



Proceedings of the State Environment Impact Assessment Authority Kerala

*Present: Prof. (Dr.) K.P. Joy, Chairman, Dr. J. Subhashini, Member and Sri. P. Mara
Pandiyar I.A.S., Member Secretary.*

Sub: Environmental Clearance - Application for Environmental Clearance for the proposed Kannimangalam Granite Quarry at Kannimangalam in Sy. Nos. 45/1, 45/2, 46, 47 Part, 50/2, 51/1, 51/2, 51/3, 52 & 56/1 at Malayattoor Village, Malayattoor - Neeleswaram Panchayath, Aluva Taluk, Ernakulam District, Kerala by Sri. Joemon Joseph, Proprietor for M/s Vijaya Quarry Works- E.C- Granted

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 115/SEIAA/EC3/2181/2013

dated, Thiruvananthapuram 11-02-2016

- Read:-*
1. Application dated 01.08.2013 from Sri. Joemon Joseph, M/s Vijaya Quarry Works, VI/492 A, Edathala building, Kalady, Ernakulam – 683584.
 2. Order dtd. 03.10.2013 of the Hon: High Court of Karala in W.P. (Civil) 28087/2011 (S) filed by the Secretary, Illithode Mulamkuzhi Gramasamrakshana Samithi, Malayattoor.
 3. Judgment dtd. 20.08.2014 of the Hon: High Court of Kerala in W.P(c) No. 19690/2014.
 4. Minutes of the 35th meeting of SEIAA held on 09.04.2015.
 5. Minutes of the 48th meeting of SEAC held on 6/7-11-2015
 6. Minutes of the 49th meeting of SEAC held on 7/8-12-2015
 7. Minutes of the 48th meeting of SEIAA held on 23-01-2016.

ENVIRONMENTAL CLEARANCE NO. 18/2015

Sri. Joemon Joseph, M/s Vijaya Quarry Works, VI/492 A, Edathala building, Kalady, Ernakulam – 683584, vide his application dated 01.08.2013, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Expansion of Building Stone Quarry in Survey Nos. 45/1, 45/2, 46, 47 Part, 50/2, 51/1, 51/2, 51/3, 52 & 56/1 at Malayattoor Village, Malayattoor - Neeleswaram Panchayath, Aluva Taluk, Ernakulam District, Kerala for an area of 6.3324 Hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

DETAILS OF THE PROJECT

Name of project		Granite Building Stone Quarry of M/s. Vijaya Quarry
Category/Subcategory & Schedule		Schedule No. – 1(a) Category – B, Sub-category – B2
Location Syno/ district, Taluk/ village etc.		Survey No's: 45/1, 45/2, 46, 47 (Pt), 50/2, 51/1, 51/2, 51/3, 52 & 56/1 Malayattur village, Aluva Taluk, Ernakulam District Kerala state
GPS co-ordinates		N - 10°12'50.3" N to 10°12'58.8" N E - 76°29'31.4" E to 76°29'44.1" E
for Mining projects	Extent of area (in hectares)	6.3324 Ha
	Minimum and maximum height of excavation (MSL)	+70m AMSL to +150m AMSL sloping from southeast to northwest
	Life of mine proposed	40.8 years or say 41 years
	Ultimate depth of mining (in MSL)	Upto +50m AMSL (Minimum & Maximum depth is 20m & 100m respectively)
	Distance from the adjacent quarry	More than 50 m (approx)
	Capacity of production	75,000 TPA (250 TPD)
	Details of project cost	This is an existing project and necessary funding is already made
CRZ recommendations	The project does not require approval or clearances under CRZ Notification (1991), The Forest Conservation Act (1980) and Wild Life Protection Act (1972). since there is no declared Biosphere, Wild Life Sanctuaries, or Tiger sanctuary or migrating corridor or Coastal zone etc.	
Forest clearances		
MANAGEMENT PLAN		
AIR POLLUTION	<ul style="list-style-type: none">➤ Usage of Drill bits of good condition.➤ Use of water jet for dousing the cuttings during cutting or covering the hole with wet cloth.➤ Well-designed blast by effective stemming. Every blast is properly designed to see that the optimum breakage occurs without generating fines.➤ Proper maintenance of hauling equipment's.➤ Water sprinkling through mobile tankers system at permanent haul road. <p style="text-align: center;">Development of green belt/ barriers where ever possible.</p>	

