



# Proceedings of the State Environment Impact Assessment Authority Kerala

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

Sub: SEIAA- Environmental Clearance for the proposedbuilding stone quarry project in Sy. Nos.143/2,143/4, 144/1, 144/2, 144/3, 146/1, 146/2, 146/3, 147/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 148, 149/4, 152/4, 152/5, 152/6, 152/7, 152/8,152/9, 152/10, 152/11, 152/12, 152/13, 152/14 and 152/15 at V-Kottayam Village, Konni Taluk (formerly known as Kozhenchery Taluk), Pathanamthitta district by 'Building Stone Quarry project of K. Sadanandan, Ampadiyil New Bunglow, Pannivizha, M.G. Road, Adoor, Pathanamthitta'.- Granted . Orders issued.

#### STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

#### No.200/SEIAA/EC4/86/2014

dated, Thiruvananthapuram 10-8-2015

Read:- 1. Application dated 7-12-2013 submitted by Sri.K. Sadanandan, Managing partner, J& S granite Company, Mupparamon, V. Kottauam, Pathanamthitta.dist.

- 2. Minutes of the 25<sup>st</sup> meeting of SEAC held on14/15-2--2014.
- 3. Minutes of the 32<sup>nd</sup> meeting of SEAC held on 12/13-8-2014.
- 4. Minutes of the 38<sup>th</sup> meeting of SEAC held on 28/30-4-2015.
- 5. Minutes of the 39<sup>th</sup> meeting of SEAC held on 14/15-5-2015.
- 6. Minutes of the 39<sup>th</sup> meeting of SEIAA held on 18-62015.
- 7. Minutes of the 40<sup>th</sup> meeting of SEIAA held on 3/4-8-2015.

## Environmental Clearance No. 58

Sri. K. Sadanandan, Ambadiyil New Bunglow, Pannivizha, M.G. Road, Adoor, Pathanamthitta' has applied for Environmental Clearance vide application received on 9-12-2013 for the quarry project of M/s J and S Granites Company from 6.4540 hectares of land in Sy Nos. 147/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 148 and 149/4 at V-Kottayam Village, Kozhenchery Taluk, Pathanamthitta District, Kerala. 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 18<sup>th</sup> 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) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The Proposed project site falls within 90 12' 25.669" N to 90 12' 40.546" N and 760 2. 48' 11.079" E to 76<sup>0</sup> 48' 33.907" E. The land use classification as per revenue records is private land and Government land. Out of the total area 15.3829 ha, 11.1004 ha is Government land and the remaining 4.2825 Hh land is private land. The proposed project is for quarrying of 5, 13,000 MTA of building stone from an area of 15.3829 hectares of land. The expected life of mine will be 10 years. Forest land is not involved in the project. The ultimate depth of the mine workings is estimated to be 45 m above MSL. The highest elevation is about 180 m above MSL towards North of the quarry area and the lowest elevation is about 125 m above MSL south of the quarry. The lease area is sloppy from south east to south west. The slope is moderate to steep. There is no vegetation within the quarry area. The proposed project does not involve any underground mining activities. The mining will be done by open cast mechanized method. The bench height and width will be 5 m and 5 m respectively. The current proposal is new quarry and hence no alternate site was examined as the project is mineral specific. As stated by the proponent, there is no litigation pending against the lease area / applicant of the lease area in any court of law. Achankovil River is located at a distance of 3.5 km towards NW direction. As per Building Material and Technology Promotion Counsil (BMTPC) Vulnerability Atlas of seismic zone of India, the area falls in seismic zone III, which is moderately damage risk zone. The generated overburden will be dumped in the area earmarked for the purpose. During the post mining closure, the entire material will be used for backfilling of worked out pit in the quarry pit.

# 3. BASIC INFORMATION OF THE PROJECT

Distance from the adjacent quarry	Within 500 m		
Details of project cost	Rs.5 Crores		
Environmental Parameters Considered			
WATER			
Water requirement & sources	The main source of water is from Bore well.  Domestic consumption = 1.8 KLD  Dust suppression = 32 KLD  Plantation = 1.5 KLD		
RWH units proposed	Yes Rain water collection pond		
Facilities for liquid waste treatment	About 8 KLD domestic effluent will be generated and effluent will be treated through CPCB approved septic tank and soak pit design		
Impoundment, damming, culverting, realignment or other changes to the hydrology of	No impoundment, damming, culverting, realignment or other changes to the hydrology of surface water courses.		

