QUARRY PROJECT OF

V.MOIDEEN

(V.K.M STONE CRUSHER)

SURVEY NO. : 103/2

- EXTENT : 1.5195 hectares
- VILLAGE : KANNAMANGALAM
 - TALUK : THIRURANGADI
- DISTRICT : MALAPPURAM
 - STATE : KERALA

1st COMPLIANCE REPORT

Ref: EC. No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) -

DATED: 01-12/2017

FOR THE PERIOD UP TO

JUNE 2018

To,

The Member Secretary, DEIAA, Malappuram.

Respected Sir,

Sub: Environmental Clearance - Quarry project in survey No 103/2 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala. – Compliance report – Reg.

Ref: EC No: 27/2017 (File No. DEIAA/MAL/EC/029/2017) DT 01-12-2017

My quarry project was accorded with environmental clearance No. : 27/2017 (File No. DEIAA/MAL/EC/029/2017) dated 01-12-2017. The compliance report to the specific and general conditions of the Environmental Clearance is enclosed herewith.

Thanking you

Yours respectfully,

V.Moideen (Managing partner& Authorized signatory)

Encl: As Above.

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EC Compliance Report of Quarry Project of Mr. V.Moideen

I. ABOUT THE PROPONENT

Mr. V. Moideen, Managing partner & Authorized signatory of M/s V.K.M Stone Crusher, Cherur p.o, Kannamangalam, Vengara, Malappuram district.

District Environment Impact Assessment authority (DEIAA) Malappuram accorded Environmental Clearance No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) dated: 01-12/2017 to the quarry project in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala State managed by Mr. V. Moideen.

II. ABOUT THE PROJECT

a. Project Category:

The project comes under the Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.

b. Project Location:

Survey No. 103/2 in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala.

The proposed project site falls within latitude and longitude value:

Latitude (N)	N 11°5'58.83" to N 11°06'2.75"
Longitude (E)	E 75°59'52.99" to E 75°59'59.16"

c. Project Extent And Activity:

The project is for quarrying of 50,000 TPA of building stone from an area of 1.1595 hectares of land located as specified above.

d. Project Description:

The project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The project does not involve any underground mining activities. The mining is done by open cast semi mechanized method. The expected life of mine is 12 years.

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE	REMAR KS
S-1	The overburden shall be properly stacked and it shall not in any way obstruct the valley adjacent to the property.	Yes, Scrupulously follows the directions contained	
S-2	Evergreen type of plants (Tamarind, gooseberry, "vaka") should be planted around the quarry and in buffer zone and adjacent area so as to compensate the number of tree fell during mining operation.	Would be planted.	
S-3	Rainwater harvesting shall be practiced to reduce to groundwater consumption.	Would be provided	
S-4	CSR shall be spent at a rate of Rs.10 for production of very tonne of granite building stone in the quarry of the concerned local body, such as government institutions.	CSR activities are being implemented.	
S-5	Proper fencing shall be around the quarry area.	Scrupulously follows the directions contained.	PLATE 6
S-6	The overburden and soil removed from the quarry shall be properly stacked in the nearby area.	Yes, it is provided as per the conditions.	PLATE 7
S-7	Preventive measures shall be taken to control soil erosion.	Yes, it is provided.	
S-8	The trees cut and removed from the lease area shall be compensated during mine closure period.	The trees cut and removed from the lease area shall be compensated during mine closure period.	
S-9	Fast growing plants must be grown along the buffer zone.	Yes, it is provided.	
S-10	Proper distance shall always be kept from the valley to the mining area.	Yes, it is provided.	
S-11	The soil, overburden or tailing shall always dump away from the valley.	Yes, it is provided.	PLATE 7

S-12	Garland drain method shall be adopted		
5-12	to avoid pollution in the stream.	Would be provided.	
S-13	Fast growing and evergreen type of		
5-15	plants shall be grown along the buffer	Yes, it is provided.	
	zone and its surroundings.		
S-14	There shall be provision for harvesting		
5-14	the total amount of rain water in the	Would be provided.	
	entire quarry area with sufficient		
	storage facility.		
S-15	Blasting shall be limited to two times	Yes, it is provided.	
0 10	daily.		PLATE 8
S-16	Controlled blasting techniques shall be		
0 10	adopted to avoid any danged from	Would be implemented.	
	flying rocks to the nearby house.	1	
S-17	Mines manager shall be appointed to		
-	control, direct, manage and supervise		
	the quarrying operations as required	It will be provided.	
	under the Mines Act,1952	r	
S-18	A green belt shall be developed along		
	with boundary of the lease area.	Yes, it is provided.	
S-19	Evergreen type of trees must be	It shall be ensured that the	
	planted to reduce the consequences of	directions contained are	
	dust originating from it.	scrupulously followed.	
S-20	Garland drain must be provided to		
	control water pollution during rainy	Would be provided.	
	seasons.		
S-21	Health and welfare measures for the	Health and welfare measures for	
	persons employed shall be	the persons employed are being	
	implemented.	implemented.	
S-22	Controlled blasting should be practiced	Controlled blasting practiced and	
	and blasting shall be done only during	blasting is done only during day	
	day time.	time.	
S-23	The mitigative measures for control of	The mitigative measures for	
	ground vibrations to arrest the fly	control of ground vibrations to	
	rocks and boulders should be	arrest the fly rocks and boulders	
0.01	implemented.	are implemented.	
S-24	Plantation shall be done which		
	includes a green belt of adequate width	A	
	around the mining lease area excluding	Activities are being	
	the rocky area, along roads,	implemented.	
	overburden dumps and non		
	mineralized area by planting suitable		

