

HALF YEARLY COMPLIANCE REPORT

FOR

APRIL 2020 - SEPTEMBER 2020

IN RESPECT OF

BUILDING STONE QUARRY

Extent: 4.3049 ha & Capacity: 59510 Cum/ Annum

OF

Mr. Shiju Thomas,

AT

**294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt,
Block no-32 of
Alakodu Village, Thodupuzha Taluk,
Idukki, Kerala State - 685 588.**

DECEMBER 2020

Date: 31-12-2020

To,
The Regional Office,
Ministry of Environment, Forests & Climate Change (SW)
Kendriya Sadan, IV Floor, E & F Wings,
17th Main Road, Koramangala II Block,
Bangalore - 560034.

Respected Sir,

Sub: Submission of Half yearly Compliance report in respect of the Building Stone Quarry Project of an extent 4.3049 ha of Mr. Shiju Thomas located at Sy. Nos. 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt, Block no-32 of Alakodu Village, Thodupuzha Taluk, Idukki, Kerala State - 685 588.

Ref: Environmental Clearance issued Vide letter No. **1/2016/DEIAA/KER**
Dated: **20/04/2017**.

With respect to above subject, we are herewith submitting the detailed half yearly Compliance Report for the period from **April 2020 to September 2020** to all the conditions stipulated in the Environmental Clearance (EC) issued vide reference cited above.

Thanking you,

Yours faithfully, _ _



Mr. Shiju Thomas,
Pallivathukal House,
Chilavu P.O,
Thodupuzha,
Idukki District - 685 588

Authorized Signatory

Encl: a/a

Proceedings of the District Environment Impact Assessment**Authority Idukki District****[Present Sri. G.R Gokul I.A.S(chairman),****Sri. P.G Radhakrishnan (member secretary),****Sri.Narendra babu I.F.S(member), Dr .George Abe(member)]**

Subject :Environmental clearance for the building stone quarry project in Survey No's 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakodu Village, Thodupuzha Taluk, Idukki District by Sri. Shiju Thomas, Pallivathukkal House, Chilavu P.O.,idukki(dist)-EC granted orders issued.

District Environment Impact Assessment Authority ,Idukki

no:1/2016/deiaa/idk/ker

Dtd:20/04/2017

Ref (1):Application from sri. Shiju Thomas ,Pallivathukkal(h),chilavu p.o,

Thodupuzha

(2):Minutes of district level environment appraisal committee dtd 03.02.2017

(3):Site inspection report of sub committee of DEAC submitted by

senior geologist , Department of mining and geology, Idukki

(4):Minutes of first meeting of DEIAA dtd 30.03.17

(5):Ltr no;doi/250/m/16 dtd 12/04/2017 of District Geologist, Mining and

Geology Idukki

Sri. Shiju Thomas, Pallivathukkal House, Chilavu P.O, Thodupuzha vide his application submitted through web site has sought Environmental Clearance under EIA notification, 2006 for the building stone quarry project in Survey Nos 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt, 356/1-1 pt in Block 32 of Alakodu Village, Thodupuzha Taluk, Idukki Dist. for an area of 4.3049 hectares. The project falls under the category B2 as per the EIA notification No. S.O 1533 (t) dated. 14.09.2006 of MOEF & CC, other details of the project are as follows:-

1.About the project

Name of Project :- Building stone Quarry of Mr. Shiju Thomas, Pallivathukkal House, Chilavu P.O.

Brief description of the Project :- The proposed rough stone quarry project is spread over an area of 4.3049 hectare, the proposed production is of 59510 m³ per annum and the span of the quarry is 5 years. The quarry operation is proposed up to 109 meter above MSL and to carry out with semi mechanized opencast mining with 5.0 meter vertical benches with a back width of 5.0 meter. Quarry operation is to carry out by splitting of rock mass from the permit rock area by jackhammer drilling and blasting. Hydraulic excavators are to use for loading the stone from pit head and tippers will be used for transportation of stones. Hydraulic excavators are intended to be attached with rock breakers for breaking of large boulders to avoid secondary blasting.

Category/sub category & schedule	B2 (Mining of mineral)
Topography	Hilly Terrain
GPS Co-ordinates	Latitude (N)- 09° 51' 40.90" N to 09° 51' 50.08" N Latitude (E)- 76° 45' 40.88" E to 76° 45' 45.26" E
Extent of area	4.3049 Hectare
Span of mine proposed	5 years
Depth of mining	52m
Distance from the adjacent quarry	There are no adjacent quarries within 500 meters from the mine lease area.
Capacity of production	59510 m ³ /annum
Details of Project cost	56,20,000 (Rupees Fifty Six Lakhs Twenty Thousand Only)

Water requirement & resources:- Details of water requirements in KLD(Kilo litre per day) as given below:

Domestic and drinking purpose	2.0 KLD
Dust suppression	12.0"
Green Belt	3.0"
Total	17.0 KLD

Drinking water is sourced from the open well which will be purified in a small reverse osmosis plant.. For dust suppression and green belt, water is obtained from the open wells/storm water reservoir of proposed site.

Recycled water :- The storm water / mine water will be used for dust suppression and green belt developments.

Liquid effluent : Domestic effluent sent to septic tanks followed by soak pit.

Land:- Access of road to the site : The district road connecting Thodupuzha and Anakayam Via Enchiyani is at a distance of 0.5 km from to project site.

Facility for solid waste management	The waste generated during the mining period is 16921m ³ will be proposed dumping to south side of the lease area and along the lease boundary
Topographic features	The area applied for quarry site is almost a hilly terrain with the highest elevation of 109 meter to a lowest elevation of 89 meter above MSL
proneness of the area for land slides	Semi mechanized open cast mining with benches will be carried out .ultimate slope of the mine will be maintained at 45 degree. Since the granite is hard rock formation ,land slides are not envisaged. The area falls in seismic zone-3 and is moderate damage risk zone.

Air:-

Air quality requirements	Air quality to meet requirements as per rules
Noise level meeting requirement	Noise level to be within limits as per rules
Likely emission affecting environment	Emission of dust, SO ₂ , Nitrous Oxide during drilling ,blasting , loading and transport activities. Noises will be generated by the mining machineries.

Biodiversity:-

Presence of any endangered species or red listed category	None
Loss of native species and generic diversity	Not envisaged ,except small bushes, Arecanut , Rubber,Cocoa and other plants. No major vegetation cover/valuable flora is found within the mining area.

Social aspects:-
 Proximity to nearest habitation : Nearest house is at 104 meter away

Corporate social responsibility

SL.no	Description of item	Amount proposed(in rupees)
1	Distribution of books to Enchiyani Govt.L.P school students	250000
2	Repairing of Thodupuzha-Anakkayam road	250000
3	Sanitary facility for Enchiyani Govt.L.P school(toilets,drinking water facility)	300000
4	Organizing Health camps	200000
5	Total	10,00,000

General

Does it propose environment management plan	EMP is submitted along with form 1M
Biomedical waste management	There is no biological waste generation in the building stone quarry
E-waste management	There is no E-waste generation in the building stone quarry
Sufficiency of parking spaces/ Traffic management	Enough space is available
Litigation/court case if any against the project	Non as of now
Details of authorized signatory	Mr.Shiju Thomas,pallivathukkal(house) Chilavu p.o,Thodupuzha.Idukki (dist) Pin:685588; mobile no:9447522690
Details NABL approved laboratory	ABC techno labs India pvt ltd. No:950/3,3rd cross street ,sector 2,south face Ambattoor industrial estate,Chennai. Phone:044-26257788.certificate no.T.1586 DTD 08/10/15 valid up 07/10/2017

2. On submission of approved mining plan as per KMMC rule 2015,the proposal was placed in the first meeting of DEAC. Further to intimation of DEAC,the proponent along with the consultant attended the meeting. The DEAC decided to defer the item for field inspection and constituted a sub committee for the same. The sub committee inspected site on 25/01/2017 and put forward some conditions.

