



Validity expires on 16.03.2023

Proceedings of the State Environment Impact Assessment Authority Kerala

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

**Sub: SEIAA- Environmental clearance for the quarry project in Sy. No. 380/3-2, 164/1-26, 164/1-151, 164/1-93, 164/1-31, 164/1-80, 164/1-32, 164/1-29, 164/1-79, 164/1-38, 164/1-101, 164/1-91, 164/1-92, 164/1-19, 164/1-90, 368/3, 368/4, 164/1-95, 164/1-108, 164/1-148, 164/1-156, 164/1-157, 164/1-158, 164/1-159, 164/1-160, 164/1-161, 379/1-2, 379/6, 379/7-2, 164/1-39, 164/1-149, 164/1-30 and 380/3, at Ayyampuzha Village, Ayyampuzha Panchayat, Aluva Taluk, Ernakulam District, Kerala by Sri. Joseph Jacob, -
Granted – Orders issued.**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

No. 961/SEIAA/EC3/4471/2015

Dated, Thiruvananthapuram, 17.03.2018

- Ref:
1. Application dated 24.10.2015 from Sri. Joseph Jacob, Managing Director M/s Poabs Granite Products Pvt. Ltd. Kuttoor P.O., Thiruvalla, Kottayam District, Kerala-689106.
 2. Minutes of the 58th Meeting of SEAC, Kerala, held on 28th & 29th June, 2016.
 3. Minutes of the 61st meeting of SEAC held on 11th August 2016.
 4. Minutes of the 60th meeting of SEIAA, held on 27th October 2016.
 5. Minutes of the 68th meeting of SEAC held on 20th & 21st February 2017.
 6. Minutes of the 76th meeting of SEIAA held on 16th November 2017.
 7. Minutes of the 79th meeting of SEIAA held on 09th January 2018.
 8. Minutes of the 81st meeting of SEAC held on 08.03.2018.
 9. Affidavit dated 16.03.2018 from Sri. Joseph Jacob, Managing Director, M/s Poabs Granite Products Pvt. Ltd.

ENVIRONMENTAL CLEARANCE NO. 36/2018

Sri. Joseph Jacob, Managing Director, M/s Poabs Granite Products Pvt. Ltd., Kuttoor P.O., Thiruvalla, Kottayam District, Kerala-689106., vide his application received on 27/10/2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 380/3-2, 164/1-26, 164/1-151, 164/1-93, 164/1-31, 164/1-80, 164/1-32, 164/1-29, 164/1-79, 164/1-38, 164/1-101, 164/1-91, 164/1-92, 164/1-19, 164/1-90, 368/3, 368/4, 164/1-95, 164/1-108, 164/1-148, 164/1-156, 164/1-157, 164/1-158, 164/1-159, 164/1-160, 164/1-161, 379/1-2, 379/6, 379/7-2, 164/1-39, 164/1-149, 164/1-30 and 380/3, of

Ayyampuzha Village, Ayyampuzha Panchayat, Aluva Taluk, Ernakulam District, Kerala State for an area of 15.0589 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 Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Details of the project as furnished by the applicant are as follows:-

BASIC INFORMATION

Name of project		Quarry project of M/s Poabs Granite Products Pvt. I.td.
Brief description of the project		Quarry project with an area of 15.0589 ha. & production capacity of 3,00,000 MTA
Category/Subcategory & Schedule		Category B/B/2 & Schedule 1 (a)
Location Sy no/ district, Taluk/ village etc.		Survey Nos. 380/3-2, 164/1-26, 164/1-151, 164/1-93, 164/1-31, 164/1-80, 164/1-32, 164/1-29, 164/1-79, 164/1-38, 164/1-101, 164/1-91, 164/1-92, 164/1-19, 164/1-90, 368/3, 368/4, 164/1-95, 164/1-108, 164/1-148, 164/1-156, 164/1-157, 164/1-158, 164/1-159, 164/1-160, 164/1-161, 379/1-2, 379/6, 379/7-2, 164/1-39, 164/1-149, 164/1-30 and 380/3, Village & Panchayat Ayyampuzha, Aluva taluk, Ernakulam District, Kerala
for Mining projects	Extent of area (in hectares)	15.0589 ha.
	Minimum and maximum height of excavation (MSL)	135 m MSL and 250 m. MSL
	Life of mine proposed	About 38 years
	Ultimate depth of mining (in MSL)	135 m. MSL
	Distance from the adjacent quarry	There are two quarries for total area of 3.6366 ha. (Mr. Paulson P Varkey for an area 1.6366 ha. + M/s Udaya Rock Products for an area of 2.00 ha.) in operation within 500 m. radius.
	Capacity of production	3,00,000 MTA
	Details of project cost	About Rs. 9.50 Crores