	, , , , <u>, , , , , , , , , , , , , , , </u>		
	native specious in consultation with		
	the local DFO/Agriculture		
0.05	Department.		
S-25	The drains should be regularly de-		
	silted and maintained properly. Check		
	dam and gully checks shall be	TA7 111 ·1 1	
	constructed wherever required to	Would be provided.	
	arrest siltation. De-siltation shall also		
	be done every year before the onset of		
6.96	monsoon.		
S-26	Fencing must be maintained properly	Fencing is maintained properly	PLATE 6
S-27	all around the lease area.	all around the lease area.	FLAIE 0
5-27	Appropriate sign boards should be	Appropriate sign boards are	PLATE 9
	displayed. Alternative road must be	displayed.	ILAIL 9
S-28	constructed.	The blasting time is displayed	
3-20	The blasting time must be displayed and strictly adhered to.	The blasting time is displayed	PLATE 8
S-29		and strictly adhered to. It is ensured.	I LATIL O
3-29	Dust suppression mechanism must be in place.	it is ensured.	
S-30			
5-50	A separate small plot to be maintained in the premise to preserve rare and		
	endemic species, if any, listed in the	It is provided.	
	biodiversity assessment etc.		
S-31	The PPV values must be less than		
0.01	10mm/sec.	It shall be ensured.	
S-32	Where the height of the bench formed		
	during earlier workings exceeds the		
	maximum reach of the excavator	Scrupulously follows the	PLATE 5
	engaged for work, such bench height	directions contained.	
	shall be reduced from top to bottom.		
S-33	Loose or hanging rock or mineral	It is ensured that all the loose or	
	boulder on the side wall be dressed	hanging rock or mineral boulder	
	down before engaging persons for	on the side wall be dressed down	
	work at the bottom of the bench.		
S-34	Permanent boundary pillars should be		
	fixed by the proponent before	Would be provided.	
	commencing quarrying		
S-35	The proponent should submit cluster		
	certificate before commencing	Would be provided.	
	quarrying activities.		

B. GENERAL CONDITIONS OF HEALTH

1	First Aid Kit provided in the work site. It shall be periodically maintained properly. Some laborers shall be trained on First Aid.	Scrupulously follows the directions contained.
2	Wholesome drinking water should be provided.	Drinking water is provided.
3	Premises should be maintained as wet suppress the dust.	Scrupulously follows the directions contained.
4	Sanitary type of latrines and urinals should be provided.	Latrines and urinals are provided.
5	Resting place should be provided for workers.	Resting place is provided for workers.
6	'No Smoking' board should be exhibited according to COTPA Act	'No Smoking' boards are placed.
7	Work should not be done in night.	No works in night.
8	Details of nearest hospital, Shortest route to hospital and contact no. etc should be available.	Details of nearest hospital, Shortest route to hospital and contact no. etc. are displayed.
9	Approach roads should be maintained properly and it should be paved with laterite / granite rubbles in order to increase infiltration of rain water to the ground.	Scrupulously follows the directions contained.

EC Compliance Report of Quarry Project of Mr. V.Moideen

C. GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.	Would be provided.	
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	An Environment Monitoring Cell is constituted and made functional.	ANNEXURE I
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees by way of natural vegetation are present along either side of the tarred road, both approach road and internal road.	PLATE-2
G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Would be provided.	
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are used in the project site to contain dust emissions.	
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	It is assured that eco-restoration including the mine closure plan will be done at the own cost of the project proponent.	ANNEXURE 2
G-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	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Activities towards Corporate Social Responsibility are being implemented.	ANNEXURE 6
G-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.	Scrupulously follows the directions contained.	PLATE-6
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.	Warning alarms will be installed in the project site.	
G-11	Control measures on noise and vibration	Control measures on noise and	