3. The conditions are as follows.

- The boundary pillars should be numbered and fixed in the lease area as per the approved mining plan
- Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.
- The boundary between the govt surplus land in survey no.356 on the south-eastern side of the lease area and the applied lease area must be clearly demarcated.
- There should not be any further quarrying in the already quarried pit as the depth of pit has already reached more than 20 meters at present. The quarried pit should be retained as a rain water storing site.
- There should not be any further quarrying in the buffer zone area on the eastern side of the lease area where already quarrying was carried out as per the earlier permits
- A greenbelt should be maintained all around the quarry by planting trees.
- The ultimate depth of the quarry must be limited to 20 meter, from ground level as per the mining plan.
- There should be some rain harvesting structure at the north-eastern valley part of the quarry lease area
- The water draining from the quarry to the out side area must be after clearing the sediments and impurities by passing through one or two settling tanks
- Dust suppression mechanisms using sprinklers must be established in the quarry.
- The approach road to the quarry must be tarred using metal.
- It is instructed to only remove topsoil up to a maximum depth of 2 meter while quarrying.

4. In the 2nd meeting of DEIAA held on 30/03/2017, the committee after studying the case in detail accepted the 13 conditions raised by the DEAC. The committee also decided to collect the mining history of the proponent and authorized member secretary to collect it from district geologist. As decided by the 1st meeting of DEIAA, the documents of lands called for been submitted by the proponent and mining history of the proponent have been submitted by Senior Geologist, Mining and Geology Idukki District as reference (5). As per reference(5) it is found out that there are no charges were against the proponent for activities like illegal mining, mining outside the area and violation of lease permit to collect it from district geologist. The details of the ownership of the private land in which the project is proposed is as follows

Sy.no	Extent(hect)/T.p no	Name of owner	Document details/date	Prior document details 1	Prior document details 2	Old sy.no
294/1pt 356/1-1 pt	0.3150 T.P 32/589 0.0853 T.P 32/589	Shaji joseph cherthalackal Anchiry	557/14 DTD 12.02.14 561/14 DTD 12.04.14 876/15 DTD 26.03.15 1196/14 DTD 28.03.14 SRO KARIKODU	927/72 1255/61 sro karikodu 1664/62 sro Thodupuzha	1285/58 sro Thodupuzha	1026/1/7
294/2pt	1.4385 T.P 32/2046	John pathrose villanguparayil, Anchiri	2061/97 dtd 10.06.97 sro karikodu	3580/58 DTD 01.10.58 sro thodupuzha	922/52 sro Kanjirappally	1026/1

295/5	1.0230 TP 32/1047	Selestian s/o mathew .plakkootathil(h),anchir y	2075/90 dtd 16.08.90 sro karikodu	2129/77 sro karikodu		1026/1/7
295/6	0.7667 TP 32/1047					
296/2pt	1.4385 TP 32/3460	Roger mathew,Plakkuttathil.an chiry	899/05 dtd 28.02.05 sro karikodu	2476/89 2458/89 1201/98 sro karikodu	2952/85	

Examining the details of land it is understood that the proposed site is a private land which is not assigned under any assignment rule of kerala but it is pandaravaka land as per the basic tax register. Land owners and the proponent has executed an agreement to excavate the granite building stone for the period of 15 years from the above mentioned area. Also going through the documents submitted by proponent such as detailed mining plan, mine closure plan,environment management plan and pollution control methods the committee is satisfied by the methods suggested there to reduce the gravity of pollution and steps to mitigate the risk of environment hazard. In addition to the above facts the committee analyzed the fact of severe shortage of granite building stone in the said region and its impact on social-economic condition of public and development of the region,the District Level Impact Assessment Authority Idukki hereby grant environmental clearance to the proposed quarry project of sri.Shiju Thomas,pallivathukkal(h),chilavu in Thodupuzha taluk of Idukki district for an area of 4.3049 hectares subject to the condition specified in para 3

5. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures in the environment management plan of the pre-feasibility report and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The undertaking and conditions regarding mining,blasting, pollution control and progressive mine closure plan of the mining plan submitted will be deemed to be part of this proceedings as condition as undertaken by the proponent,as if incorporated herein.

6.Validity of the environmental clearance will be five years from the date of this environmental clearance ,subject to the earlier review in the event of genuine complaint from anybody from the safety area or violation or non-compliance of any of the conditions stipulated herein.

7.Complaints of the conditions herein will be monitored by DEIAA and higher authorities of ministry of environment and forest government of India.

(i) This E.C is one among the licenses to be obtained by proponent from mining. In order to start the mining activities and operations in the project the proponent must obtain the other licenses from the concerned authorities.

(ii) 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.

(iii) Instances of violation if any shall be reported to District collector,Idukki to take legal action under the environment protection act,1986.



(Signature)
P.G Radhakrishnan
Member secretary
DEIAA,Idukki
&
Revenue divisional officer, Idukki

**COMPLIANCE TO THE CONDITIONS STIPULATED IN THE
ENVIRONMENTAL CLEARANCE ISSUED BY DISTRICT LEVEL
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, IDUKKI**

Vide

No. 1/2016/DEIAA/IDK/KER

Dated: 20/04/2017

Building Stone Quarry Project in Survey Nos. 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt, Block no-32 at Alakodu Village, Thodupuzha Taluk, Idukki, Kerala State - 685 588 over an extent of 4.3049 Ha by Mr. Shiju Thomas, Pallivathukal House, Chilavu P.O, Thodupuzha, Idukki District - 685 588

Sr. No.	Specific Conditions	Compliance Status
1.	Boundary pillars should be numbered and fixed in the lease area as per the approved mining plan.	Boundary pillars are fixed and numbered as per the approved mining plan. The photographs showing the boundary pillars are attached as Annexure 1.
2.	Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.	Fencing with barbed wires all along the lease boundary is being carried out. The photographs showing the barbed wire fencing is attached as Annexure 2
3.	The boundary between the Government surplus land in Survey number 356 on the south eastern side of the lease area and applied lease area must be clearly demarcated.	The boundary between Government surplus land in Sy. No. 356 on the south eastern side of the lease area and applied lease area has been clearly demarcated with fencing. Photographs attached as Annexure 3
4.	There should not be any further quarrying in the already quarried pit as the depth of the pit has already reached more than 20 meters at present. The quarried pit should be retained as rain water storing site.	Noted. The already excavated pit shall be retained as rain water storing site. Photograph attached as Annexure 4

5.	There should not be any further quarrying in the buffer zone area on the eastern side of the lease area where already carried out as per earlier permits.	Noted. There shall be no further quarrying on the eastern side of the lease area.
6.	A greenbelt should be maintained all around the quarry by planting trees.	Greenbelt is being established all around the quarry. Photographs showing the nursery for saplings for greenbelt development is attached as Annexure 5
7.	The ultimate depth of the quarry must be limited to 20 meters, from the ground level as per the mining plan.	Noted and shall be followed as per the mining plan.
8.	There should be some rainwater harvesting structure at the north-eastern valley part of the quarry lease area.	Rainwater harvesting structure has been developed on the north-eastern valley part. Photographs attached as Annexure 6
9.	The water draining from the quarry to the outside area must be after clearing the sediments and impurities by passing through one or more settling tanks.	Settling tanks for clarification of water from the quarry area has been established as a part of rainwater harvesting plan.
10.	Dust suppression mechanisms using sprinklers must be established in the quarry.	Sprinklers shall be established at the quarry for dust suppression. At present dust suppression through water tankers are carried out. Photographs of the water tankers for dust suppression is attached as Annexure 7
11.	The approach road to the quarry must be tarred using metal.	The approach road to the quarry shall be asphalted.
12.	It is instructed to only remove topsoil up to a maximum depth of 2m while quarrying.	Only 2m of topsoil shall be removed while quarrying. The same will be utilized for the greenbelt development.