WATER POLLUTION	<ul style="list-style-type: none">➤ Sewage generated will be properly discharged into septic tanks with soak pits.➤ The rain water falling in the quarry will be harvested up to general RL. This pit will act as a settling pond to prevent solids escaping along with discharge, before outlet etc. Besides, it is also suggested to construct a settlement pond on the northwest corner so that the water can be diverted into this pond. <p>Clear supernatant water after settling can be let out of this pond after passing through settling traps.</p>									
NOISE	<ul style="list-style-type: none">➤ Noise levels will be abated through good preventive maintenance of machineries, green belt creation, provision of ear muffs to workers, etc.,➤ Sound proof operator's cabin for equipments like dumpers, shovel, tippers, etc., <p>Ground vibration will be controlled through optimum design for burden & spacing, inclined drilling practice, using ordinary electric milli second delay detonators, in combination with detonating fuse etc.,</p>									
Solid waste Management	<ul style="list-style-type: none">➤ The total quantity of waste to be generated from the mine lease area is expected to be 340,580 m³ comprising 23,160 m³ of top soil and 317,420 m³ of overburden / waste. <p>The top soil will be used for reclamation and afforestation purpose. Small quantity of waste material generated in the initial years will be used for road formation, filling low lying areas. Waste material generated subsequently can be used for part backfilling of mined out area.</p>									
Eco restoration	<p>In the mine closure stage, the backfilled mined out area up to general RL in the quarried void will be reclaimed back with plantation. Ultimately, out of 5.5500 Ha of mined out area, 1.6304 Ha up to general RL of +70 m AMSL will be reclaimed back with plantation whereas remaining 3.9196 Ha above this level will be reclaimed with bench vegetation. The mined area will be properly fenced all around.</p>									
ABOUT THE PROJECT										
Environmental parameters considered	Description									
WATER										
Water requirement & sources	<p>The water requirement for the mining operation is as follows:</p> <table><tr><td>For domestic & sanitary needs</td><td>-</td><td>2.0 KLD</td></tr><tr><td>For dust suppression and Plantation etc.,</td><td>-</td><td rowspan="2">} 10.0 KLD</td></tr><tr><td>Total</td><td>-</td><td>12.0 KLD</td></tr></table> <p>The source of water for mining operation is met from mine sump, RWH pond while the domestic & sanitary water requirement is being met from well.</p>	For domestic & sanitary needs	-	2.0 KLD	For dust suppression and Plantation etc.,	-	} 10.0 KLD	Total	-	12.0 KLD
For domestic & sanitary needs	-	2.0 KLD								
For dust suppression and Plantation etc.,	-	} 10.0 KLD								
Total	-		12.0 KLD							

RWH units proposed	<ul style="list-style-type: none"> ➤ The rain water falling in the quarry will be harvested up to general RL. This pit will act as a settling pond to prevent solids escaping along with discharge, before outlet. ➤ A settlement pond will be conducted on the northwest corner so that the water can be diverted into this pond. ➤ Clear supernatant water after settling can be let out of this pond after passing through settling traps.
Facilities for liquid waste treatment	The only effluent arising from project is domestic waste to the maximum of about 1.2 KLD. This is disposed into septic tanks with soak pits.
Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	Not Applicable
Water quality meeting requirements	The rain water falling in the quarry will be harvested up to general RL. This pit will act as a settling pond to prevent solids escaping along with discharge, before outlet. A settlement pond on the northwest corner will be constructed so that the water can be diverted into this pond. Clear supernatant water after settling can be let out of this pond after passing through settling traps.
Does it have provisions for use of recycled water	Other than using of mine sump water no other recycling envisaged.
LAND	
Proximity to forest lands	Malayattur R.F – >500m (NE), Karakkad RF - >700m (W), Kurisumudi RF – >500m (E)
Is the land assigned for any other special purpose; Give details	Nil
Access road to the site –Width & Condition	The project is approachable directly from the Kannimangalam PWD road connected to Kaladi – Malayattoor road which in turn is connected to NH-47 (old NH-544).
Storage of explosives /hazardous substances	Necessary permission from Deputy Chief Controller of Explosives, Ernakulam obtained vide Explosive License No: E/SC/KL/22/892(E41544) Dated: 13.02.2015, which is valid up to 31.03.2019
Facility for solid waste mgmt.	<ul style="list-style-type: none"> ➤ The total quantity of waste to be generated from the mine lease area is expected to be 340,580 m³ comprising 23,160 m³ of top soil and 317,420 m³ of overburden / waste. ➤ The top soil will be used for reclamation and afforestation purpose. Small quantity of waste material generated in the initial years will be used for road formation, filling low lying areas. Waste material generated subsequently can be used for part backfilling of mined out area. ➤ Liquid domestic effluents are minimal and let out into septic tank and soak pits.