	prescribed by KSPCB should be implemented.	vibration is as per KPSCB	
G-12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Quarrying activities is limited as per KPSCB guidelines.	
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	Scrupulously follows the directions contained.	Annexure 2
G-14	A licensed person should supervise/control the blasting operations.	Scrupulously follows the directions contained.	
G-15	Access roads to quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Scrupulously follows the directions contained.	
G-16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/ specific conditions.	Overburden is stacked in pre- determined site specified for the purpose.	
G-17	Height of benches should not exceed 5 m and width should not be less than 5 m if there is no mention is the mining plan/specific conditions.	Height of the benches is maintained at 5 x 5 m.	PLATE-4
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Would be provided.	
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Scrupulously follows	
G-20	Non mining operations should be carried out at places having a slope greater than 45°.	Scrupulously follows the directions contained.	
G-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.	Would be complained.	
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site is provided with the required protective equipment such as ear muffs, helmet, etc	
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Would be provided.	
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Scrupulously follows the directions contained.	
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred	Would be complained.	

	while clearing the land for the project.		
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Scrupulously follows the directions contained.	
G-27	Explosives should be stored in magazines in isolated place specified and approved by Explosive Department.	Scrupulously follows the directions contained.	
G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure not being any facility for mining shall be provided .	Scrupulously follows the directions contained	PLATE-7
G-29	100 m buffer distance should be maintained from forest boundaries.	Scrupulously follows the directions contained.	
G-30	Consent from Kerala State Pollution, Control Board under Water and Air (Acts) should have been obtained before initiating mining activity.	Scrupulously follows the directions contained.	Annexure 3
G-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.	Scrupulously follows the directions contained.	
G-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 EC is issued. The projects would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this Authority.	Scrupulously follows	
G-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.	All the safeguard measures are done as per Environment (Protection) Act, 1986.	
G-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,	Scrupulously follows the directions	
	1986, the Public Liability (Insurance) Act,	contained.	
	1990, the Fublic Elability (insurance) Act, 1991 and EIA Notification, 2006.	Contuniou.	
G-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 <u>www.seiaakerala.org</u> .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	Advertised in local newspaper and submitted a copy of it as a proof in this compliance report.	ANNEXURE 5
G-36	the office of this Authority as confirmation 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	Scrupulously follows the directions contained.	ANNEXURE 5
G-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 email) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. 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	Conditions are being complied with. This report is in compliance with submission of six monthly compliance reports.	
G-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.	The conditions of Environmental Clearance are prominently displayed in a metallic board.	PLATE -4
G-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.	The proponent has provided notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC has been scrupulously followed.	ANNEXURE 4
G-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.	Scrupulously follows the directions contained	
G-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.	Ensured that no natural water course and/or water resources were obstructed due to any mining operations.	
G-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.	Scrupulously follows the directions contained as per the conditions.	
G-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 dumpsite(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of dumps shall be maintained to 45 ^o . 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 the	Scrupulously follows the directions	
	vegetation becomes self-sustaining.	contained as per the conditions.	PLATE -7
G-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	contained as per the conditions.	
	sediments directly in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly.	Scrupulously follows the directions contained.	
G-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 PM2.5 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.	Scrupulously follows the directions contained and ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	
G-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	Scrupulously follows the directions contained.	
G-47	Measures should be taken for control of noise levels below 85dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment.	
G-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.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	INDEX 4 C
G-49	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	The funds earmarked for environmental protection measures and CSR activities are being kept in separate account and have not been diverted for other purposes. Year wise expenditure will be reported to the State Environment Impact Assessment Authority (SEIAA) office.	ANNEXURE 6
G-50	The Regional office of MOEF &CC located	The Regional office of MOEF &CC	

r			
	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.	located at Bangalore will monitor compliance of the stipulated conditions. The project authorities will extend full cooperation to the officer(S) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	
G-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.	Strictly follow the rules and Scrupulously follows the directions contained.	
G-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	Strictly follow the rules, if any factual data is concealed or false/fabricated data is submitted and failure to comply with any of the conditions mentioned above is found.	
G-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.	SEIAA can revoke any order if any of the specific or this implementation of any of the above conditions is not satisfactory.	
G-54	The above conditions shall prevail not withstanding 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.	Yes, all the above conditions shall prevail not withstanding 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.	
G-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.	Yes, 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.	
G-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.	Yes, the Environmental Clearance is subjected to the final order of the courts in any pending litigation related to the land or project, in any court of law.	
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation has been restricted to above ground water table and it will not intersect	

		ground water table.	
G-58	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	Scrupulously follows the directions contained.	
G-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.	Scrupulously follows the directions contained.	
G-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.	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 will be carried out and reported in the six monthly reports to SEIAA.	
G-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.	Occupational health surveillance program of the workers will be done periodically to observe any contractions due to exposure to dust and corrective measures will be taken, if needed.	