Sr. No.	General Conditions	Compliance Status
1.	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.	RWH facility as per the required guidelines shall be implemented at the site. Refer Annexure 6
2.	Environmental Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant / Engineers is being engaged for effective implementation of the pollution control measures.
3.	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees along the side of the road and open parking areas will be developed as a part of Green Belt development. Already saplings have been planted. Refer: Annexure 5
4.	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar lamps shall be installed at the parking areas and approach roads.
5.	Sprinkles shall be installed and used in the project site to contain dust emissions.	Sprinklers shall be installed in the project site and also outside the project site to minimize the dust emission from the process and vehicles. At present Water tankers are used for dust suppression. Refer Annexure 7
6.	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Eco-restoration plan as per the Post Mine Closure Plan Will be Implemented in the quarry as per the plan submitted.
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 EC	Will be followed as per the guidelines.

8.	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	CSR plan as agreed and other CSR activities are being taken up and shall be implemented. Receipts of CSR activities attached as Annexure 8
9.	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of the mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all the times and shall be conspicuous.	Fencings all around the boundary of quarrying area shall be provided to avoid the incidence. Refer: Annexure 2
10.	Warning alarms indicating the time of blasting (to be done specific timing) has to be arranged as per stipulations of Explosive Department.	As per the stipulations of Explosive Department the warning alarms by indicating the blasting time is provided. Photographs are attached as Annexure 9
11.	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Prescribed control measures from KSPCB shall be followed.
12.	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Quarrying activities are limited to only day time.
13.	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	Blasting shall be done in controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
14.	A licensed person should supervise/ control the blasting operation.	All activities are supervised by a licensed Blaster and Mines Manager. License attached as Annexure 10
15.	Access road to the quarry shall be tarred to contain dust emission that may arise during transportation of materials.	Access road to the quarry shall be tarred and maintained affectively.
16.	Overburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions.	Noted and shall be followed.
17.	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/ specific conditions.	Noted and is being followed. Photograph attached as Annexure 11

18.	Mats to reduce fly rock blast to a minimum of 10 PPV should be provided	Mats to reduce fly rock blast shall be provided
19.	Maximum depth of the mining from general ground level at site shall not exceed 10 m.	Noted and will be followed.
20.	No mining activity shall be carried out at places having slope greater than 45°	Noted and shall be complied.
21.	Acoustic enclosures should have been provided to reduce sound amplification in addition to the provisions of green belt and hollow brick envelop for crushers to that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Not applicable
22.	The workers on the site should be provided with the required protective equipment such as ear muffs, helmets, etc.	All workers are provided with required PPE's. Photographs attached as Annexure 12
23.	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland Drains shall be provided to channelize the storm water during the monsoon.
24.	The transportation of minerals should be done in covered trucks to contain dust emissions.	Trucks used for transportation will be covered to reduce 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.	Greenbelt is developed as per the guidelines.
26.	Disposal of spent oil from diesel engines should be as specified under relevant Rules / Regulations.	Spent oil for diesel engines shall be handed over to authorized recyclers.
27.	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Explosives are stored in magazines in earmarked area as specified by the authority. Photographs attached as Annexure 13
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.	Complied.
29.	100 m buffer distance should be maintained from forest boundaries.	NA.

30.	Consent from KSPCB under Water and Air Act(s) should be obtained before initiating mining activity.	Required consent from KSPC has been obtained. Attached as Annexure 14
31.	All other statutory clearance should have been obtained, as applicable, by project proponent from the respective competent authorities including that for blasting and storage of explosives.	All the statutory clearances /permissions are obtained which is applicable to the project.
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 environmental parameters/impacts as assessed, based on which EC is issued, the project would require a fresh appraisal by this authority, for which the proponent shall apply and get approval of this Authority.	Will adhere as per the EIA Notification.
33.	The Authority reserves the right to add additional safeguards measures subsequently, if found necessary, and take actions including revoking of the Environment clearance under the provisions of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguards measures in a time bound and satisfactory manner.	Noted.
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 and Air (Prevention and Control of Pollution) Act 1981, the Environment (protection) Act 1986, the Public liability (Insurance) Act 1991 and EIA Notification, 2006.	Stipulated conditions shall be implemented. Air and Water Analysis reports are enclosed as Annexure No 15 & 16 .
35.	The Project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in 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 should be forwarded to the office of this Authority as confirmation.	Advertised in the news paper.

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, are received while processing the proposal. The Clearance letter shall also be put on the website of the company by the proponent.	Copy of the EC letter is submitted to Gram Panchayat and acknowledgment is submitted SEIAA, Kerala.
37.	The Proponent shall submit six monthly 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 SEIAA Office.	Half yearly compliance report shall be submitted regularly to the Concerned Department as specified.
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 public	Details of Environmental Clearance are displayed. Photographs attached as Annexure 17
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.	Affidavit to follow the conditions stipulated in EC has been provided.
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.	Noted and shall be followed.
41.	The project proponent shall ensure that no natural water course and/ or water resources shall be obstructed due to any mining operation. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	Noted and shall be followed.
42.	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the CPCB. Water sprinkling should be increased at places loading and unloading points &	Regular monitoring of Ambient Air Quality shall be carried out as per the Notification and water sprinkling shall be done to reduce

	transfer point to reduce fugitive emission.	dust emissions.
43.	The top soil, if any, shall be temporarily be stored in 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 runoff. 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 vegetation becomes self sustaining.	Noted and shall be strictly followed as per the guidelines.
44.	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent runoff of water and flow of sediments directly into the rivers and other water bodies. The water so collected should be utilized for watering the mine area, roads, greenbelt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Noted and shall be followed.
45.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having levels of PM ₁₀ 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 CPCB.	Necessary actions to curb air pollution will be taken at the project site and shall ensure that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB.
46.	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading points and transfer points should be provided and properly maintained.	Noted and shall be followed.
47.	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Noted and will be followed. Noise level monitoring report is attached as Annexure 18
48.	A separate environmental management cell with suitable qualified personnel should be set up under the control of Senior Executive, who will report directly to the Head of the Organization.	Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant / Engineers is being engaged for effective implementation of the

		pollution control measures.
49.	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA office.	CSR activities as agreed is being taken up. Refer Annexure 8
50.	The Regional Office of MoEF&CC located in 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	Noted and full cooperation shall be given.
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.	Noted.
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.	Noted.
53.	The SEIAA may revoke or suspend the order, for non implication of any of the specific or this implementation of any of the above conditions or stipulate any further condition in the interest of environment protection.	Noted.
54.	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.	Noted.
55.	This order is valid for a period of 5 years or the expiry date of mine lease period issue by the Government of Kerala, whichever is earlier.	Noted.
56.	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or the project, in any court of law.	Noted.
57.	The mining operations shall be restricted to above ground water table and it should not intersect the ground water table.	Noted and will be strictly adhered.
58.	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution testing centre. Washing of all vehicles shall be	All Vehicles used within the quarry areas are having PUC certificate.

	inside of the lease area.	
59.	Project proponent shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	Noted and shall be followed.
60.	Regular monitoring of flow rates and water quality up stream and down stream 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.	Noted and shall be followed.
61.	Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Regular health checkups for the workers shall be done.

