31.01.2019 from Shri.K.M.Joy
3. Minutes of the 93rd meeting of SEAC held on 21st February 2019
4. Minutes of the 94th meeting of SEAC held on 12th & 13th March 2019.
5. Minutes of the 97th meeting of SEAC held on 21st & 22nd May 2019.
6. Minutes of the 99th meeting of SEAC held on 26th & 27th June 2019
7. Minutes of the 95th meeting of SEIAA held on 29th July 2019
8. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO.49/O.E/2019

Shri.K.M.Joy,Koothamattathil House,Kozhippilly.P.O,Ernakulam-686691 has
submitted an application for Environmental Clearance in SEIAA for removal of
ordinary earth from the land at Sy. No.501/A of Varapetty Village,Kothamangalam
Taluk,Ernakulam District. The proposal is for extraction of ordinary earth from an area
of 33.40 ares of land for removing 5608 m³.

The proposal was placed in the 93rd meeting of SEAC held on 21st February 2019. The proposal was deferred for next SEAC meeting. The proposal was placed in the 94th meeting of SEAC held on 12th & 13th March 2019. The committee entrusted Dr.P.S.Easa & Dr.N.Ajith Kumar for the site inspection. The subcommittee visited the field on 17th April 2019 and submitted the report. The proposal with the site inspection report was placed in the 97th SEAC held on 21st & 22nd May 2019. The proponent was directed to submit the following documents/ details as decided in the meeting.

1. Consent letter from the owner of the land where the excavated ordinary earth will be dumped or the work order for which the removed earth will be used.
2. Consent letter from the neighbours

The proponent submitted the above documents/details on 11.06.2019

Again the proposal was placed in 99th meeting of SEAC held on 26th & 27th June 2019. The Committee considered the report of the sub-committee and decided to recommend for issuance of EC with the general conditions.

Later on, SEIAA considered the proposal in its 95th meeting held on 29th July 2019 and Authority decided to issue EC for 6 months subject to general conditions in addition to the following specific conditions:

- *In order to ensure stability of the hilly area above the excavation area, proper retaining wall reinforcement on the top portion of the excavation area should be undertaken. The retaining wall should have weep holes.*
- *The top soil of the land containing agro residues should be stored separately and should be reused after excavation of the ordinary earth for reclamation. Necessary space should be earmarked for storing top soil.*
- *Activities relating to Corporate Environmental Responsibilities (2% of total project cost) shall be carried out leading to protection and promotion of environment in the project region as per OM F.No.22-65/2017-IA-III dt.01.05.2018 of MoEF & CC in consultation with the District Collector.*

- Removal of ordinary earth should be in 4 benches and the depth of excavation should not be more than 2 metres in each bench. The bench levels should be marked before initiating the work.
- That the excavation activity shall be restricted to 2 m above the ground water table at the site.
- Adequate water storage and water sprinkling should be arranged to avoid dust pollution. Proper wind breaking arrangements also to be provided to control dust pollution.
- The mining operation should be during day time only.
- Transportation of excavated earth should be with sufficient wetting and proper coverage of the carrier.
- The extraction of earth should be completed within a period of six months from the date of Environment Clearance.
- Ensure that the excavation activity does not alter the natural drainage pattern of the area.
- Workers/ labourers shall be provided with facilities for drinking water and sanitation.
- The proponent shall follow OM No. L-11011/47/2011-LA.II(M) dated 24.06.2013 of MoEF & CC, issued under EIA Notification (2006).
- 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.

Environmental Clearance under Notification S.O. No.1533 (E) dated 26.09.2006 read with O.M. as first paper above of the Ministry of Environment & Forest, Government of India, is hereby accorded to Shri.K.M.Joy,Koothamattathil House,Kozhippally P.O,Ernakulam – 686691 for the removal of ordinary earth from an area of 33.40 ares of land in Re.Sy. No.501/A of Varappetty Village, Kothamangalam Taluk,Ernakulam District for a period of 6 months subject to the specific conditions stated above and the following 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 earth 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 O.E 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.

Violation of any of the above general conditions and specific conditions as applicable to the particular case will entail cancellation of the EC, 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, Ernakulam by the State Environment Impact assessment Authority



Sabitha.S
Administrator, SEIAA

To,

Shri.K.M.Joy.,
Koothamattathil House,
Kozhippally P.O.,
Kothamanagalam
Ernakulam – 686691

Copy to:

1. District Collector, Ernakulam
2. Tahsildhar, Kothamangalam, Ernakulam
3. Director, Mining & Geology, Trivandrum
4. District Geologist, Ernakulam
5. Village Officer, Varappetty Village, Kothamangalam, Ernakulam
6. Chairman, SEIAA
- ✓ 7. Stock File
8. Website
9. O/C