EC Compliance Report of Quarry Project of Mr. V.Moideen

IV. ANNEXURES

ANNEXURE 1

An environmental monitoring cell was formed with Mr. V. Moideen head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below:-

Sl. No.	Post	Name	
1	Head of the monitoring cell	V. Moideen (Managing partner & Authorized signatory)	
2	Head in charge (Environment)	Mr. Aboobacker	
3	Senior Environmental Officer	Mr. Ummer	
4	Environmental Officer	Mr. Hasainar	
5	Name of the environmental officer in charge	Mr. Said alavi	
6	Name of the officer Environment, Health and safety	Mr. Safeer Ali	
7	Name of the Assistant Officer of Environment, Health and safety	Mr. Hasainar	
8	Name of the environmental consultant	GEC Mining Solutions	

ANNEXURE 2

Natural vegetation including trees, shrubs and herbs present in the quarry site are mentioned in the table below:-

Sl No.	Scientific Name	Common Name	Family
1	Macaranga peltata	Vatta	Eupphorbiaceae
2	Cocus Nucifera	Coconut Tree	Arecaceae
3	Gliricidia sepium	Seemakkonna	Fabaceae

EC Compliance Report of Quarry Project of Mr. V.Moideen

V. PLATES

<u>Plate –1</u>

Quarry site



EC Compliance Report of Quarry Project of M/s V.K.M Stone Crusher

<u> Plate -2</u>

Photographs showing natural vegetation in the approach sides of roads



EC Compliance Report of Quarry Project of M/s V.K.M Stone Crusher

<u> Plate -3</u>

Photographs showing natural vegetation in the project area



EC Compliance Report of Quarry Project of M/s V.K.M Stone Crusher

<u> Plate -4</u>

Photograph showing details of the environmental clearance prominently displayed in a metallic board



<u> Plate -5</u>

Benches in the project Area



<u>Plate -6</u>

Fencing with barbed Wires



<u> Plate -7</u>

Top soil dump yard



<u> Plate -8</u>

Blasting Time Displayed Board



EC Compliance Report of Quarry Project of M/s V.K.M Stone Crusher

<u> Plate -8</u>

Warning Sign Board



ANNEXURE 1 AFFIDAVIT FOR ECO-RESTORATION



கே0லல் केरल KERALA

BW 452720

In Kerala Stamp Paper with Notary Attested (Rs. 200)

<u>AFFIDAVIT</u>

I, Mr. V.Moideen, Managing Partner & Authorized signatory of V.K.M Stone Crusher having correspondence office at Cherur(p.o), Kannamangalam, Vengara, Malappuram district, Kerala, do hereby affirm and confirm as follows:-

 That, my quarry project is situated at survey No 103/2 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala, 676508.

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கேலல் केरल KERALA

BW 452721

2. That, the eco-restoration including the mine closure plan will be done at my expenses.

DEPONENT V.M

Verification:

Verified that my above statements are true to the best of my knowledge and belief and no material has been concealed therein.

NOTARIAL REGISTER Vol No. Page No. 60 DEPONENT SI No. 1.20 gDate H . la bas V.morden Place: Malappuram Solenni Data : 11:/10/2018 Imal 2 le Mayrood 6 www.17.563 he 2018 6ha 111F തീളം .. [.[-]a-10 Mon Soft Cou 35 menter a to log MB V. ARDWA Reg. No 4. 00 + ···· 253000 എ.കെ. രാധാമണി 🕅 09 15

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ANNEXURE 2 EXPLOSIVE LICENSE



GOVERMENT OF INDIA MINISTRY OF COMMERCE & INDUSTRY PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO) (Formerly Department of Explosives) No.140, Ruberini Laxmipati Road, Marshalls Road, Egmore, Chennai 600008 Tele: 28514848 Fax: 28514848 Email: jtccechennai@explosives.gov.in

No: E/SC/KL/22/301(E11744)

SRI. V. MOIDEEN.

Dated : 23/01/2014

V.K.M.STONE CRUSHER, P.O. CHEPUR, KONDOTTY, KANNAMANGALAM, MALAPPURAM DISTRICT, KERALA. Distt. MALAPPURAM, State. Kerala, Pincode-673638

Subject:

Possession for Use of Explosives from magazine at Survey No(s).:103/2, Village/Town. KANNAMANGALAM (V), THIRUVANGADI TK., Distt. MALAPPURAM, State Kerala Licence No.: E/SC/KL/22/301(E11744) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

Sir(s),

To

Reference to your letter No.: nil dated: 23/01/2014, the subject licence duly renewed upto 31/3/2019 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

For further renewal of licence, please submit the following documents so as to reach The Dy. Chief Controller of Explosives, Kochi on or before 31/3/2019.

