



*Validity for 12 months
from the date of issue of permit
from the Department of Mining & Geology*

PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM

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

**Sub: - SEIAA – Environmental Clearance for mining of Ordinary earth- in Sy.
No. 353/9 at Arakkapadi Village, Kunnathunadu Taluk, Ernakulam
District, Kerala by Sri. P. A. Sainudeen – Granted - Orders issued.**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 933/A2/2019/SEIAA

dated, Thiruvananthapuram: 07.06.2021

- 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 22.03.2019, from Sri. P.A. Sainudeen.
 3. Minutes of the 96th SEAC meeting held on 26th & 27th April 2019.
 4. Minutes of the 97th SEAC meeting held on 21st & 22nd May 2019.
 5. Minutes of the 113th SEAC meeting held on 15th – 17th September 2020.
 6. Minutes of the 107th SEAC meeting held on 24th December 2019.
 7. Minutes of the 108th SEAC meeting held on 13 & 14th January 2020.
 8. Minutes of the 115th SEAC meeting held on 3 – 5, November 2020.
 9. Judgment from Hon'ble High Court in WP(C) 2433 of 2021 (D) dated 24th
February 2021.
 10. Minutes of the 108th meeting of SEIAA held on 22nd & 23rd March 2021
 11. Minutes of the 120th SEAC meeting held on 24-26, March, 2021
 12. Minutes of the 109th Meeting of SEIAA held on 26th & 27th April 2021.
 13. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 29/OE/2021

Sri. P.A. Sainudeen, Pirambillikkudi, Thrikkakara, Kakkanad, Ernakulam-682

021 has submitted application for mining of ordinary earth from property at Survey No.

353/9 at Arackappadi Village, Kunnathunad Taluk, Ernakulam district for commercial purpose.

SI No.	Description	Details
1	Name of the project	Mining of Ordinary Earth in 353/9 at Arackapadi Village, Kunnathunadu Taluk, Ernakulam District, Kerala
2	Proposed Activity	Mining of Ordinary Earth
3	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Category: B & Schedule: 1 (a) of EIA Notification 2006
4	Name & Address of the project Proponent	Sri. P.A. Sainudeen, Pirambillikkudi, Thrikkakara, Kakkanad, Ernakulam-682021
5	Project Location	Arackappadi Village, Ernakulam
	a)Block No. or Survey Nos.:	Block No.28 As per mining plan Survey Nos. 353/9
	b)Revenue Village & Panchayat	Arackappadi Village
	c)Taluk	Kunnathunad Taluk
	d)District	Ernakulam
6	Geo Co-ordinates	Latitude 10°03'3." 76 N to Longitude 76° 27' 25.09'' E.
7	Extent (in Acre/Hectare)	As per mining plan 60.35 Ares (0.6035 Ha)
8	Production Details	The total mineable resource is 80,000 tons (40,000m ³)
9	Water Requirement	Source of water in the area are ground water and rain water.
10	Power Requirement	No power is required for the proposed ordinary earth excavation project as the excavation will be done manually and using excavators. Diesel requirement

		will be around 300Litres/day.
11	Waste Management Details	Site is surrounded in terraced manner for preventing the spreading of fugitive dust emissions. No solid waste will be generated due to proposed ordinary earth excavation activities.
12	Field Inspection Details	<i>Date of Field Inspection:</i> 16.07.2020
13	Proposed CER activities and budget	Health(Medical aid in consultation): 80,000/- Community Development (Rain water harvesting): 40,000/- Total: 1,20,000/-
14	Validity of Environmental Clearance	Validity for 12 months from the date of issue of permit from the Department of Mining & Geology

2. The file was placed before the 108th SEIAA meeting held on 22-23 March 2021. Since the time limit of the Judgment was expiring, SEIAA directed to place the file in the upcoming SEAC meeting and also to file an extension petition.

3. The file was placed in the 120th SEAC meeting held on 24-26, March, 2021. The Committee decided to recommend the issuance of EC subject to the general conditions.

4. The proposal was placed in the 109th meeting of SEIAA held on 26th & 27th April 2021. Authority decided to issue EC for 12 months from the date of issue of permit from the Department of Mining & Geology for the removal of ordinary earth, for the quantity mentioned in the approved Mining Plan, subject to the following specific conditions in addition to general conditions.

- i. *The excavated soil shall not be used for filling the paddy fields or wetlands.*
- ii. *As per OM no F.No.22-65/2017-IA.III dated 30th 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 2% of the project cost depending upon the nature of activities proposed. 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. *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 self-government institutions and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50 % of the total cost of EMP estimated as above. The EMP may be modified to that extent to accommodate the change proposed under special circumstances Covid pandemics operating in the state. The activities so implemented shall be shown in the half yearly completion report.*
- iv. *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.*
- v. *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.*

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, to Sri. P.A. Sainudeen, Pirambillikkudi, Thrikkakara, Kakkanad, Ernakulam-682021 from property

at Survey No. 353/9 at Arackappadi Village, Kunnathunad Taluk, Ernakulam for a period of 12 months 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 at Para 4th above in addition to general conditions.

General conditions

- 1. Proponent should obtain all necessary statutory clearances for mining.*
- 2. Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.*
- 3. Proper retaining wall shall be provided for safeguarding the immediately adjacent property, other buildings and civil structures.*
- 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 or as specified in mining plan.*
- 5. Mining shall be done as per mining plan and suggestions by SEAC.*
- 6. The mining activity should not involve blasting*
- 7. The excavation shall not alter the natural drainage pattern of the area.*
- 8. Appropriate measures shall be taken to prevent dust pollution caused during laterite cutting.*
- 9. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of laterite building stone.*
- 10. Provide 2m x 2m benches for mining depth greater than 3m to prevent slope failures. For soil and soft formation the benches of height 1.5m to 2m are to provided to prevent collapse of wall.*
- 11. Maximum depth of removal of laterite building stone should be limited to 1 m above the clay layer (Lithomargic clay layer). The level should be prominently marked before initiating the work.*
- 12. Removal of laterite building stone should be restricted to 2m above the ground water table at the site. The decision taken by the expert team of SEAC in this regard, in relation to details provided in the mining plan, after the field inspection shall be final.*

13. *The top soil and overburden shall be stacked in separate demarcated area and shall be used for reclaiming the excavated pit. Proper measures shall be provided to prevent the erosion of the stacked material.*
14. *The burrowed/excavated pit shall be restored by the project proponent for useful purpose(s) as specified in the mining plan.*
15. *Measures shall be taken to prevent dust pollution by covering of burrowed/excavated laterite building stone during transportation.*
16. *Applicable labour laws for mining shall be followed. Proper masks and onsite facilities shall be provided to the workers. All safety measures shall be followed while cutting laterite using machines.*
17. *Mine has to be closed as per progressive mine closure plan and final mine closure plan.*
18. *If EC period is more than 6 months, half yearly compliance report shall be submitted to SEIAA.*
19. *The Environmental Clearance shall be liable to be cancelled in case of violation of any of the above conditions.*
20. *The minimum distance norm from the boundary/periphery of other properties buildings/civil structures as prescribed in KMMC Rules and other statutory rules and orders shall be followed.*
21. *Suitable indigenous plants should be planted around the mining area and sides of the haul road as green belt.*

6. Violation of any of the above specific and 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,

Sri. P.A. Sainudeen,
Pirambillikkudi,
Thrikkakara,
Kakkanad,
Ernakulam-682 021

Copy to:

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