Half yearly Compliance Report

Photographs of Boundary Pillars

ANNEXUE 1

ANNEXURE 1



PHOTOGRAPHS SHOWING BOUNDARY PILLARS

Half yearly Compliance Report

Photographs of Fencing

ANNEXURE 2

ANNEXURE 2



PHOTOGRAPHS SHOWING FENCING WITH BARBED WIRES

Half yearly Compliance Report

Photographs of Govt.
excess land demarcation

ANNEXURE 3

ANNEXURE 3



Half yearly Compliance Report

Photograph of Excavated Pit as pond

ANNEXURE 4

ANNEXURE 4



Photograph showing the excavated pit retained as rainwater storage pond

Half yearly Compliance Report

Photographs of Greenbelt

ANNEXURE 5

ANNEXURE 5



PHOTOGRAPHS SHOWING GREENBELT DEVELOPMENT



Half yearly Compliance Report

Photograph of Rainwater Harvesting Structure

ANNEXURE 6

ANNEXURE 6



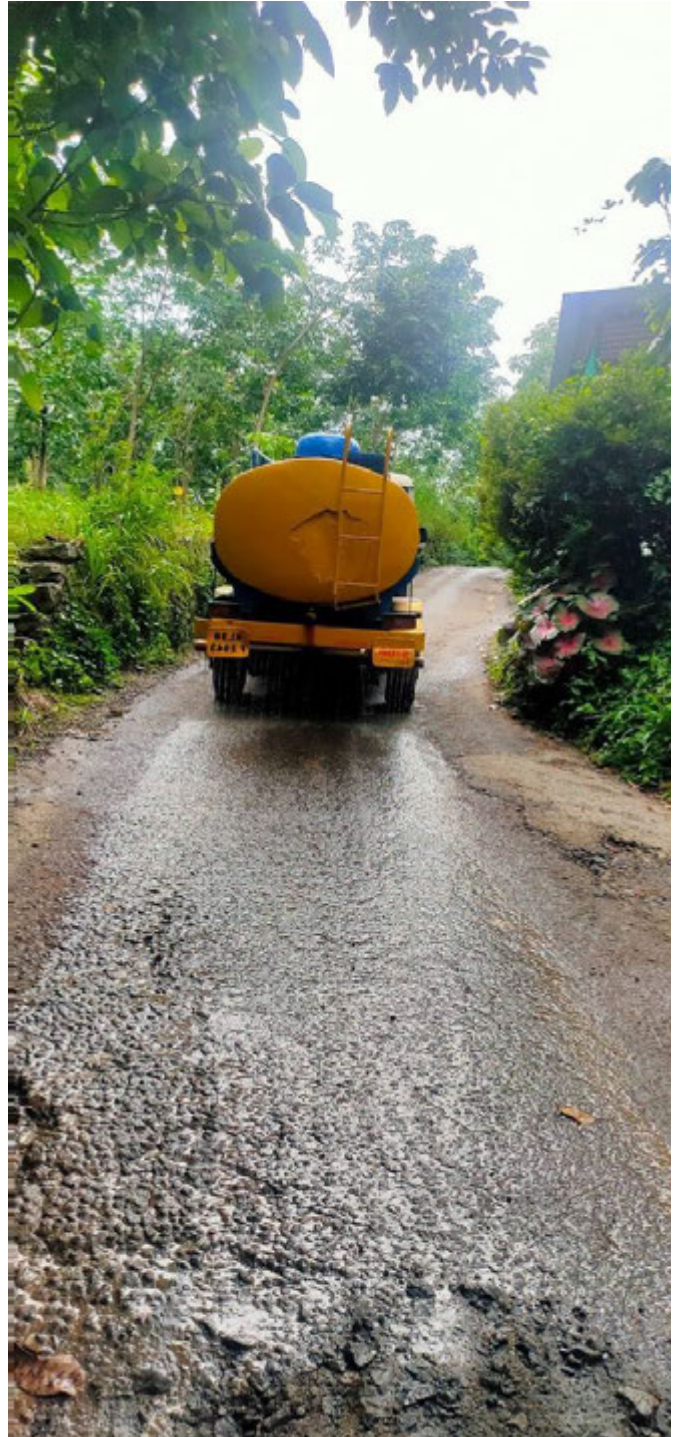
PHOTOGRAPHS SHOWING RAINWATER HARVESTING STRUCTURES

Half yearly Compliance Report

Photograph of Dust Suppression

ANNEXURE 7

ANNEXURE 7



PHOTOGRAPHS SHOWING WATER SPRINKLING USING TANKERS FOR DUST SUPPRESSION

Half yearly Compliance Report

CSR Receipts

ANNEXURE 8

3

39

പേര് റോസലി അമ്പലവിട്ടുപേര് അട്ടുൽ എ
 സ്ഥലം അമ്പലക്കുന്ന് വീട്ടുനമ്പർ 29 ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
 മകന്റെ ചികിത്സയ്ക്കായി 8000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

19/6/20
 Inchiyan

എന്ന്,

പേര് റോസലി അമ്പലം
 ഒപ്പ് Rosali

40

പേര് അനീഷ് വീട്ടുപേര് പി.പി. മുട്ടിൻ
 സ്ഥലം പി.പി. മുട്ടിൻ വീട്ടുനമ്പർ ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
 മകന്റെ ചികിത്സയ്ക്കായി അഞ്ചു 500/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

22/6/20
 Inchiyan

എന്ന്,

പേര് അനീഷ്
 ഒപ്പ് [Signature]

41 പേര്.....*മന്നിര*.....വിട്ടുപേര്.....*വെട്ടിക്കോട്*.....
 സ്ഥലം.....*മല*.....വീട്ടുനമ്പർ.....*182*.....ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
 മകന്റെ ചികിത്സയ്ക്കായി.....*500*.....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

പേര്.....*മന്നിര*.....
 ഒപ്പ്.....*[Signature]*.....

42 പേര്.....*AJO*.....വിട്ടുപേര്.....*Ettaekoodiyil*.....
 സ്ഥലം.....*Alakkode*.....വീട്ടുനമ്പർ.....*142*.....ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
 മകന്റെ ചികിത്സയ്ക്കായി.....*2000/-*.....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

1/7/20
Inchiyari

എന്ന്,

പേര്.....*AJO*.....
 ഒപ്പ്.....*[Signature]*.....

10/9/20

43 ശ്രീജിത് വിട്ടുപേര് കോമലിത്

സ്ഥലം അമ്പലമുക്ക് വിട്ടുനമ്പർ താമസിക്കുന്ന ഞാൻ

പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/

DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /

~~മകന്റെ~~ ചികിത്സയ്ക്കായി 5000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

8606049584.

പേര് ശ്രീജിത് . R.R

ഒപ്പ് SSV

23/9/20

44 Suresh Baby വിട്ടുപേര് Thaiparambil

സ്ഥലം Incheyoni വിട്ടുനമ്പർ താമസിക്കുന്ന ഞാൻ

പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/

DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /

മകന്റെ ചികിത്സയ്ക്കായി 3000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

MOB: 7510868560.

പേര് Suresh baby.

ഒപ്പ് SSV

30/9/20

45

പേര്..... Bindhy വിട്ടുപേര്..... Elovunkal.....

സ്ഥലം..... Achuzi വിട്ടുനമ്പർ..... ൽ താമസിക്കുന്ന ഞാൻ

പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/

DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /

അമ്മയുടെ മകന്റെ ചികിത്സയ്ക്കായി..... 1000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

MB: 8113072509

പേര്..... Bindhy.....

ഒപ്പ്..... Bindhy.....

46

08/10/20

പേര്..... Benny P Iype വിട്ടുപേര്..... Puramana.....

