



**PROCEEDINGS OF THE ADMINISTRATOR, STATE  
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
THIRUVANANTHAPURAM  
(Present: ANIL P. ANTONY)**

**Sub: - SEIAA -Environmental clearance for mining of Ordinary Earth in Re. Sy No.27/1 Block No. 45 at Aikaranad North Village, Kunnathunad Taluk, Ernakulam District, Kerala by Shri. Thomas N.P. – Granted - Orders issued.**

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**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

**No. 2453/EC2/2019/SEIAA**

**dated, Thiruvananthapuram: 23.11.2020**

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- Ref: 1. O.M.No.L-11011/47/2011-1All (M) dated 24.06.2013 of the Ministry of Environment & Forests, Government of India.
2. Application received on 15-07-2019 from Shri. Thomas N.P.
  3. Minutes of the 103<sup>rd</sup> meeting of SEAC held on 17<sup>th</sup> & 18<sup>th</sup> September 2019.
  4. Minutes of the 114<sup>th</sup> meeting of SEAC held on 06<sup>th</sup> -08<sup>th</sup> October 2020.
  5. Minutes of the 105<sup>th</sup> meeting of SEIAA held on 22<sup>nd</sup> & 23<sup>rd</sup> October 2020.
  6. G.O.(Rt.)No.29/2019/ Env't dated 12.04.2019.

**ENVIRONMENTAL CLEARANCE NO. 97/OE/2020**

Shri. Thomas N.P., Kudilinjarakattu House, Aikaranad North Village, Kunnathunad Taluk, Ernakulam District, Kerala -682 311 submitted an application for Environmental Clearance in SEIAA for mining of Ordinary earth on 15-07-2019 from the land at Re. Sy No. No.27/1 Block No. 45 of Aikaranad North Village, Kunnathunad Taluk, Ernakulam District. The proposed quantity of the earth to be removed is 12000m<sup>3</sup> from an area of 0.4330 Ha. of Ordinary earth for commercial purpose.

2. The proposal was placed in the 103<sup>rd</sup> meeting of SEAC held on 17<sup>th</sup> & 18<sup>th</sup> September 2019. The Committee directed the proponent to submit the following documents:

1. Approved mining plan.
2. Photographs of the site.

The proponent submitted the documents on 23-09-2020.

3. The proposal was placed in 114<sup>th</sup> meeting of SEAC held on 06<sup>th</sup>- 08<sup>th</sup> October 2020. The Committee discussed and accepted the additional documents submitted by the proponent. The committee decided to recommend the issuance of EC subject to the following specific conditions in addition to the general conditions:

- 1) The activity should not involve blasting.*
- 2) The maximum depth of removal of earth should not go beyond 2m from the general ground level of the site (lithomarge clay layer). The level should be prominently marked before initiating the work.*
- 3) Removal of earth should be restricted to 2m above to the ground water table at the site.*
- 4) The excavation activity shall not alter the natural drainage pattern of the area.*
- 5) The burrowed/excavated pit shall be restored by the project proponent for useful purpose(s) as specified in the application.*
- 6) Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.*
- 7) Measures shall be taken to prevent dust emission by covering of burrowed/excavated earth during transportation.*
- 8) Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of earth.*
- 9) Workers/labourers shall be provided with facilities for drinking water and sanitation.*
- 10) A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
- 11) A minimum distance of 15 m from any civil structure shall be kept from the periphery of the excavation area.*
- 12) The quantity of O.E being excavated from each site is to be deposited at each work site shall be fixed.*

4. The proposal was placed in the 105<sup>th</sup> meeting of SEIAA held 22<sup>nd</sup> and 23<sup>rd</sup> October 2020. Authority decided to issue EC for 6 months from the date of issue of permit from the Department of Mining & Geology, for the quantity mentioned (12,000m<sup>3</sup>) in the approved Mining Plan subject to the following specific conditions in addition to general conditions.

- 1) *The activity should not involve blasting.*
- 2) *The maximum depth of removal of earth should not go beyond 2m from the general ground level of the site (lithomarge clay layer). The level should be prominently marked before initiating the work.*
- 3) *Removal of earth should be restricted to 2m above to the ground water table at the site.*
- 4) *The excavation activity shall not alter the natural drainage pattern of the area.*
- 5) *The burrowed/excavated pit shall be restored by the project proponent for useful purpose(s) as specified in the application.*
- 6) *Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.*
- 7) *Measures shall be taken to prevent dust emission by covering of burrowed/excavated earth during transportation.*
- 8) *8)Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of earth.*
- 9) *Workers/labourers shall be provided with facilities for drinking water and sanitation.*
- 10) *A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
- 11) *A minimum distance of 50 m from any civil structure shall be kept from the periphery of the excavation area.*
- 12) *The quantity of O.E being excavated from the site and the quantity to be deposited at each work site shall be fixed.*
- 13) *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.*
- 14) *The excavated soil shall not be used for filling the paddy fields and wetlands.*
- 15) *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> January 2020 issued by MoEF&CC, in obedience to the directions of the Honourable Supreme Court the Project Proponent shall, undertake re-grassing 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.*

*16) Corporate Environment Responsibility (CER): As per OM no F.No.22-65/2017-LA.III dated 30<sup>th</sup> September 2020, 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.*

5. 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. as per first paper above of the Ministry of Environment & Forest, Government of India, Shri. Thomas N.P. Aikaranad North Village, Kunnathunad Taluk, Ernakulam District, Kerala -682311 from the land Re. Sy No. No.27/1 Block No. 45 of Aikaranad North Village, Kunnathunad Taluk, Ernakulam District for a period of 6 months for a quantity of 12000m<sup>3</sup> of Ordinary earth subject to the specific conditions at para 4<sup>th</sup> above in addition to the 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.

7. Violation of any of the above general 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, Ernakulam by the State Environment Impact assessment Authority

**ANIL P. ANTONY**

**Administrator, SEIAA**

To,

Shri. Thomas N.P.,  
Kudilinjarakattu House,  
Aikaranad North,  
Kadayirippu (P.O.),  
Ernakulam -682 311

Copy to:

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