- Application in Form RE-1 duly filled in and signed.
- Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt. Chief Controller of Explosives, Chennai payable at Chennai.
- · Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

• Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not

Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach The Dy. Chief Controller of Explosives,
 All blasting operations that here the succeeding quarter. (Not applicable for fireorks store house)

• All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

Enclosures :

Yours faithfully

(K Sundaresan) Controller of Explosives For Joint Chief Controller of Explosives South Circle, Chennai

Copy Forwarded to:

1. District Magistrate, MALAPPURAM (Kerala) for information.

For Joint Chief Controller of Explosives South Circle, Chennai

[For more information regarding status, fees and other details, please visit our web site http://peso.gov.in]

LICENCE FORM LE-3 (See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

Licence to possess : (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magaz

Licence No. : E/SC/KL/22/301(E11744) Annual Fee Rs 2000/-



Licence is hereby granted to : SRI.V.MOIDEEN (Occupier : V MOIDEEN)

V.K.M.STONE CRUSHER, P.O. CHEPUR, KONDOTTY, KANNAMANGALAM, MALAPPURAM DISTRICT, KERALA., Town/Village - Chepur

District-MALAPPURAM, State-Kerala, Pincode - 673638

- 2. Status of licensee : Individual
- 3. Licence is valid only for the following purpose : possess for use of Nitrate Mixture, Safety Fuse, Detonators,
- 4. (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2,0	0	75 Kg.
2.	Safety Fuse	6,1	0	1500 Mtrs
3.	Detonators	6,3	0	1000 Nos.

(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]: 20 times as above.

- The licensed premises shall conform to the following drawing(s): Drawing No : E/SC/KL/22/301(E11744) dated : 01/02/2002
- 6. The licensed premises are situated at following address: Survey No(s). 103/2 , Town/Village : KANNAMANGALAM (V), THIRUVANGADI TK. Police Station : VEVGARA PinCode : Phone : E-Mail

State : Kerala Fax :

Joint Chief Controller of Explosives

South Circle, Chennai

Sd.

- 7. The licensed premises consist of following facilities : TWO MINI EXPLOSIVE MAGZINE.
- The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008
 framed there under and the conditions, additional conditions and the following Annexures.
 - (1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
 - (2) Conditions and Additional Conditions of this licence signed by the licensing authority.
 - (3) Distance Form DE-2
- 9. This licence shall remain valid till 31st day of March 2003

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

The Date: 01/02/2002

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 22/01/2014
- Amendment in Drawings/Facilities/Premises dated 22/01/2014
 - Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
23/01/2014	31/03/2019	Jt. Chief Controller of Explosives, South Circle, Chennai

Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

(Set VIII)

The following are the conditions of licence number E/SC/KL/22/301(E11744) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- The quantity of explosives on the premises at any one time shall not exceed the licensable capacity
- The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and amenant to the factore

- 4
- The opening of packages and the weighting and packing of explosives shall not be carried on in the magazine. Two or more description or explosives which may be permitted to be kept in the magazine shall be kept and of they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other, Provided that—

(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety finest belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space. (e) Detonators belonging to Class 6 Division 3 shall be kept separately

- (f) Gun powder belonging to Class 1 shall be kept separately
- Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except 6 with the special sanction of licensing authority. Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except
- with the special sanction of the Controller of Explosives (i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand. (ii) When an explosive owing to its being no longer of standard purity or owing to signs of liqueflaction or of exaded mitto-glycerin or liquid nitroglycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or converted as to prevent the exposure of 8 any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangersually affected by water, due precautions shall be taken to exclude water there from,

Provided that so much of this condition as relates to precautions against the exposure of any some or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept. If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving

0 unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, 10. for preventing the introduction into danger area of the factory premises of fie. Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other

- than an explosive of the 1st Division of the 6th (Ammunition) Class is kept. The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and 1L records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered
- No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any 12 condition that may be specified by the licensing authority in this behalf
- Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority 13. forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever. The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules
- 14
- Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action. 15
- The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable 16 The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
- The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
- 18
- The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms. A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials. 19
- Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition Not more than 4 persons shall be allowed inside the magazine or store house at any one time. 20
- Empty packages of the explosives shall be removed at the earliest and destroyed.
- The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises 23
- Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed. If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or 24
- 25 alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority
- The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or 26 company for possession and sale from the magazine.