<i>Financial statement including funding source and details of insurance</i>	Insurance = Insurance to the quarry workers provided through insurance company. Source of funding = Own source & Bank loan
<i>CRZ recommendations</i>	Not applicable
<i>Forest clearances</i>	
<i>Does it attract violation proceedings</i>	Not applicable
<i>Env't Mgmt plan/ Eco restoration plan (brief details)</i>	Provided
ABOUT THE PROJECT	
<i>Environmental parameters considered</i>	<i>Description</i>
LAND	
Proximity to forest lands	Malayatoor forest, 7 km., NW
Access road to the site –Width & Condition	7 m. tarred road, W side
Storage of explosives /hazardous substances	Yes, Explosives will be stored as per Explosive Act / Rules.
Facility for solid waste mgmt	The municipal solid waste will be suitably disposed.
Topographic features/ slope	Part of the proposed area is already mined and remaining area is hilly area covered with some native tree, climbers, grass, shrubs, herbs etc. Slope = towards SE side.
Proneness of the area for landslides	No
Significant land disturbance resulting in erosion, subsidence & instability	No
Top soil, overburden etc.	Top soil = 58,393 cu.m. Over burden = 21,411 cu.m.
BIODIVERSITY	
Presence of any endangered species or red listed category	No
Loss of native species and genetic diversity	Yes, For the quarrying activity all of native tree species, shrubs, herbs, climbers etc. existing at project site will be cleared.
Likely displacement of fauna	No
Any introduction of alien / invasive species	No

SOCIAL ASPECTS

Proximity to nearest habitation 218 m., E side

Common CSR ACTIVITIES already carried out		
Sl. No	Particulars	Rs in lakhs
1.	Repairing work to the Govt. school building located near to the site.	0.5
2.	Participating in the social forestry activities of the Panchayat	0.3
3.	Helping to the poor people for the marriage of their girls	1.2
4.	Distribution of school stationary items to poor students	0.5
5.	Supply of building material for the construction / maintenance of Govt. dispensary located nearby the area	1.0
6.	Maintenance of Panchayat roads located near to the site	1.5

CSR related to the project/ allocation/ time frame (details mandatory)

Proposed common CSR Budget		
Sl. No.	Particulars	Amount Rs. In lakhs
1.	Education	Recurring = Rs. 3.10 lakhs Non-recurring = Rs. 9.25 lakhs
2.	Health	Recurring = Rs. 5.10 lakhs Non-recurring = Nil
3.	Community Development	Recurring = Rs. 3.0 lakhs Non-recurring = Rs. 2.50 lakh
	Total	Recurring = About Rs. 11.20 lakhs Non-recurring = About Rs. 11.75 lakhs



A detailed study on social status of the project site surroundings & need base study on proposed CSR activities were carried out. The summary of the report is given above.

GENERAL

Does it propose environment management plan	Yes
Does it have eco restoration programmes	Yes
Sufficiency of parking spaces/ traffic management	Yes
Litigation/court cases, if any, against the project (provide details)	No

Total cost of project with details	Project cost – Rs.9.50 crores Funding – Own source & Bank Loan
Right & nature of ownership of land	Private land
Is the property forest land/govt. land/own land	Own land
Details of Authorised Signatory	Mr. Joseph Jacob, Managing Director M/s Poabs Granite Products Pvt. Ltd. Kuttoor P.O., Thiruvalla, Kerala-689106. Ph. 0469-2743300 Fax. 0469-2743330 Mobile No. 09447152880 E-mail :- mail@poabs.com & agly@poabs.in

2. The proposal was placed in the 58th Meeting of SEAC, Kerala, held on 28th & 29th June, 2016 and deferred for field visit. The site visit was conducted by Subcommittee of SEAC on 15.07.2016, comprising Dr. K.G. Padmakumar and Sri. John Mathai and recommended for the issuance of EC. According to the report the proposed project is an extension of an existing quarry for which EC has been granted.

