



सत्यमेव जयते

*Validity for One year from the date of issue of permit from the Department of Mining & Geology*

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

*Present: Dr.H.Nagesh Prabhu IFS (Chairman)*

*Dr.V.Venu IAS (Member Secretary)*

*Dr.Jayachandran.K (Member)*

**Sub: - SEIAA – Environmental Clearance for laterite building stone quarry project in Re.Sy.No.143/1 at Perumanna Village, Kozhikode Taluk, Kozhikode District, Kerala by Sri.George Joseph– Granted - Orders issued.**

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### **STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA**

**No. 1787/EC4/2020/SEIAA**

**Thiruvananthapuram, dated: 15.09.2021**

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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 10.08.2020, from Sri.George Joseph.
3. Minutes of the 120<sup>th</sup> meeting of SEAC held on 24<sup>th</sup>, 25<sup>th</sup> & 26<sup>th</sup> March 2021.
4. Minutes of the 122<sup>nd</sup> meeting of SEAC held on 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup> & 18<sup>th</sup> June 2021.
5. Minutes of the 111<sup>th</sup> meeting of SEIAA held on 17<sup>th</sup> & 18<sup>th</sup> August 2021.
6. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

### **ENVIRONMENTAL CLEARANCE NO.42/L/2021**

Sri.George Joseph, S/o C.J Joseph, Chirayil House, Vatapuram, Malappuram-676542 has submitted application for Environmental Clearance in SEIAA for mining of laterite stone quarry from the property at Re.Sy No-143/1 in Perumanna Village, Kozhikode Taluk, Kozhikode District, Kerala from an area of 0.1942 ha.

SI No.	Particulars	Details
1	Name of the project	Laterite Stone Mining project of Sri.George Joseph
2	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Laterite stone B2 Category & Schedule 1(a)
3	Name & Address of the project Proponent	Sri.George Jospeh, S/o C.J Joseph, Chirayil House, Vatapuram, Malappuram-676542
4	Project Location	
	a)Block No. or Survey Nos.:	Re.Survey Nos. 143/1
	b) Revenue Village & Panchayat	Perumanna Village
	c) Taluk	Kozhikode
	d) District	Kozhikode
5	Project area	0.1942 Ha.
6	Capacity of Mining Permit	20391 MT
7	Period of Mining Lease	3 Year
8	Land	Private Own land
9	Method of Mining	Open cast mining
10	Geo Co-ordinates	Latitude 11°15'24.85"N -11°15'26.58"N Longitude 75°53'4.24"E - 75°53'5.91"E
11	Water (expected source & competing users) unit: KLD	The total water requirement for the proposed project has been estimated to be around 5 KLD. About 2KLD is required for domestic consumption, 2 KLD is required for dust suppression and 1 KLD is required for green belt development. The required water will be met from surface water & open well.
12	Validity of Environmental Clearance	1 Year

2. The proposal was placed in the 120<sup>th</sup> meeting of SEAC held on 24<sup>th</sup>, 25<sup>th</sup> & 26<sup>th</sup> March 2021. The Committee scrutinized the proposal submitted by the proponent. The Committee decided to invite the proponent for presentation in which the following documents should be included in the presentation slides and the same may be uploaded in the PARIVESH portal after the presentation:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- c. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- d. Biodiversity summary in tabular form
- e. Detailed water level measurement data of nearby open wells with geo coordinates
- f. Lithological section indicating the profile of the laterite.
- g. Details of Buffer area

3. The proposal was placed in the 122<sup>nd</sup> meeting of SEAC held on 15<sup>th</sup>, 16<sup>th</sup> 17<sup>th</sup> & 18<sup>th</sup> June 2021. The proponent and the RQP were present. The RQP made the presentation. The Committee scrutinized all the documents submitted and decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

- a. Submission of sworn affidavit regarding post-mining activity



4. The proposal was placed in the 111<sup>th</sup> meeting of SEIAA 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 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. *Submission of swornin affidavit regarding post-mining activity as directed by SEAC.*
3. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> September2020, under Corporate Environmental Responsibility (CER ) 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 compliance report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support*
4. *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-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities under intimation to SEAC. The activities so implemented shall be shown in the half yearly completion report. A copy of the EC and approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
5. *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. 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.George Jospeh, S/o C.J Joseph, Chirayil House, Vatapuram, Malappuram-676542 from the land at Re-Sy No. 143/1 in Perumanna Village, Kozhikode Taluk, Kozhikode District, Kerala for a period of **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 specific conditions at para 4<sup>th</sup> above in addition to general conditions.

#### **General condition**

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 be 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, Kozhikode by the State Environment Impact assessment Authority.

7. Compliance of the conditions here in will be monitored by the SEIAA or its agencies and also by the Regional Office, MoEF & CC. Necessary assistance for entry and inspection by the concerned officials and staff should be provided by the project proponents.



**Anil.P.Antony**

**Administrator, SEIAA**

For, Member Secretary, SEIAA

To,

Sri. George Joseph  
S/o C.J. Joseph  
Chirayil House  
Vatapuram  
Malappuram-676542

Copy to:

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