27

- The possession and sale of fire-crackers generating noise level exceeding, a) 125 dB(A1) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited.
- b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.
- Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing 28. authority and local office of the licensing authority

For Joint Chief Controller of Explosives South Circle, Chennai

The magazine shall be used only for keeping all explosives specified in this licence and of receptacies for, or tools or implements for work connected 3 with the keeping of such explosives

ANNEXURE 3 POLLUTION CERTIFICATE

FILE NO : 6293214 Date of issue : 18/12/2017



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974 The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :6293214 Dated:16-12-2017

TO

M/s QUARRY OF V.K.M STONE CRUSHER Kannamangalam, Cherur, Vengara

Consent No. :PCB/CO/EXP/159/17 Valid Upto :30/11/2022

Pagel

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	30/11/2022
2	Name and Address of the establishment	QUARRY OF V.K.M STONE CRUSHER KANNAMANGALAM, CHERUR, VENGARA 676508
3	Communication	Telephone :-9526600900 Fax :- E-mail:alimonvkm@gmail.com
4	Occupier Details	V. Moideen Veersseri, Chullipara P.O, Valakkulam, Malappuram
5	Local Body	Kannamangalam Grama Panchayat
6	Survey Number	103/2
7	Village	Kannamangalam
8	Taluk	THIRURANGADI
9	District	MALAPPURAM
10	Capital Investment(Rs in Lakhs)	45.0/-
11	Scale	Small
12	Category	RED
13	Annual fee(Rs) Total Fee remitted(Rs)	9600/- 50400/-
14	RAW MATERIAL	PRODUCTS
	GRANITE BUILDING STONE @150 Metric Tonnes/DAY	BLASTED RUBBLES @150 Metric Tonnes/DAY (Quarrying in 1.5195 hectares of land in survey no. 103/2 of KANNAMANGALAM Village,THIRURANGADI Taluk,MALAPPURAM Dist)
15	Total Power Required (HP)	NIL

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

Page2

2.2 Water consumption: NIL

2.3 Effluent generation: -

2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SLNO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent: -

3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

Stack No.	Sources of Emission	Emission Rate(Nm3/Hr)	Stack Heigh	ht above	Control Equipment
			Ground	Roof Level	

3.2

Emission characteristics shall not exceed the following:

SI.No.	Parameter	Limiting Standards (mg/Nm3)

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1	The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.
	(Regulation and Control) reales 2000.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

4.3.1 Activities for which Authorisation is granted

Collection	transport	
Reception	Storage	
Treatment	Reprocessing/Disposal	

4.3.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

SI.No. Hazardous Waste		Schedule Category	Quantity Tonne/year
		Mode of	
	Storage		Disposal
		Page3	

4.4

E-waste shall be disposed off safely as per the E-Waste (Management)Rules, 2016.

5. SPECIFIC CONDITIONS

5.1. The location of the Quarry shall be as per the approved drawing attached.

5.2. The PM 2.5 in ambient air at the boundary shall not exceed 60 microgram/m3

5.3. 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 foOnline Consent Management & Monitoring System 3 months before the end of validity period. Late application will be accepted only with a fine /late fee as applicable.

5.4. Boundary shall be fenced before operation of quarrying activities.

5.5. The concentration of PM10 at the boundary shall not exceed 100 microgram/m3.

5.6. After extraction at the site is completed, the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.

5.7. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of air, water, land and sound pollution.

5.8. No change or alteration of the quarrying area is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.

5.9. The ambient air quality measured at 1 m outside the boundary of the premises shall not exceed the ambient air quality applicable to the adjoining area.

5.10. The sound level measured at 1 m outside the boundary of the premises shall not exceed the ambient sound level applicable to the adjoining area.

5.11. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.

5.12. The consentee shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

5.13.Bench cutting method shall be adopted for quarrying.

5.14.Blasting shall be done with prior signals in specified time.No. of blasting shall not exceed 10nos. at a time.

5.15.Blasting and quarrying shall be done without causing any nuisance or damage to occupants of adjoining or neighbouring land or building or posing damage to health, life or property.

5.16.Mining below normal water table by continuous pumping shall be avoided in summer

period(March, April, May)to prevent drinking water shortage in that area.

5.17.Noise creating activities such as driiling ,blasting,breaking,loading etc shall not be done during night time(6pm-6am).

5.18. The applicant shall submit copies of all relevant permits/lease/certificate/licences periodically to this office to ensure the validity of this consent.

5.19. The conditions in the Environmental clearance shall be complied.

5.20.All other statutory or necessary clearances from other concerned authorities shall be obtained before commencing any quarrying operations.