watercourses or aquifers?			
Water quality meeting	Monitoring and analysis carried out and results		
requirements	found within the permissible limits		
Does it have provisions			
for use of recycled water	Not applicable		
	LAND		
Proximity to forest lands	No		
Access road to the site – Width & Condition	7 m.		
Storage of explosives	Explosives will be stored as per Explosives		
/hazardous substances	Act/Rules.		
Facility for solid waste mgmt	Solid waste will be dumped separately in area earmarked for the purpose. At the post mining stage entire material will backfilled in the quarry pit		
Proneness of the area for landslides	No		
Significant land disturbance resulting in erosion, subsidence & instability	No		
Top soil, overburden etc.	Top soil -8500 tonnes Overburden - 17,600 tons per year		
AIR			
Likely emissions affecting environment	Diesel engine emissions, fugitive dust emission, & emissions from movement of vehicles like dumpers, trucks, tankers etc. will also generate.		
	ENERGY		
Energy requirement	No power required for quarry process. For office buildings, electricity is from KSEB. Diesel driven compressor will be used for drilling purpose and 125 KVA DG set for backup power.		
Energy sources	From diesel engine.		
Extent of usage of			
alternative energy	1 Nos. of DG 125 KvA		
resources			
BIODIVERSITY			
Presence of any endangered species or red listed category	No		
Loss of native species and genetic diversity	No		
Likely displacement of	No		

fauna				
Any introduction of alien / invasive species	No			
SOCIAL ASPECTS				
Proximity to nearest habitation	254 m NW and 323 m N			
CSR related to the project / allocation / time frame (details mandatory)	As a part of Corporate Social Responsibility, it is proposed to spend Rs. 5 Lakhs per annum for different social activities, Rs. 4 Lakhs for construction of bus shelter and provision of solar street lighting in nearby village. Besides 1% of annual profit shall be given to concerned Panchayat for Biodiversity management committee towards ecorestoration.			
GENERAL				
Does it propose environment management plan	Yes			
Does it have eco restoration programmes	Yes			
Litigation/court cases, if any, against the project (Provide details)	No			

# OTHER DETAILS OF THE PROJECT PROPOSAL

Right & nature of ownership of land	Own land = 4.2825 Ha
raight & nature of ownership of faild	Government Land = 11.1004 Ha
Is the property forest land/govt. land/own	Own land = 4.2825 Ha
land	Government Land = 11.1004 Ha
Details of Authorised Signatory	Sri. K. Sadanandan,
	Ampadiyil New Bunglow,
	Pannivizha, Adoor,
	Pathanamthitta-691523
	Tel.Ph.No.Off: 0468-2305120
	Mob:9847268883, 9447359228
	Email: ampadiyilgroup@yahoo.com

Details of NABET approved EIA consultant organisation	M/s Metamorphosis Project Consultants Pvt. Ltd, 143, 2 <sup>nd</sup> Floor, 39 <sup>th</sup> Main, 4 <sup>th</sup> Cross Behind Silk Board, BTM Layout 2 <sup>nd</sup> Stage, Bengaluru-560068 Email: mail@metaorphosis-india.com
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- 4. The proposal was considered as agenda item no. 25.11 in the 25<sup>th</sup> SEAC meeting held on 14<sup>th</sup> and 15<sup>th</sup> February 2014. The Committee found that the documents provided by the proponent did not clearly demarcate the proposed mining area and hence the proponent was directed to provide cadastral map of the entire area in which the proposed mining area is superimposed. The Committee found that out of the 60 acres of land, the proponent owns less than 20 acres and the remaining land is owned by other family members. The Committee raised concern as to whether the area is contiguous and decided to ascertain the same during site visit. The Committee was also not satisfied with the environmental quality analysis reports provided by the proponent and hence directed to provide the primary data on the same taken from four different locations of the project site, especially the water analysis. The Committee deferred for site visit to assess whether the contiguous area is fragmented for EC application just to get it included as B2 category and directing the proponent to provide the following to SEAC for further processing of the application:
- 1. Cadastral map of the entire area in which the proposed mining area is superimposed.
- 2. Primary data on environmental quality analysis. Air, water and noise analysis reports.
- 3. Water quality analysis reports on samples taken from four different locations of the project site.

Subsequently the proponent submitted the additional clarifications/documents sought which was placed before SEAC for verification of the same and for appraisal. In the mean time, SEAC got the site inspected. The site inspection report contains the following observations:

This is an existing quarry about 3 km east of Vallikode. The south and east facing slopes of a hillock is quarried extensively by J & S granites and Ampadiyil granites with no clear cut boundary between the two units. They are contiguous and the quarry operation in the area is as though it is one unit. Other ancillary units appear to be common. Hence the entire area may be taken as one unit for the present assessment. Rubber plantations are seen around the quarry where overburden is seen. The rock is patchy charnockite oriented E-W and traversed by QF bands. Settlement is not seen within 100 m distance. RWH is seen in the area. The following recommendations are made:

1. The cadastral map of the quarry given is of block 46 while the description is of block 31. This discrepancy may be clarified with authentic documents.