Topographic features/ slope	In the lease area the granite deposits occur in a sloping terrain with the RL in the range of +70m AMSL to +150m AMSL sloping from southeast to northwest.
Proneness of the area for landslides	Granite occur here as a hard massive rock which can withstand steep slopes. Hence not prone to landslides.
Significant land disturbance resulting in erosion, subsidence & instability	This being an opencast mine there will not be any subsidence. The bench slopes will be maintained as per DGMS rules and requirement and hence there cannot be any instable slopes. There will be land disturbance due to mining activity. The mined out area will be ultimately refilled and reclaimed to the maximum possible extent.
Top soil, overburden etc.	Total quantity – 340,580 m ³ Top soil – 23,160 m ³ Overburden – 317,420 m ³
AIR	
Air quality meeting requirements	The result of Ambient Air Quality carried out at 4 locations for PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ were found to be well within the prescribed NAAQ limits.
Noise level meeting requirements	Noise level will be maintained within the prescribed standards.
Likely emissions affecting environment	There will be some dust emission due to mining and allied activities which will be controlled by following measures like: <ul style="list-style-type: none"> • Proper maintenance of HEMM • Frequent water sprinkling • Development of greenbelt • Covering of transport material with tarpaulin cover etc.,
ENERGY	
Energy requirement	No electricity is needed for quarry operations etc., as only diesel operated mining machinery are used for quarrying. However, the power requirement of the administrative buildings, roads etc., are met from state grid. The peak power demand is expected to be 100 KVA. Besides, standby generators available to meet the emergency power requirement of the mines.
Energy sources	KSEB, Stand by DG set
Extent of usage of alternative energy resources	Not applicable
BIODIVERSITY	
Presence of any endangered species or red listed category	Nil
Loss of native species and genetic diversity	Not Applicable
Likely displacement of fauna	No

Any introduction of alien / invasive species	Nil	
SOCIAL ASPECTS		
Proximity to nearest habitation	More than 100 m away	
CSR components suggested		
Sl. No.	Description (next 5 years)	Approx. Amount proposed (Rs. In Lakhs)
1	Providing Fund/ Provisions to Govt. School, in nearby villages	7.5
2	Extending educational aid in monetary form to poor and needy persons in nearby villages	2.5
2	Medical aid by monetary contribution to the destitute and poor local persons, as necessary	5.0
3	Maintenance & Reconstruction of Panchayat road	5.0
4	Providing aggregates free of cost for construction of houses for poor families and at low cost for lower class families	5.0
Total		25.0
<p>For future combined CSR activities, need based assessment for the local community to the tune of Rs. 25 Lakhs is made and budgetary provision of Rs. 5 lakhs per year is provided.</p>		
GENERAL		
Biomedical waste management	Not Applicable	
E-waste management	Not Applicable	
Sufficiency of parking spaces/ traffic management	The entire quarried stone from this lease is directly despatched to own crusher unit located outside the lease area.	
Litigation/ court cases, if any, against the project (Provide details)	Nil	
ADDITIONAL CLARIFICATIONS		
Details of Authorised Signatory	Sri. Joemon Joseph, Proprietor, M/s Vijaya Quarry Works, VI/492 A, Edathala building, Kalady, Ernakulam – 683584	
Details of NABET approved EIA consultant organisation	Creative Engineers & Consultants, 9/4b, Barathwajar Street, East Tambaram, Chennai – 600 059. PH – 044 – 22395170, Mobile : 9444133619 Email – cecgiri@yahoo.com	