5.21.Minimum distance of 50m shall be maintained from boundary of quarrying area to residential building, places of worships, public buildings, public roads, river, lake, railway lines and bridges. Reference:-

Page4

- 1) Mining & Geology letter No.: 4792/M3/2017 DATED 22.05.2017
- 2) Explosive license No: E/SC/KL/22/301(E11744) DATED:23.01.2014
- 3) Environmental Clearance No.: DEIAA/MAL/EC/029/2017 Dated:01.12.2017.

VINAYA K S Digitally signed by VINAYA K S Date: 2017.12.18 16:02:02 +05'30'

DATE :18/12/2017

SIGNATURE & SEAL OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER, DO, MALAPPURAM



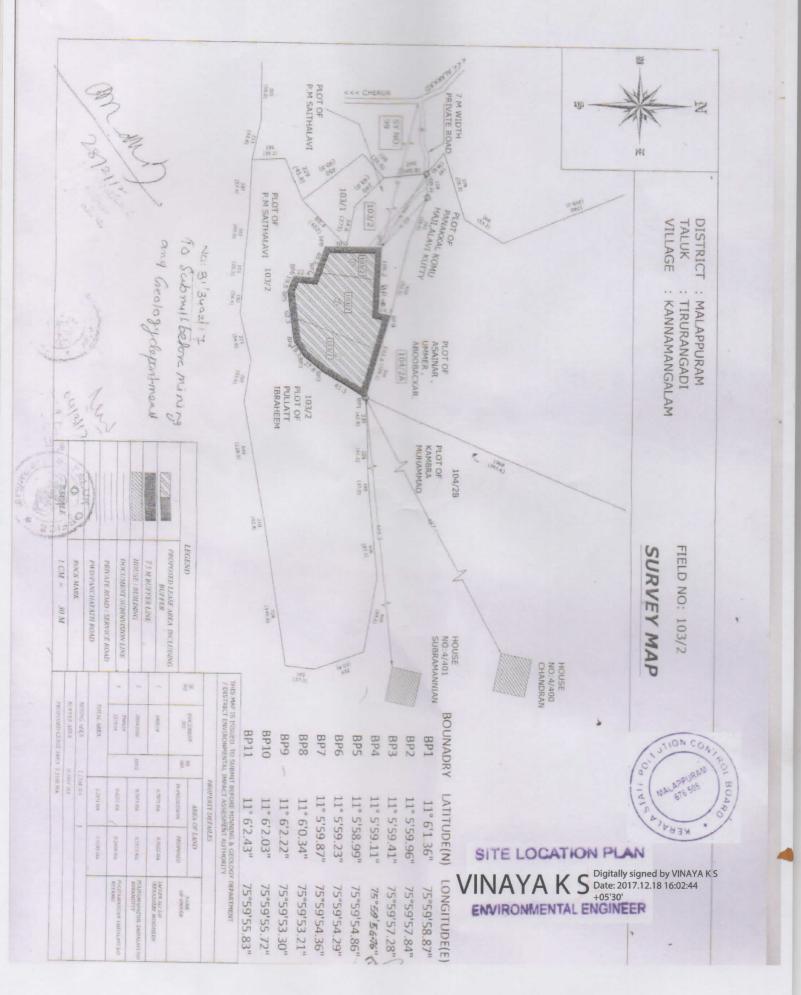
To

STOCK FILE

1. This digitally signed document is legally valid as per the Information Technology Act 2000

 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.

Page5



ANNEXURE 4 AFFIDAVIT FOR EC CONDITIONS



கே0ஹo केरल KERALA

BW 452719

In Kerala Stamp Paper with Notary Attested (Rs. 200)

AFFIDAVIT

I, Mr. V.Moideen, Managing Partner & Authorized signatory of V.K.M Stone Crusher having correspondence office at Cherur(p.o), Kannamangalam, Vengara, Malappuram district, Kerala, do hereby affirm and confirm as follows:-

1. That, my quarry project is situated at survey No 103/2 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala, 676508.

V. Mordoers Ummerkutty. Aalappuram. Dist Kerala Reg.No: 6354 17560 ດາພາທ t 10-18 11-തീയ 171) 1710 100 の ດເງິດ 8 OCT 20 -URANG Roll No: K/66 18 () UMM Г OTdr Advocate. (0) (06 COM SUC of India, Reg. No: 0364 1 L NOTARY, M N. Marala ala 2.C. Manjeri, Malapiniram, B. 1. Radh എ.കെ. രാധാമണി 1.50

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கேலில் केरल KERALA

2. That, all the conditions stipulated in the Environment Clearance would be 452718scrupulously followed.

DEPONENT V.modeen

Verification:

Verified that my above statements are true to the best of my knowledge and belief and no material has been concealed therein.

