



*Valid for a period of one year  
from the date of issue of permit from the  
Department of Mining & Geology*

## **PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA THIRUVANANTHAPURAM**

*Present: Dr. H. Nagesh Prabhu IFS (Retd), Chairman; Dr. V. Venu IAS, Member  
Secretary and Dr. Jayachandran K, Member*

**Sub: - SEIAA – Environmental clearance for removal of Ordinary Earth from 0.6313  
Ha in Survey No. 947/3- A-1 in Onakkoor Village, Muvattupuzha Taluk,  
Ernakulam by Shri. V.K. Kuriakose – Granted - Orders issued.**

### **STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

**Proposal No. SIA/KL/MIN/127980/2019**

**File No. 1513/EC4/2019/SEIAA**

**dated, Thiruvananthapuram: 22.09.2021**

- Read: 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 28/11/2019 from Shri. V.K. Kuriakose through PARIVESH.
  3. Minutes of the 110<sup>th</sup> SEAC meeting held on 11<sup>th</sup> & 12<sup>th</sup> February, 2020.
  4. Minutes of the 114<sup>th</sup> SEAC meeting held on 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> October 2020.
  5. Minutes of the 117<sup>th</sup> meeting of SEAC held on 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> December, 2020.
  6. Minutes of the 119<sup>th</sup> meeting of SEAC held on 23<sup>rd</sup>, 24<sup>th</sup> and 25<sup>th</sup> February, 2021.
  7. Minutes of the 108<sup>th</sup> meeting of SEIAA held on 22<sup>nd</sup> & 23<sup>rd</sup> March 2021.
  8. Minutes of the 111<sup>th</sup> meeting of SEIAA held on 17<sup>th</sup> & 18<sup>th</sup> August 2021.
  9. G.O (Rt.)No.29/2019/Envtd dated 12.04.2019.

### **ENVIRONMENTAL CLEARANCE NO. 45/O.E /2021**

Shri. Kuriakose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha -686 667 submitted an application through online on 28/11/2019 for the removal of Ordinary Earth from 0.6313 Ha in survey no.947/3- A-1 in Onakkoor Village, Muvattupuzha Taluk, Ernakulam District.

SL. No.	Particulars	Details
1	Name of the Project	Ordinary Earth Quarry
2	Proposed Activity	Mining of Ordinary Earth
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	B2 Category of Schedule 1(a)
4	Name & Address of the Project Proponent	Shri. Kuriakose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha -686 667
5	Project Location	
	a) Re-Survey Nos:	947/3- A-1
	b) Revenue Village	Onakkoor Village
	c) Taluk	Muvattupuzha Taluk
	d) District	Ernakulam District
6	Geo Co-ordinates	Latitude : 09°53'07.84"N to 09°53'08.84"N Longitude : 76°30'06.71"E to 76°30'12.22"E
7	Extent (in Acre/Hectare)	0.6313 Ha
8	Existing Capacity Area(Lease area)	0.7952 Ha
9	Proposed Production capacity	24640 MT
10	Purpose	For supplying the ordinary earth to Surya Constructions, Engineers and Contractors for the project of Indian Oil Corporation Limited
11	Project Cost (in Lakh)	Rs.10 Lakhs
12	Water requirement	Approximately one KLD water will be required to meet the domestic purposes. Water will be sourced through tankers.
13	Field Inspection Details	29-11-2020
14	Validity	One year

2. The proposal was placed in the 119<sup>th</sup> meeting of SEAC Kerala held during 23<sup>rd</sup> - 25<sup>th</sup> February, 2021. The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the following specific condition:

*a. Submission of the original of demand letter from KINFRA*

3. The proposal was placed in the 108<sup>th</sup> meeting of SEIAA Kerala held during 22<sup>nd</sup> & 23<sup>rd</sup> March 2021. As recommended by SEAC Authority decided to inform the proponent to submit the original demand letter from KINFRA to process his EC application further.