- 2. Possibility of considering the two operational quarries under the same management as one unit.
- 3. Superimpose the cadastral map of the quarry area on the google image so that the boundaries of the quarry are clearly visible and assessment of the area can be done with greater precision.
- 4. Steep slopes are seen on the working faces and benches are ill defined. Since the overall difference in elevation between the working faces at different levels exceed 70 m, a comprehensive mine plan is essential for both the quarries. The steep faces on the lower part must be left out at present and a top to bottom working plan must be evolved for safety.
- 5. Garland drains and catch water drains are not provided. The storm water flows out in an unplanned manner. It is essential to manage the dust laden storm water by providing defined channels and clarifying the silt before it is let out of the premises.
- 6. Blasting to be limited to predefined times and not more than 2 times a day.
- 7. Ultimate depth of mining to be defined by the stream bed. But it must be reported with reference to MSL.

The proposal was placed in 32<sup>nd</sup> SEAC. Committee deferred the project directing the proponent to submit the following details:

- 1. Cadastral map of the proposed area
- 2. Superimposed cadastral map of the area showing the clear boundary and comprehensive mine plan for both quarries i.e. J & S granites and Ampadiyil granites.
- 3. Make the two quarries (i.e. J & S granites and Ampadiyil granites) as a single unit without boundary between two.

As per the decision taken by 32<sup>nd</sup> SEAC, the proponent submitted combined application for both quarries i.e., J & S Granite Company and Ampadiyil Granites, on 23-10-2014, which covers Sy. Nos.143/2,143/4, 144/1, 144/2, 144/3, 146/1, 146/2, 146/3, 147/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 148, 149/4, 152/4, 152/5, 152/6, 152/7, 152/8,152/9, 152/10, 152/11, 152/12, 152/13, 152/14 and 152/15for total area is 15.3829 ha.On 31-10-2014, SEAC entrusted Sri. John Mathai, Member SEAC, to study the documents submitted by M/s J & S Granites, V. Kottyam, Pathanamthitta to submit report to the Committee. The major points as per the reports on the functions of the quarries is as under:

During the field visit it was seen that the south and east facing slopes of a hillock is quarried extensively by J&S granites and Ampadiyil granites with no clear cut boundary between the two units. They are contiguous and the quarry operation in the area is as though it is one unit with common ancillary units. Hence it was suggested that the entire area may be taken as one unit for the present assessment. It is also seen that

a) The cadastral map of the quarry given in the report is of Block 46 while the description is of Block 31. This discrepancy was expalined to be due to bifurcation of the Village. However, the matter needed to be clarified with authentic documents. The map given as Plate 4 in the present document is a composite map covering the area under consideration with survey numbers, prepared on a different scale and attested

- by Village Officer. However it is not a copy of the original cadastral map. The discrepancy in Block numbers is also not expalined. Hence this map needs to be submitted afresh.
- b) Superimposition of the cadastal mapof the quarry area on the Google image was suggested so that the boundaries of the quarry are clearly visible and assessment of the area can be done with greater precision. The Google map supplied does not have the survey boundaries. Hence this also needs to be submitted afresh.
- c) Since the overall difference in elevation between the working faces at different levels exceed 70 m, a comprehensive mine plan is essential for both the quarries.
- d) The NOC from the District Collector is available for some of the Govt. Puramboke lands while for other Govt. Puramboke lands it is not provided with the report. The lease deed executed with the Dept. of Mining and Geology for these lands on an earlier occasion may not be a substitute for NOC from Revenue authorities.
- e) It is also necessary to evaluate the site afresh.
- 5. In the mean time Sri. Sadanandan, M/s J and S Granites filed WPC . No. 29005/14 before the Hon'ble High Court of Kerala,in which the Hon'ble High Court of Kerala delivered a judgement on 23-02-2015, holding that once the Committee is constituted, the application by petitioner shall be considered by SEIAA within a period of 'one month'. The proponent has submitted the documents such as, Approved Mine Plan, Approved Mine Plan Certificate, certificates of Tahsildar and Village Officer stating Block no clarification and Litho map/ survey map from Survey department, Pathanamthitta.
- 6. The proposal was placed in the 38th meeting of SEAC held on 28th, 29th and 30th April 2015 as agenda item no. 38.02. The Committee took a decision to inform the proponent that a letter/order approving the Mining Plan should be produced from the authority who has approved the Mining Plan by affixing signature and seal in the first and last pages. Further the Committee decided to have a presentation to get clarifications on the points raised by the subcommittee in its field visit report.
- 7. The proposal was again placed in the 39<sup>th</sup> meeting of SEAC held on 14<sup>th</sup> and 15<sup>th</sup> May 2015 as agenda item no. 39.07. The proposed item is an existing building stone quarry of total extent of 15.39 HA. There is a crusher unit associated with quarry. The project proponent informed that some portion of the total proposed area is not working due to expiry of lease period. The proponent informed that the Mining Plan is valid for a period for 5 years. On the query raised by the Committee regarding the water requirement the proponent informed that around 35 KLD water is required and the source of water is rain water harvesting pond. On verification of the proposal and the documents submitted the Committee found that NOC from District collector to all survey numbers and NOC for the Government Purambokkuu land as suggested by the former Committee are submitted.