സ്ഥലം..... Malankara വിട്ടുനമ്പർ..... 152 ൽ താമസിക്കുന്ന ഞാൻ

പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/

DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /

മകന്റെ ചികിത്സയ്ക്കായി..... 10000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

MDB: 9446094017.

പേര്..... Benny P Iype.....

ഒപ്പ്..... Benny.....

47

17/10/20

പേര് നവദീപ.....വീട്ടുപേര് കിഴക്കൻ തൃശ്ശൂർ
 സ്ഥലം C.2.2.2.....വീട്ടുനമ്പർ 206.....ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
 മക്കളുടെ ചികിത്സയ്ക്കായി.....500/-.....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

mob 9744 515162

പേര് നവദീപ.....
 ഒപ്പ് [Signature]

48

2/10/20

പേര് Rajesh K.P......വീട്ടുപേര് Kadathunkorayil
 സ്ഥലം Vengloor.....വീട്ടുനമ്പർ.....ൽ താമസിക്കുന്ന ഞാൻ
 പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
 DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ~~ഭർത്താവിന്റെ~~ mother / ഭാര്യയുടെ /
 മക്കളുടെ ചികിത്സയ്ക്കായി.....5000/-.....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

MOB: 9526954726

പേര് Rajesh K.P......
 ഒപ്പ് [Signature]

9/11/20

49 പേര് Jomesh വിട്ടുപേര് Weeliyapilli
സ്ഥലം Anchiri വിട്ടുനമ്പർ 35 ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
മക്കളുടെ ചികിത്സയ്ക്കായി 500 രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

പേര് Jomesh
ഒപ്പ് Jomesh

28/12/20
Monday

പേര് അനീല ജോസഫ് വിട്ടുപേര് മാതൃപിത
സ്ഥലം അനീലിപ്പാ വിട്ടുനമ്പർ 732 ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
മക്കളുടെ ചികിത്സയ്ക്കായി 5000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

MOB: 9496 98 1885

പേര് അനീല ജോസഫ്
ഒപ്പ് Anil

12/12/20

50 പേര് Sunthy Ghoshy വിട്ടുപേര് Puliyu market
സ്ഥലം Inchay cov വിട്ടുനമ്പർ 177 ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ ഭാര്യയുടെ /
മകന്റെ ചികിത്സയ്ക്കായി 20000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എൻ,
MOB: 9656655347.

പേര് Sunthy Ghoshy
ഒപ്പ് Sumitha

28/12/20

പേര് മറിയം വിട്ടുപേര് മെമ്പുരി
സ്ഥലം മുണ്ടാലി പ.ഓ മുണ്ടാലി വിട്ടുനമ്പർ ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
മകന്റെ ചികിത്സയ്ക്കായി 3000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എൻ,
Ph-9656923350

പേര് മറിയം
ഒപ്പ്

24/10/20

പേര് Mathew Antony വിദ്യാലയം Kochupurackal
സ്ഥലം Inchiyani വിദ്യാലയം Inchiyani ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /
മകന്റെ ചികിത്സയ്ക്കായി 5000/- രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

Ph-9744137430

പേര് Mathew Antony
ഒപ്പ് [Signature]

35

പേര് Santhosh വിദ്യാലയം Inchiyani
സ്ഥലം Inchiyani വിദ്യാലയം Inchiyani ൽ താമസിക്കുന്ന ഞാൻ
പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും ~~വീടിന്റെ~~ 8231208 online class-നു പണിക്കായി 3000
രൂപ കൈപ്പറ്റിയിരിക്കുന്നു. ടി മെറ്റീരിയലിന്റെ വില 3000 രൂപയാണ്.

എന്ന്,

പേര് Santhosh-TG
ഒപ്പ് [Signature]

35

പേര്..... തോമസ് വിട്ടുപേര്..... ഇലയ്ക്കൽ

സ്ഥലം..... ഇഞ്ചിയാനി വിട്ടുനമ്പർ..... 9 ൽ താമസിക്കുന്ന ഞാൻ

പാഠമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/
DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും വട്ടര ഗുണഭോക്താവ് ആയി
പിടിച്ചെടുത്ത പണിക്കായി

എന്നിവ കൈപ്പറ്റിയിരിക്കുന്നു. ടി മെറ്റീരിയലിന്റെ വില..... 4000/- രൂപയാണ്.

11/3/20
Inchyan

എന്ന്,

പേര്..... Bab

ഒപ്പ്..... 



ആലക്കോട് ഗ്രാമപഞ്ചായത്ത് കാര്യാലയം

കലയന്താനി.പി.ഒ, ഇടുക്കി ജില്ല പിൻ.685 588
ഇ-മെയിൽ: secretaryalkd@gmail.com ഫോൺ.04862-276246

തീയതി.29.12.2020

സാക്ഷ്യപത്രം

കോവിഡ് -19 മഹാമാരി പടർന്നു പിടിക്കുന്നതായ സാഹചര്യത്തിലും, രോഗികളുടെ എണ്ണം അനുദിനം പെരുകി വരികയായിരുന്ന പശ്ചാത്തലത്തിലും, സംസ്ഥാന സർക്കാരിന്റേയും ജില്ലാ ഭരണകൂടത്തിന്റേയും നിർദ്ദേശാനുസരണം ആലക്കോട് ഗ്രാമപഞ്ചായത്തിലും സി.എഫ്.എൽ.ടി.സി കേന്ദ്രം സജ്ജീകരിക്കുകയുണ്ടായി. ടി കേന്ദ്രത്തിലേക്ക് ശ്രീ.ഷിജ തോമസ്, മാനേജിംഗ് ഡയറക്ടർ, പള്ളിവാതുക്കൽ ഗ്രാനൈറ്റ്സ് എസ്റ്റേറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സംരംഭകന്, ആലക്കോട് ഗ്രാമപഞ്ചായത്തിലെ സാങ്കേതിക വിഭാഗം അസിസ്റ്റന്റ് എൻജിനീയറുടെ വാല്യുവേഷൻ പ്രകാരം 75,275/- രൂപയുടെ ടോയിലറുകളെ നിർമ്മാണ പ്രവർത്തികളെ സ്വയമേവ പണം ചിലവഴിച്ച് നിർവ്വഹിച്ചു നൽകിയിട്ടുള്ളതാണ് എന്ന വിവരം ഇതിനാൽ സാക്ഷ്യപ്പെടുത്തുന്നു.

5/2/21

സെക്രട്ടറി
ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്



രാജപാഹനൻ പി.എസ്.
സെക്രട്ടറി
ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്
ഇന്റലി ജില്ല - 685 588, കലയന്താനി പി.ഒ.
ഫോൺ : 04862 - 276246, മൊ. 9496045081

17	Supplying precast factory moulded RCC Window frame of size 100x100 cm or nearest size and fixing in position in line and level directed by the engineer in charge including fixing MS clamp 3 nos. with minimum length of 25 cms. on each vertical side of the frame with necessary screws and fixing the clamp with concrete in wall using 1:2:4 (one cement: 2 fine sand: 4 coarse aggregate 20mm) concrete mix including all cost of conveyance, material cost, labour charges, curing charges etc. complete.(Concrete for fixing the clamp shall be paid seperately)Delete							
	Add Specification Below							
		1				1	1137.94	1137.94
							/E	
18	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelMild steel and Medium Tensile steel bars							
		5				5	71.81	359.05
							/kg	
							Total	75275

Refsd
OVERSEER
UID & EW SECTION
ALAKKODU



Half yearly Compliance Report

Photographs showing
Blasting Time displayed

ANNEXURE 9

ANNEXURE 9



Half yearly Compliance Report

Certificate of Mines Manager

ANNEXURE 10



भारत सरकार/ Govt. of India
 श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment
 खान सुरक्षा महानिदेशालय/ Directorate General of Mines Safety
 बंगलुरु क्षेत्र, द.अ./Bangalore Region ,SZ.