2. The case was first considered in the 19th SEAC meeting held on 9th and 10th September 2013 and was deferred for site inspection and seeking additional clarifications for further processing of the application. Subsequently, a subcommittee of SEAC consisting of Dr. N.G.K. Pillai, Chairman, SEAC; Sri. P. Sreekantan Nair, Secretary, SEAC and Sri. John Mathai, Member, SEAC inspected the site on 24th September 2013. The proponent has earlier stated that there is litigation [W.P. (C) 28087 of 2011] pending against the lease area in the Hon: High Court of Kerala and no orders or directions has been passed regarding the same which is pending since 2011. Since the proponent has submitted the clarifications/ additional documents, the matter was placed before SEAC in its 23rd meeting held on 6th and 7th January 2014 as agenda item no. 23.12 for verification of the documents and decision. The Committee, in its 23rd meeting deferred the item for want of details on the Writ Petition before the Honourable High Court and for receipt of the documents called for earlier. The proponent was also directed to provide the details on the current status of the pending litigation with documentary evidence, for taking any further decision in the matter. On submission of the documents, the proposal was placed for reconsideration of SEAC in its 25th meeting held on 14th and 15th February 2014.

3. The Committee found that the proponent has not submitted the final orders from the Hon: High Court of Kerala on the W.P. (Civil) 28087/2011 (S) and hence decided to keep the project in abeyance till a final verdict on the same is made available by the proponent. The W.P. (c) 28087/2011 was disposed of by High Court by transferring the case to the NGT (SZ) Chennai to be decided under the National Green Tribunal Act. Also the proponent informed that the said case was not particularly against his quarry but against stopping the entire quarrying activities in the area.

The position was brought to the notice of SEIAA in its 25th meeting held on 28.02.2014, wherein it was resolved to direct the proponent to produce the verdict of NGT, and the proposal returned to SEAC to consider all these in detail and to report. The matter was further examined in the 26th meeting of SEAC held on 20-21/03/2014. SEAC held that since the matter is still pending in the NGT, the proposal can be considered only if the final verdict is known. Hence the case was deferred for submission of the orders of the NGT.

4. Meanwhile the applicant moved the High Court in W.P(c) No. 19690/2014. It was disposed of on 20.08.2014 with the following observations:

“The pendency of the Writ Petition or the matter before the NGT, cannot be a ground to deny any environmental clearance, if otherwise the person who applies is entitled for that, unless the Court or Tribunal interdict issuance of such clearance. The right to carry business is the fundamental right, unless it is regulated and restricted in accordance with the procedure established by law. The restriction of mining operation is regulated through various environmental regulations. The respondent authority constituted under statute to take a decision in the matter is pending before the Tribunal. That would amount to putting a fetter on its own power to be exercised in terms of the regulation. In view of the fact there is no interdiction from the competent Court / Tribunal for granting environmental clearance, necessarily the petitioner’s application has to be considered in accordance with law. Accordingly the decision in Exp. P6 of Items 26.27 and 26.29 to defer the proposal of the petitioner is set aside to the extent above and there shall be a direction to the respondent to consider the application made by the petitioner in accordance with law in next meeting itself.”

5. In the 35th meeting of SEIAA, it was decided to call for approved mining plan for plan sought for is submitted, the proposal was placed in the 48th meeting of SEAC held on 6th and 7th, November 2015. The proponent remained absent. Further to the intimation of SEAC, the proponent attended the meeting. The committee found that the proposal was considered by the previous committee after presentation. The proponent has submitted Mining Plan as per rules. The committee also verified that the field inspection of the proposed project was conducted by the previous committee on 24.09.2013.

6. The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to recommend for issuance of Environmental Clearance for mining with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing needed by the side of old pit with steep faces. The main access road by the side of the pit must have protective pillars.
2. Water must be clarified before it is let out.
3. OB has to be stacked at designated place for future reclamation.
4. The present bench height of 10m must be reduced to 5m.
5. Additional green belt must be ensured on the southern and eastern side.