3. The proposal was again considered in the 61st SEAC meeting held on 11th August 2016. The Committee after examining the mining plan, feasibility report, Field Inspection Report and the other documents and details provided by the proponent decided to recommend for issuance of EC subject to the general conditions.



4. The proposal was placed in the 60th meeting of SEIAA, held on 27th October 2016. The Authority noted the recommendation of 61st meeting of SEAC to issue Environmental Clearance subject to general conditions. The Authority decided to return the proposal back to SEAC for suggesting specific conditions also. It has also been resolved to verify by SEAC whether this is a cluster quarry. Since there are two other quarries working within 500m³ received 'No cluster' Certificate should also be provided.

5. The proposal was placed in the 68th meeting SEAC held on 20th & 21st February 2017. The Committee Member, Sri. John Mathai who is familiar with the area informed that the proposal does not attract the "cluster" criterion and hence the Committee decided to inform the SEIAA accordingly and also to add the following specific condition.

1. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent also agreed to set apart Rs 12 lakhs (non-recurring) and 11 lakhs (recurring) per year for next 5 years for the welfare of the local community. The proponent also agreed to spend this amount in consultation with the local panchayath.

The Authority decided to give a detailed note to AG / Legal department to seek legal opinion whether mining in lease areas without EC also comes under the scope of violation. The Authority decided to get the legal opinion at the earliest before the issuance of EC.

6. Decision on legal opinion was taken in the 76th meeting of SEIAA held on 16th November 2017. The proposal was placed in the 79th meeting of SEIAA held on 09th January 2018. In the light of the legal opinion Authority noted that this is a case of violation.

Now the proponent has submitted a request dt.12.02.2018 and stated that there are two mine leases for the project. One lease is for an area of 5.3528 ha granted on 30.05.2006. Since the lease is taken before 2006, this is not a case of violation. The other lease is for 7.3619 ha which was issued on 17.07.2002. The said lease is renewed on 24.02.2010. Since the area was more than 5 ha, this mine lease required to have EC during the renewal. The proponent submitted that he had not carried out any mining activity in the area within the mine lease after the renewal on 24.10.2010. A Certificate from Village Officer, Ayyampuzha was submitted in this regard in which the Village Officer has stated that the proponent has mined 0.3625 ha only from the lease area. As the mine lease is undisturbed the proponent has surrendered the said mine lease to the Mining & Geology Department. The copy of the acknowledgement was also submitted. In view of the above, the proponent has requested to accord EC to the project.

7. The proposal was placed in the 81st meeting of SEAC held on 08.03.2018. In the light of the explanation of the proponent, Authority accepted the recommendation of SEAC and decided to issue EC subject to general conditions in addition to the above specific condition as suggested by SEAC. The proponent should set apart Rs 12 lakhs (non-recurring) and 11 lakhs (recurring) per year for next 5 years for the welfare of the local community. The CSR amount should be included in the annual account of the company and the expenditure statement should be submitted to SEIAA along with the compliance report after getting certified by a Chartered Accountant. A notarised affidavit for the commitment of CSR activities and also agreeing all the general and specific conditions should be submitted before the issuance of EC.