E-Mail : dir.bqr@dqms.gov.in

No.5, 17th Main, 100 ft Road, 4th Block
 Koramangala, Bangalore- 560034(Karnataka)
 Tel: , 080-25535971-74 FAX: 080-25535972

सं./SZ/BGR/KER/IDU/18/Auth-34(6)/P-95/2016-17/

बंगलुरु, दिनांक,

2017.

प्रेषक,

खान सुरक्षा निदेशक,

बंगलुरु क्षेत्र, द.अ.।

सेवा में,

Shri Shiju Thomas ,

Owner: Shiju Thomas Stone Quarry,

Pallivathukkal House,Chilavu Post,

Thodupuzha,Village:Thodupuzha District: Idukki, Kerala-685 588

वषय:-Authorization under Regulation 34(6) of MMR, 1961 in favour of Sri Gujiri Krishna Chandra, holder of Second Class Manager's Certificate (Restricted) to work as manager of Shiju Thomas Stone Quarry in Vill: Alakkodu, Taluk: Thodupuzha, Dist: Idukki, (Kerala).

सहायक

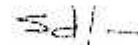
Please refer to your letter No.Nil dated 07.10.2017 on the above subject.

In view of what has been stated in your application, I, in exercise of the powers conferred on the Chief-Inspector of Mines (also designated as Director General of Mines Safety) under the provisions of Regulation 34(6) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines under Section 6(1) of the Mines Act, 1952, I, do hereby authorize Sri Gujiri Krishna Chandra, holder of Second class Manager's certificate (Restricted), Certificate-No: SMR-5737 dated 25.08.2015, to act as Manager of Shiju Thomas Stone Quarry in Vill: Alakkodu, Taluk: Thodupuzha, Dist: Idukki, (Kerala) i.e **up to 30.10.2018**, subject to the following conditions:

1. Manager shall not take up any appointment in any capacity whatsoever in another mine.
2. If required, deep hole drilling machinery not exceeding 100 mm diameter may be deployed with maximum two loading machines with oppors in the mine.
3. In case, deep hole blasting with hole diameter not exceeding 100mm has to be conducted, it shall be carried out under the personal supervision of the manager. Blasting parameters of each blast with a sketch showing the drilling pattern and the holes charged shall be maintained in register kept for the purpose for each blast.
4. The average daily employment of persons at the mine shall not exceed 100 in all, underground workings shall not be made and consumption of explosives per day shall not exceed 500Kgs.
5. No ore dressing/handling/processing plant is attached with the mine.
6. The provisions of Regulation 164(1-A)(c) and 164(1-B)(a) shall be strictly complied with.

7. Where by reason of absence or for any other reason, the manager is unable to exercise daily personal supervision, a person holding at least a valid Foreman's Certificate shall be authorized to act as Manager of the mine in compliance with Regulation 34(7) (a) (1) and if no such qualified person is available, the mine workings should be kept suspended during such absence of the Manager. Attention is drawn to Regulation 34(7)(a) and (b) in respect of the period of authorization permitted, intimation of authorization to Director General of Mines Safety, Dhanbad and the undersigned etc.
8. The above authorization shall stand cancelled as soon as the person to whom it is being granted leaves the service at the mine under reference.
9. Intimation about the termination of manager as a result of his Transfer/Termination of Service/Resignation shall also be submitted in Form I of the First Schedule immediately.
10. Notwithstanding anything contained above, the authorization may be withdrawn at any time as provided in the aforesaid Regulation.
11. If at any time any one of the conditions, subject to which this authorization has been granted, is violated or not complied with, this authorization shall be deemed to have revoked with immediate effect.
12. In the event of any change in the circumstances connected with this authorisation, intimation thereof shall be sent to this Directorate.
13. This authorisation is being granted without prejudice to any other statutory provisions, which may be or may become applicable at any time.
14. This authorisation may be amended, modified or withdrawn at any time if considered necessary in the interest of safety.

आपका विश्वसनीय,




खान सुरक्षा निदेशक,
बैंगलुरु क्षेत्र, द.अं.

स./SZ/BGR/KER/IDU/18/Auth-34(6)/P-95/2016-17/ 182 A-

बैंगलुरु, दिनांक, 08.11.2017

Copy forwarded for information and necessary action to:

✓ Manager, Shiju Thomas Stone Quarry of Shri Shiju Thomas, Pallivathukkal House, Chilavu Post, Thodupuzha, Village: Thodupuzha, District: Idukki, Kerala-685 588


खान सुरक्षा निदेशक,
बैंगलुरु क्षेत्र, द.अं.

Half yearly Compliance Report

Photograph showing
Benches

ANNEXURE 11

ANNEXURE 11





PHOTOGRAPHS SHOWING THE FORMATION OF BENCHES

Half yearly Compliance Report

Photograph showing
workers with PPE's

ANNEXURE 12

ANNEXURE 12



Photograph showing the workers wearing PPE's

Half yearly Compliance Report

Photograph showing
Magazine

ANNEXURE 13

ANNEXURE 13



PHOTOGRAPH SHOWING THE EXPLOSIVES STORED IN MAGAZINES

Half yearly Compliance Report

Consent from KSPCB

ANNEXURE 14



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/IDK/ICO/85/2017
Date of issue :23/02/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : R16IDU-ICO-R-2704110

Ref : PCB/IDK/ICO/145/2017 VALID UP TO 25/04/2020

The 'Integrated Consent to Operate' issued as per reference above to M/s Quarry of Shiju Thomas, Chilavu P O, Chilavu, Thodupuzha is hereby renewed up to 19/04/2022 and issued to M/s Quarry of Shiju Thomas, Chilavu P O, Chilavu, Thodupuzha. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	VALIDITY	19.04.2022
2	CAPITAL INVESTMENT	43 lakh
3	MACHINARY	300 HP
4	ANNUAL FEE	Rs. 9600/-
5	CATEGORY	RED
6	FEE REMITTED	Rs. 26800/-

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

3.1 For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.

52 This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

DATE: 24/02/2020

EBY VARGHESE

Digitally signed by EBY
VARGHESE

Date: 2020.02.25 13:51:22 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER, DO-IDUKKI



To

Sri. Shiju Thomas
Pallivathukkal (H)
Chilavu P O
Chilavu

Quarry of Shiju Thomas
Chilavu P O
Chilavu,
Thodupuzha

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/IDK/ICO/85/2017

Date of issue :23/02/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : R16IDU-ICO-R-2704110

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I. GENERAL

S.No.	Items	Description
1	VALIDITY	19.04.2022
2	CAPITAL INVESTMENT	43 lakh
3	MACHINARY	300 HP
4	ANNUAL FEE	Rs. 9600/-
5	CATEGORY	RED
6	FEE REMITTED	Rs. 26800/-

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

3.1 For renewal of the consent in case of continuance of discharge/operation of the industry. application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.