7. Authority in its 48th meeting of SEIAA held on 23-01-2016 considered the recommendations and decided to grant E.C to the project subject to the above recommendations and the decisions in the Application now pending before the NGT (SZ). State Environmental Impact Assessment Authority, Kerala hereby accord environmental clearance for the quarry project owned by Sri. Joemon Joseph, M/s Vijaya Quarry Works, VI/492 A, Edathala building, Kalady, Ernakulam – 683584 in Survey Nos. 45/1, 45/2, 46, 47 Part, 50/2, 51/1, 51/2, 51/3, 52 & 56/1 at Malayattoor Village, Malayattoor - Neeleswaram Panchayath, Aluva Taluk, Ernakulam District, Kerala under the EIA notification 2006, subject to the specific condition in para 6 and with the general conditions stipulated for mining projects. the E.C. will be subject to the result of the application now pending before NGT (SZ).

8. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures as assured in the enclosure 6 to the Environment Management Plan in the Pre-Feasibility report mining features and including progressive mine closure plan as per the approved mining plan and relied on for grant of this clearance. The above undertakings and the conditions and undertakings in the above documents will be deemed to be part of these proceedings as conditions as undertaken by the proponent, as if incorporated herein.

9. Validity of the environmental clearance will be five years form the date of this clearance, subject to earlier review in the event of violation or non- compliance of any of the conditions stipulated herein.

10. Compliance of the conditions herein will be monitored by the Directorate of Environment and Climate Change or its agencies and also by the regional office of the Ministry of Environment & Forests, Govt. of India, Bangalore.

i) Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

(ii) Instances of violation if any shall be reported to the District Collector, Ernakulam to take legal action under the Environment (Protection) Act, 1986.

The given address for correspondence with the authorised signatory of the project is Sri. Joemon Joseph, M/s Vijaya Quarry Works, VI/492 A, Edathala building, Kalady, Ernakulam – 683584.

Sd/-

P. MARA PANDIYAN, I.A.S.
Member Secretary, SEIAA

&

Addl. Chief Secretary
Environment & Forests Department
Government of Kerala.

To,

Sri. Joemon Joseph,
M/s Vijaya Quarry Works,
VI/492 A, Edathala building,
Kalady, Ernakulam – 683584

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The District Collector, Ernakulam
4. Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm-24
5. Director, Mining & Geology, Thiruvananthapuram-4.
6. The Secretary, Malayattoor - Neeleswaram Grama Panchayat, Neeleswaram, Kerala 683574
7. Chairman, SEIAA, Kerala
8. Website
9. S/f, O/c



Forwarded/ By Order

G. Rajeev,
Administrator,
G. RAJEEV
Administrator

State Environment Impact Assessment Authority
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STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA
GENERAL CONDITIONS (for mining projects)

- (i) Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
- (iv) Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project. .
- (v) Sprinklers shall be installed and used in the project site to contain dust emissions.
- (vi) Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- (vii) At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumpings and overburden and planted with indigenous plant species that are eco-friendly.
- (viii) Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
- (ix) *The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine.*
- (x) Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
- (xi) Control measures on noise and vibration prescribed by KSPCB should be implemented.
- (xii) Quarrying activities should be limited to day time as per KSPCB guidelines.
- (xiii) Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
- (xiv) A licensed person should supervise/ control the blasting operations.
- (xv) Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
- (xvi) Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.
- (xvii) Height of benches should not exceed 5m and width should not be less than 5m.
- (xviii) Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
- (xix) *Maximum depth of mining from general ground level at site shall not exceed 10m*
- (xx) No mining operations should be carried out at places having a slope greater than 45°.
- (xxi) Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.
- (xxii) The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
- (xxiii) Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
- (xxiv) The transportation of minerals should be done in covered trucks to contain dust emissions.
- (xxv) The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- (xxvi) Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
- (xxvii) Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
- (xxviii) *A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided*

- (xxix) 200 m buffer distance should be maintained from forest boundaries.
- (xxx) Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.
- (xxxi) All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- (xxxii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xxxiii) The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xxxiv) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (xxxv) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
- (xxxvi) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.
- (xxxvii) The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xxxviii) The details of Environmental Clearance should be prominently displayed in a metallic board of '3ft X 3ft' with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
- (xxxix) The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
- (xl) The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.



Forwarded/ By order

[Signature]
 Administrator,
 G-SEIAA,
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 Thiruvananthapuram-695024
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