



सत्यमेव जयते

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 of property out of total extent 0.7385 Ha in Block No.27 survey no. 947/3- A-1-2 in Onakkoor Village, Muvattupuzha Taluk, Ernakulam, Kerala – Granted - Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Proposal No. SIA/KL/MIN/126249/ 2019,

File No: 1564/EC4/2019/SEIAA

dated, Thiruvananthapuram: 8.10.2021

- 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 22/11/2019 from Shri. Paulose V.K., through PARIVESH.
 3. Minutes of the 114th SEAC meeting held on 6th, 7th and 8th October 2020.
 4. Minutes of the 117th SEAC meeting held on 28th, 29th and 30th December, 2020.
 5. Minutes of the 119th SEAC meeting held on 23rd, 24th and 25th February, 2021.
 6. Minutes of the 121st SEAC meeting held on 22nd, 23rd and 27th of April, 2021.
 7. Minutes of the 124th SEAC meeting held on 24th, 25th, 26th and 27th, August, 2021.
 8. Minutes of the 112th meeting of SEIAA held on 14th, 15th & 16th September 2021.
 9. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 60/O.E /2021

Shri. Paulose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha -686 667 submitted an application through online on 22/11/2019 for the removal of Ordinary Earth from 0.6313 Ha in Block No.27 in Survey no. 947/3- A-1-2 in Onakkoor Village, Muvattupuzha Taluk, Ernakulam District.

SL. No.	Particulars	Details
1	Name of the Project	Ordinary Earth Mining
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) of EIA Notification, 2006
4	Name & Address of the Project Proponent	Shri. Paulose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha -686 667
5	Project Location	
	a) Re-Survey Nos:	947/3- A-1-2 of Block No.27
	b) Revenue Village	Onakkoor Village
	c) Taluk	Muvattupuzha Taluk
	d) District	Ernakulam District
6	Geo Co-ordinates	Latitude : 09°53'08.72"N to 09°53'10.15"N Longitude : 76°30'06.60"E to 76°30'12.29"E
7	Extent (in Acre/Hectare)	0.6313 Ha
8	Total land area (Lease area) Mining area as per Mining Plan	0.7385 Ha 0.5178 Ha
9	Proposed Production capacity as per Mining Plan	12320.01M ³
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	One KLD water will be required to meet the domestic purposes. Water will be sourced through tankers.
13	Field Inspection Details	08-04-2021
14	Validity	One year

2. The file was placed in the 124th SEAC meeting held on 24 -27, August, 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 mentioned in the affidavit submitted by the proponent.

- 1) Provide 2m buffer zone on all sides
- 2) Green belt development in buffer zone

3. The proposal was placed in the 112th meeting of SEIAA Kerala held on 14th, 15th & 16th September 2021. Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology for a 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. *Provide 2m buffer zone on all sides*
3. *Green belt development in buffer zone*
4. *The excavated soil shall not be used for filling the paddy fields or wetlands.*
5. *The Proponent should obtain consent from the house owner that he has no objection to mine the O.E.*
6. *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 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.*

4.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.Paulose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha -686 667, for the Ordinary Earth Quarry in Block No. 2, Survey no. 947/3-A-1-2 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 3rd 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.*
5. 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.

6. The given address for correspondence with the authorized signatory of the project is Shri. Paulose V. K., Vettilothe House, Onakkoor P. O, Muvattupuzha, Ernakulam -686 667.



**Administrator, SEIAA
For Member Secretary, SEIAA**

To,

Shri. Paulose V. K.,
Vettilothe House,
Onakkoor P. O,
Muvattupuzha,
Ernakulam -686 667

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