2. This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

EBY VARGHESE

Digitally signed by EBY
VARGHESE
Date: 2020.02.25 13:51:22 +05'30'

DATE :24/02/2020

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER, DO-IDUKKI



To

Sri. Shiju Thomas
Pallivathukkal (H)
Chilavu P O
Chilavu

Quarry of Shiju Thomas
Chilavu P O
Chilavu,
Thodupuzha

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Half yearly Compliance Report

Air Quality Monitoring Reports

ANNEXURE 15

ANNEXURE 15



POLUCHEM LABORATORIES (P) LTD.
CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY
 PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104
 Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/AMC/RT/14111/2020
Mr. Shiju Thomas. Pallivathukal (H) Chilavu Post, Thodupuzha, Idukki Pin:685588	Date of issue:	28/09/2020
	Date of monitoring	17/09/2020 08.30 Hrs to 18/09/2020 08.30 Hrs
	Date of sample received:	19/09/2020
	Date of analysis	19/09/2020
	Monitoring Location	Quarry owned by Mr. Shiju Thomas SY Nos.294/1 Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt & 356/1-1 Pt. Taluk : Thodupuzha Village : Alakode District : Idukki, Kerala
	Sample description	Ambient air – Near East side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006	48.0 µg/m ³	100 µg/m ³
02	Particulate Matter (PM _{2.5})	WI/AMB2.5/01	26.6 µg/m ³	60 µg/m ³
03	Sulphur dioxide	I S 5182 Part 2 2001	9.9 µg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006	9.6 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Stan

* End of the Report*

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory	For and on behalf of POLUCHEM LABORATORIES (P) LTD. SREEJA RAMESH QUALITY MANAGER POLUCHEM LABORATORIES (P) LTD. <i>Sreeja Ramesh</i> AUTHORIZED SIGNATORY
---	--

Half yearly Compliance Report

Water Quality Analysis Reports

ANNEXURE 16



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Date of Issue : 28/09/2020

Page 01 of 02

Ref.No. PL/RT/OW/14114/2020

Name & address of customer

: Mr. Shiju Thomas, Pallivathukal (H), Chilavu P O
Thodupuzha (Via), Idukki

Project Site

: Quarry Owned by Mr. Shiju Thomas
Sy Nos.294/1 |Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt
& 356/1-1 Pt.

Taluk : Thodupuzha

Village: Alakode

District: Idukki, Kerala

Sample drawn by

Poluchem Laboratory Sample Collector

Sample description

: Drinking Water

Location of sampling

: Openwell Water

Date of sample collected

: 18/09/2020

Date of analysis

: 19/09/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983	4 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984	BDL	1 NTU
pH	IS 3025 (P) 11 – 1983	6.56	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 15 – 1984	68 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 – 1983	20.8 mg/l	200 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 – 1986	14 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986	BDL	0.2 mg/l
Chloride as Cl ⁻	IS 3025 (P) 32 – 1988	9.6 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991	5.1 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994	2.34 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003	0.14 mg/l	0.30 mg/l
Sulphate as SO ₄	IS 3025 (P) 31 – 1988	3.46 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 – 2008	BDL	1.0 mg/l

Note : BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

Authorized signatory

SREEJA RAMESH
QUALITY MANAGER

POLUCHEM LABORATORIES

* End of the report*

The above results are related only to the sample submitted for analysis. This test report shall not be reproduced except in full, without the written approval of the laboratory.



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY
PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104
Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

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Page 02 of 02

Continuation of Test Certificate No: 14115/2020

Parameters tested	Test method	Results	Acceptable Limits As per IS-10500-2012
Selenium as Se	IS 3025 (P)56 – 2003	BDL	0.01 mg/l
Arsenic as As	IS 3025(P) 37– 1988	BDL	0.01 mg/l
Copper as Cu	IS 3025(P) 42– 1992	BDL	0.05 mg/l
Manganese as Mn	IS 3025(P) 59– 2006	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992	BDL	0.003 mg/l
Chromium as Cr	IS 3025 (P)52 – 2003	BDL	0.05 mg/l
Zinc as Zn	IS 3025(P) 49 – 1994	BDL	5 mg/l
Mercury as Hg	IS 3025(P) 48 – 1994	BDL	0.001 mg/l
Cyanide as CN	IS 3025(P)27 – 1986	BDL	0.05 mg/l
Lead as Pb	IS 3025(P) 47– 1994	BDL	0.01 mg/l
Aluminum as Al	IS 3025 (P) 5 – 2003	BDL	0.03 mg/l
Boron as B	IS 3025(P) 57– 2005	BDL	0.5 mg/l

Note : BDL – Below Detection Level

MICROBIOLOGY ANALYSIS

Parameters tested	Unit	Test method	Results	Acceptable Limit As per IS – 10500-2012
Coliforms	MPN/100ml	IS 1622: 1981	Absent	Absent
E coli	Present or Absent/100ml	IS 1622: 1981	Absent	Absent

For PoluChem Laboratories (P) Ltd.

SREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES (P) LTD.

Authorized Signatory

* End of the report*

The above results are related only to the sample submitted for analysis. This test report shall not be reproduced except in full, without the written approval of the laboratory.

Half yearly Compliance Report

Photographs showing EC
Conditions displayed

ANNEXURE 17



ലൈസൻസി : ഷിജു തോമസ്, പള്ളിവാതുക്കൽ, ചിലന്ദ് പി. ഒ., ഇഞ്ചിയാനി
 ഇല്ല : ഇടുക്കി
 താലൂക്ക് : തൊടുപുഴ
 വില്ലേജ് : ആലക്കോട്
 സർവ്വേ നമ്പർ : 294/1, 294/2, 295/5, 295/6, 296/2, 356/1-1
 വിസ്തീർണ്ണം : 4.3049 ഹെക്ടർ
 E.C. No. : 1/2016/DEIAA/IDK/KERALA.
 dtd:20/04/2017 to 19/04/2022
 LEASE ORDER NO : 55/2017-18/6319/M3/2016 DMG dtd:04/05/2017
 LEASE STARTING DATE: 10/05/2017 ending date: 09/05/2029
 D & O LICENSE : 27/04/2017 to 31/03/2018
 NAME OF MINERAL : Granite (Building Stone)
 ANNO LIC PRODUCTION : 1,45,000 METRIC TONNE

Half yearly Compliance Report

Noise Level Monitoring Reports

ANNEXURE 18



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/14113/2020
Mr. Shiju Thomas. Pallivathukal (H) Chilavu Post, Thodupuzha, Idukki Pin:685588	Date of issue:	28/09/2020
	Date of monitoring	18/09/2020 09.00 Hrs to 19/09/2020 09.00 Hrs
	Monitoring Location	Quarry owned by Mr. Shiju Thomas SY Nos.294/1 Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt & 356/1-1 Pt. Taluk : Thodupuzha Village : Alakode, District : Idukki, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Time	Results
East side boundary	10.30 Hrs	49.6 dB (A)
	11.30 Hrs	48.2 dB (A)
	12.30 Hrs	47.3 dB (A)
	13.30 Hrs	46.3 dB (A)
	14.30 Hrs	44.2 dB (A)
	15.30 Hrs	43.6 dB (A)
	16.30 Hrs	41.2 dB (A)
	17.30 Hrs	39.8 dB (A)
	18.30 Hrs	36.5 dB (A)
	19.30 Hrs	33.6 dB (A)
	20.30 Hrs	33.4 dB (A)
	21.30 Hrs	33.4 dB (A)
	22.30 Hrs	32.4 dB (A)
	23.30 Hrs	33.4 dB (A)
	00.30 Hrs	34.7 dB (A)
	01.30 Hrs	36.2 dB (A)
	02.30 Hrs	39.5 dB (A)
	03.30 Hrs	40.2 dB (A)
	04.30 Hrs	41.3 dB (A)
	05.30 Hrs	42.5 dB (A)
06.30 Hrs	44.6 dB (A)	
07.30 Hrs	45.2 dB (A)	
08.30 Hrs	46.0 dB (A)	
09.30 Hrs	45.8 dB (A)	
Leq (Day time)		48.4 dB (A)
Leq (Night time)		33.4 dB (A)

*End of the Report *

SREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES (P) LTD.

For PoluChem Laboratories (P) Ltd.