The Project proponent submitted the documents (Online-PARIVESH) on 26/07/2021 from Surya Constructions Engineers and Contractors for the project of Indian Oil Corporation Limited in place of KINFRA as KINFRA have already completed their work.



4. The proposal was placed in the 111<sup>th</sup> SEIAA meeting held on 17<sup>th</sup> & 18<sup>th</sup> August 2021. 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.

1. *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.*
  2. *The excavated soil shall not be used for filling the paddy fields or wetlands. The excavated soil shall be used for works relating to Indian Oil Corporation Limited as mentioned in the work order.*
  3. *As the project cost is only 10.00 lakhs authority decided to exempt the Project Proponent from usual CER responsibilities as per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> September 2020. However Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local Panchayat and as per the activities approved by the District Collector. The indicated cost for this purpose will be 2 percent of the project cost. The activities so implemented shall be shown in the half yearly completion report. A copy of the EC shall be made available to the concerned Panchayat for information and implementation support.*
  4. *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 Honorable 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.*
5. 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. Kuriakose V. K., Vettilothe House, Onakkoor P. O,

Muvattupuzha -686 667, for the Ordinary Earth Quarry in Block No. 2, Survey no. 947/3-A-1 in Onakkoor Village, Muvattupuzha Taluk, Ernakulam District, Kerala, as per the approved mining plan for a period of one year from the date of issue of permit from Department of Mining and Geology, subject to the specific conditions suggested by SEIAA in para 4<sup>th</sup> above in addition to the following general conditions.

**General conditions**

1. *Proponent should obtain all necessary statutory clearances for mining of ordinary earth.*
2. *Mining has to be carried out as per approved Mining Plan, suggestions from SEAC, KMMC Rules 2015 and amendments there by and all other statutory rules and orders.*
3. *The mining activity shall not involve blasting.*
4. *A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
5. *The maximum depth of removal of earth should be as per the approved Mining Plan and as per the recommendations of SEAC.*
6. *Removal of earth should be restricted to 2m above the average ground water table level at the site. The decision taken by the expert team of SEAC in this regard vis-a – vis details given in mining plan after the field inspection shall be final.*
7. *If the mining depth exceeds 3m, benches of 2m x 2m are to be provided to prevent any slope failure.*
8. *Mining shall not be carried out during heavy rains and excavation shall not alter the natural drainage pattern of the area.*
9. *The minimum distance norm from the boundary / periphery of other properties/ buildings / civil structures as prescribed in KMMC rules or any other statutory rules and orders shall be followed.*
10. *Appropriate necessary measures are to be taken to protect the immediately adjacent structures and properties by construction of retaining walls and formation of benches 1.5 to 2MT as prescribed in mining plan.*
11. *Appropriate fencing all around the burrowed/excavated pit shall be provided to prevent any mishap.*
12. *All safety measures are to be adopted if machines are used for mining.*
13. *Measures shall be taken to prevent dust pollution at site while mining and by covering of burrowed/excavated earth during transportation.*
14. *The quantity of ordinary earth to be excavated and the site where it is to be deposited shall be fixed as given in the application for EC.*
15. *The excavated earth shall not be used for filling paddy fields and wet lands or any other prohibited activities.*
16. *Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of earth.*
17. *Applicable labour laws for mining shall be followed .Workers/labourers shall be provided with facilities for drinking water /sanitation/safety equipments etc.*



18. *The burrowed/excavated pit shall be restored/reclaimed by the project proponent for useful purpose(s) as specified in the progressive and final closure plans.*
19. *In case of transfer of EC, approval from SEIAA should be obtained as per existing norms.*
20. *The Environmental Clearance is liable to be cancelled in case of violation of any of the above conditions.*
6. 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**  
**For Member Secretary, SEIAA**

To,

Shri. Kuriakose V. K.,  
Vettilothe House,  
Onakkoor P. O.,  
Muvattupuzha,  
Ernakulam -686667

Copy to:

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