8. The proponent has submitted an affidavit vide reference 9th cited, satisfying all the above conditions. Environmental clearance as per the EIA notification 2006 is hereby accorded for the proposed building stone quarry project in Sy. No. 380/3-2, 164/1-26, 164/1-151, 164/1-93, 164/1-31, 164/1-80, 164/1-32, 164/1-29, 164/1-79, 164/1-38, 164/1-101, 164/1-91, 164/1-92, 164/1-19, 164/1-90, 368/3, 368/4, 164/1-95, 164/1-108, 164/1-148, 164/1-156, 164/1-157, 164/1-158, 164/1-159, 164/1-160, 164/1-161, 379/1-2, 379/6, 379/7-2, 164/1-39, 164/1-149, 164/1-30 and 380/3, at Ayyampuzha Village, Ayyampuzha Panchayat, Aluva Taluk, Ernakulam District, Kerala of Sri. Joseph Jacob, Managing Director, M/s Poabs Granite Products Pvt. Ltd., Kuttoor P.O., Thiruvalla, Kottayam District, Kerala-689106, for an area of 15.0589 hectares, subject to the specific conditions as recommended in para 5 & 7 above, all the environmental impact mitigation and management measures undertaken by the project proponent in the Form I, EMP, PFR and Mining plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of these proceedings as if incorporated herein. Also the general conditions for projects stipulated for mining (items 1 to 61), appended hereto will be applicable and have to be strictly adhered to.

9. 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 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 undertakings and conditions subject to all the mining features, Environmental Management Plans as undertaken in the Mining Plan and EMP submitted to SEIAA will be deemed to be part of this proceedings as conditions as undertaken by the proponent, as if incorporated herein.

10. Validity of the Environmental Clearance will be five years from the date of this clearance, subject to inspection by SEIAA on annual basis and compliance of the conditions, subject to earlier review of E.C in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

11. Compliance of the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices 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.

- iii. The given address for correspondence with the authorised signatory of the project is Sri.Joseph Jacob, Managing Director, M/s Poabs Granite Products Pvt. Ltd., Kuttoor P.O., Thiruvalla, Kottayam District, Kerala-689106.

Sd/-

P.H. KURIAN.I.A.S,
Member Secretary (SEIAA)

✓ To,

Sri.Joseph Jacob,
Managing Director
M/s Poabs Granite Products Pvt. Ltd.
Kuttoor P.O.,
Thiruvalla, Kottayam -689106.

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 Director, Mining & Geology, Thiruvananthapuram -4.
4. The Member Secretary, Kerala State Pollution Control Board
5. The District Collector, Ernakulam
6. The District Geologist, Ernakulam
7. The Tahasildar, Aluva Taluk, Ernakulam District, Kerala
8. Chairman, SEIAA.
9. Website.
10. S/f
11. O/c



Forwarded/By Order

Administrator, SEIAA

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA

GENERAL CONDITIONS (for mining projects)

1. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.
2. Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
3. 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.
4. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
5. Sprinklers shall be installed and used in the project site to contain dust emissions.
6. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
7. 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, if no other specific condition on reclamation of pit is stipulated in the E.C.
8. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
9. The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all times and shall be conspicuous.
10. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
11. Control measures on noise and vibration prescribed by KSPCB should be implemented.
12. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
13. Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
14. A licensed person should supervise/ control the blasting operations.
15. Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
16. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions
17. Height of benches should not exceed 5 m and width should not be less than 5 m, if there is no mention in the mining plan/specific condition.
18. Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
19. Maximum depth of mining from general ground level at site shall not exceed 10m
20. No mining operations should be carried out at places having a slope greater than 45°.
21. 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.
22. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
23. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
24. The transportation of minerals should be done in covered trucks to contain dust emissions.
25. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
26. Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.
27. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
28. 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.
29. 100 m buffer distance should be maintained from forest boundaries.

30. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
31. 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.
32. In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponents shall apply and get the approval of this Authority.
33. 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.
34. 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.
35. 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 State Environment Impact Assessment Authority (SEIAA) office 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.
36. 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.
37. 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 State Environment Impact Assessment Authority (SEIAA) office.
38. 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
39. 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.
40. No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.
41. The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
42. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
43. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.

44. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
45. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5} such as haul Road, loading and unloading points and transfer points – it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
46. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
47. Measures should be taken for control of noise levels below 85 dBA in the work environment.
48. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
49. The funds earmarked for environmental protection measures and CSR activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.
50. The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
51. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
52. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
53. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. 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.
55. This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.
56. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.
57. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
58. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area'
59. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.
60. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.
61. Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.


For Member Secretary, SEIAA Kerala