Authorized Signatory

Half yearly Compliance Report

Panchayath License

ANNEXURE 19



ലൈസൻസ് നമ്പർ-എ6-558/2020(1)

തീയതി-28/04/2020

ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232,233,234,254 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു വ്യവസായങ്ങൾ ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ സംരക്ഷക പ്രവർത്തനങ്ങൾ മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്ക് നൽകുന്ന

ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ഷിജു പള്ളിവാതുക്കൽ (H) ചിലവ് പി.ഒ തൊടുപുഴ
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	മരിയ ഗ്രാനൈറ്റ്സ് ,ഇഞ്ചിയാനി
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറപൊട്ടിച്ച് വിൽപന നടത്തുന്നതിന്
വാർഡ് നമ്പരും, കെട്ടിട നമ്പരും, വില്ലേജ്, സർവ്വേ നമ്പർ	IX. ആലക്കോട്- 294/1, 294/2,295/5,295/6,296/2,356/1-1
ലൈസൻസ് കാലയളവ്	28/04/2020 മുതൽ 31-03-2021 വരെ
ഇടാക്കിയ ലൈസൻസ് ഫീസ്	ഫീസ് -10000/- തൊഴിൽനികുതി -2500/- എച്ച്.പി -4000/ ----- ആകെ = 16500/-
രസീത് നമ്പർ, തീയതി	120010100011 28/04/2020
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ	1) കേരള സംസ്ഥാന മലനീകരണ നിയന്ത്രണ ബോർഡിന്റെ സർട്ടിഫിക്കറ്റ് 2) പെട്രോളിയം & എക്സ്പ്ലോറേഷൻ സർട്ടിഫിക്കറ്റ്, 3) മൈനിംഗ് & ജിയോളജി വകുപ്പിൽ നിന്നുള്ള ക്വാറി ലീസ് സർട്ടിഫിക്കറ്റ് 4) തൊടുപുഴ താലൂക്ക് സർവ്വെയറുടെ സർവ്വേ മാപ്പ്



(Signature)
 രാജമോഹനൻ പി.എസ്.
 സെക്രട്ടറി
 ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്
 ഇടുക്കി ബില്ഡ് - 685 588, തലയന്തറമ്പി - 11



ലൈസൻസ് താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി സൗകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ലൈസൻസി കാണിക്കേണ്ടതുമാണ്.
3. ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്ക വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാക്കാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യപാരത്തിനു വച്ചിട്ടുള്ള ക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഒരോ പ്രവർത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പുചവറോ, മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച്, സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ഏതെങ്കിലും തരത്തിലുള്ള തൃക്ക് രോഗമോ കുഷ്ഠ രോഗമോ വ്രണമോ പകർച്ച വ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
9. 40 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റ് നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
10. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയ്ലറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
11. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപറഞ്ഞ പരിസരത്തിലുള്ള തറയുംനടപ്പാതയും അവിടെ തെറിപ്പുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ, ചപ്പുചവറോ, അസഹ്യവും, ഉപദ്രവകരവുമാ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്തേണ്ടതാണ്.
12. ലൈസൻസി മേൽപറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓവുചാലും, അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് വയ്പിക്കേണ്ടതാണ്.
13. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാക്കാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യപാരത്തിനു വച്ചിട്ടുള്ള ക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
14. ഒരോ പ്രവർത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ബ തുടങ്ങിയവ സംഭരിച്ചുവയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കാൻ പാടില്ല.
17. പൊടിപടലങ്ങൾ നിയന്ത്രിക്കുന്നതിനായി സമയാസമയങ്ങളിൽ വെള്ളം നനയ്ക്കണം.
18. സ്പോടന സമയത്ത് ചീളുകൾ ദുരയ്ക്കൽതെറിച്ച് വീഴാതിരിക്കാൻ മണൽ ചാക്കുകൾ അടുക്കി ആവശ്യമായ സുരക്ഷ ഒരുകിടണം.
19. സ്പോടന സമയത്തിന് മുൻപ് സമീപവാസികളെ അറിയിക്കുന്നതിനായി സൈറൻ മുഴുക്കണം.

ഗവൺമെന്റ് കേരളം
നഗരസഭ
കോടംഗലം



20. സ്പോട്സ് സമയവും, എണ്ണവും മറ്റും പൊതുജനങ്ങൾ കാണാത്തവിധം എഴുതി പ്രദർശിപ്പിക്കണം.
21. കോറിയിലേയ്ക്കുള്ള റോഡുകളിൽ വാഹനം വാഹനം ഓടി പൊടിപടലങ്ങൾ പറക്കാതിരിക്കാൻ വെള്ളം നനയ്ക്കണം.
22. ജീവനക്കാർക്ക് ആവശ്യമായ പ്രഥമ ചികിത്സ സംവിധാനങ്ങൾ പ്രാഥമികാവശ്യങ്ങൾക്കുള്ള ടോയ്ലറ്റ്കളും ക്രമീകരിക്കണം.
23. ഇതര സമസ്താന തൊഴിലാളികളെ ജോലിക്കായി നിയോഗിക്കുമ്പോൾ അവരുടെ വിവരങ്ങൾ പി.എച്ച്.സിയെ രേഖാമൂലം അറിയിക്കണം.
24. Blasters Certificate ലൈസൻസ് ഉള്ള വ്യക്തികളെക്കൊണ്ട് മാത്രമേ പാറപ്പൊട്ടിക്കുവാൻ പാടുള്ളൂ
25. ലൈസൻസിനായി സമർപ്പിച്ചിട്ടുള്ള അപേക്ഷയോടൊപ്പം ഹാജരാക്കിയിട്ടുള്ള വിവിധ വകുപ്പുകളുടെ നിരാക്ഷേപ സാക്ഷ്യപത്രത്തിൽ പറഞ്ഞിട്ടുള്ള സർവ്വേ നമ്പരുകളിൽ മാത്രം ക്വാറി നടത്തേണ്ടതാണ്.
26. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകാവുന്നതാണ്.
27. കാലാവധി തീരുന്നതിന് 30 ദിവസം മുമ്പായി ലൈസൻസ് പുതുക്കുന്നതിന് അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്



[Handwritten Signature]
സെക്രട്ടറി

ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

രാജമോഹനൻ പി.എസ്.
സെക്രട്ടറി

ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്
ഇടുക്കി ബില്ല് - 685 588, കലയാനന്ദനി പി.ഒ.
ഫോൺ : 04862 - 276246, മൊ. 9496045061

Half yearly Compliance Report

Soil Report

ANNEXURE 20



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Client Name & Address	Certificate No:	PL/RT/SO/14112/2020
Mr. Shiju Thomas. Pallivathukal (H) Chilavu Post, Thodupuzha, Idukki Pin:685588	Date of issue:	28/09/2020
	Date of monitoring	18/09/2020
	Monitoring Location	Quarry owned by Mr. Shiju Thomas SY Nos.294/1 Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt & 356/1-1 Pt. Taluk : Thodupuzha Village : Alakode District : Idukki, Kerala
	Sample Description	Soil – East Side
Parameter	Results	
pH	6.0	
Electrical Conductivity	176 μ S/cm	
Potassium	44 mg/kg	
Phosphorous	16 mg/kg	
Nitrogen	44 mg/kg	
Organic Carbon	0.96 %	
Calcium	43 mg/kg	
Magnesium	23 mg/kg	
Fluoride	<0.1 mg/kg	
Sulphate	83 mg/kg	
Copper	<0.1 mg/kg	
Zinc	<0.1 mg/kg	
Mercury	<0.1 mg/kg	
Chromium	<0.1 mg/kg	
Lead	<0.1 mg/kg	
Arsenic	<0.1 mg/kg	

For PoluChem Laboratories (P) Ltd.

SREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES (P) LTD.

Authorized Signatory.