- 8. 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 *recommended* the issuance of Environmental Clearance with the following specific conditions in addition to the general conditions stipulated for mining projects.
- Blasting to be limited to predefined times and not more than 2 times a day.
- Ultimate depth of mining to be defined by the stream bed. But it must be reported with reference to MSL.
- Reclamation and eco-restoration should be done by planting indigenous tree species.
- The Authority in its 39<sup>th</sup> meeting considered the proposals as appraised and 9. recommended by SEAC and to grant E.C subject to the specific conditions, recommended for by SEAC, on production of cluster condition certificate from the District Geologist Pathanamthitta and an affidavit of the proponent that the mining area is having a minimum distance of 200meters from notified P.As W.L.S and ESAs and on CSR..Meanwhile, as per the representation dated 26-6-2015 submitted by Sri. K. Sadanandan for changing the name of quarry as K. Sadanandan, Ampadiyil New Bunglow, Pannivizha, M.G. Road, Adoor, Pathanamthitta instead of M/s J&S Granites Company, the SEIAA in its 40<sup>th</sup> meeting approved the request of the proponent subject to satisfaction of a condition on production of a notarised affidavit to the effect that the change in name of the firm is bonafide and there is no change in other details as a furnished in the Form 1 application regarding ownership and other legal details furnished such as affidavit has also since submitted. The documents called for having been submitted and on being satisfied that there are no other quarry in operation within 500 meters of this quarry, and there is no notified protected areas, Wild Life sanctuaries, or Ecologically Sensitive Areas within 200 meters from the periphery of the mining area, and there is proper undertaking that the committed CSR activities will be implemented the State Environmental Impact Assessment Authority, Kerala hereby accord environmental clearance under the EIA notification 2006, for the quarry project of K. Sadanandan, Ambadiyil New Bunglow, Pannivizha, M.G. Road, Adoor, Pathanamthitta in 15.3829 Ha Sy. Nos.143/2,143/4, 144/1, 144/2, 144/3, 146/1, 146/2, 146/3, 147/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 148, 149/4, 152/4, 152/5, 152/6, 152/7, 152/8,152/9, 152/10, 152/11, 152/12, 152/13, 152/14 and 152/15 at V-Kottayam Village, Konni Taluk, Pathanamthitta district District with the following specific conditions, in addition to the general conditions stipulated for mining projects as appended hereto:
- Blasting to be limited to predefined times and not more than 2 times a day.
- Ultimate depth of mining to be defined by the stream bed. But it must be reported with reference to MSL.
- Reclamation and eco-restoration should be done by planting indigenous tree species.
- 10. 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 Chapter 4 of the Environment Management Plan and the mining features including progressive mine

closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and the conditions and undertakings in chapter 2 (Mining), Chapter 3 (Mine Drainage), Chapter 4 (stacking of mineral rejects and disposal of wastes) Chapter 8 (EMP) of the Mining Plan and the entire Progressive Mine Closure Plan as submitted will be deemed to be part of these proceedings as conditions as undertaken by the proponent, as if incorporated herein.

- 11. 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.
- 12. 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, Pathanamthitta to take legal action under the Environment (Protection) Act 1986.
  - iii) The given address for correspondence with the authorised signatory of the project is Sri. K. Sadanandan, Ampadiyil New Bunglow, Pannivizha, M.G. Road, Adoor, Pathanamthitta'

Sd/P.MARA PANDIYAN, I.A.S,
Member Secretary (SEIAA)

Principal Secretary
Environment & Forests Department.
Government of Kerala.

To,

K. Sadanandan,Ampadiyil New Bunglow,Pannivizha,M.G. Road, Adoor,Pathanamthitta-691523

Copy to:

MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E& F Wing, II block, Koramangala, Bangalore-560034.

Principal Secretary to Government, Environment Department
The District Collector, Pathanamthitta

The Director, Department of Environment & Climate Change.

The Director, Mining and Geology Department, Govt. of Kerala

The Secretary, Pramadam GramaPanchayat, V. Kottayam, Konni, Pathanamthitta-689646

Chairman SEIAA.

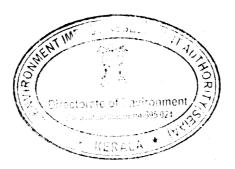
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Administrator, SEIAA



## 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 dumping 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 5 m and width should not be less than 5 m.
- (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 3 ft x 3 ft 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