NOTARIAL REGISTER DEPONENT Vol No. VI Page NH 60 SI No. 12.10 Date 11.10-2+12 Solemny Formed and Place: Malappuram Date: 1/10/2018 nere l LIK 2018 17559 11-10-18 ് തിത 25 100/2 MERK nilo No: DOB-BOND ma. 007 നിരംരം URAM 120 MAL V. maraia. alle 1) 18. 6 Magier Rad എ.കെ. രാധാമണി is

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ANNEXURE 5 EC ADVERTISEMENTS IN NEWS PAPER

NOTICE

This is inform to General Public that, the proposed Quarry Project at Survey No. 103/2 of Sri. V. Moideen at Kannmangalam Village, Thirurangadi Taluk, Malappuram District, Kerala is accorded with Environmenral Clearance by District Environment Impact Assesement Authority. Malappuram vide Order No. DEIAA/MAL/EC/029/ 2017, dated 01.12.2017 and the copy of the Environmental Clearance is available with the Office of District **Environment Impact Assesement** Authority (DEIAA), Malappuram and may also be seen on the website of the Authority.

Indian American woman to head US nu

Trump has roped in a top Indian

American nuclear expert for a key adminitsrative position in the

department of energy. Trump has announced his intent to nominate Rita Baranwal to be an assistant secretary of energy (nuclear energy) at the Department of Energy.

Baranwal currently serves as the Director of the Gateway for Accelerated Innovation in Nuclear (GAIN)initiative.

As Assistant Secretary of Energy, if confirmed by the Senate, Baranwal will be heading the powerful Office of Nuclear Energy. She would also be responsible for department's the nuclear technology research and the development and management of the department's nuclear technology infratsructure.

Previously, she served as Director of Technology Development & Application at Westinghouse and

Days after signing a new legislation to speed up the was a manager in Materials Technology at Bechtel Bettis, development of advanced reactors, President Donald where she led research and development in nuclear fuel



Facebook, responding to lawsuit, says sext rafficking banned on site

The social network said that it works internally and externally to thwart such predators. Facebook said in response to a lawsuit accusing it of not doing enough to protect users from humant r-a-ffickers that it works

internally and externally to thwart such predators. "Humant r-a-fficking is abhorrent and is not allowed on Facebook. We use technology to thwart this kind of abuse and we encourage people to use the reporting links found across our site so that our team of experts can review the content swiftly," a spokeswoman for Facebook said in a written statement.

A Texas woman, identified in court documents as Jane Doe, sued Facebook in Harris Coutny Ditsrict Court in Houston this week, claiming that she was lured into the sext r-a-de at age 15 by a man who "friended" her and that Facebook did not do enough to verify the user's identity or warn her that sext r-a-ffickers were lurking on the platform.

"Facebook also works closely with antit-r-a-fficking organizations and other technology companies, and we report all apparent instances of child sexual exploitation to NCMEC (the National Center for Missing and Exploited Children)," the company's spokeswoman said. Jane Doe claimed in the lawsuit that she was fooled by the

sext r-a-flicker who messaged her on Facebook in 2012 because he appeared to know several of her real-life friends. She said she agreed to meet him when he offered to console her after a fight with her mother, but instead, he beat and raped her, then posted her picture on the now-shuttered classified ads website Backpage.com to be prostituted. ANTI-TRAFFICKING LAW

Backpage.com was shut down in April by federal authorities after a Justice Department investigation into allegations that the website was used primarily to sell sex.



Backpage.com and several of its former employees, including two of its founders, were also named as defendants in Jane Doe's lawsuit. Attorneys for Backpage

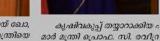
com and the former employees have not replied to requests

from Reuters for comment. The lawsuit came months after the US Congress passed the bipartisan antit-r-a-fficking bills called Stop Enabling Sex Traffickers Act and Fight Online Sex Trafficking Act, collectively known as SESTA-FOSTA. The legislation is

aimed at making it easier to prosecute owners and operators of websites that facilitate sext r-a-fficking SESTA-FOSTA was signed into law by President Donald Trump in April, days after seven Backpage.com executives were indicted in federal court on prostitution and money

laundering charges. The legislation includes a statute meant to close a loophole in the "safe harbour" provisions of the Communications Decency Act that protected internet service providers from liability over content posted by its users





ചെണ്നെയിലെ സിംഗപ്പൂർ കോൺസൽ ജനറൽ റോയ് ഖോ, വൈസ് കോൺസൽ ഇവാൻ ടാൻ എന്നിവർ മുഖ്യമന്ത്രിയെ സന്ദർശിക്കുന്നു.

തിരുവനന്തപുരം : കശു

വണ്ടി ബോർഡിൽ നിലനിൽ

ക്കുന്ന വിവിധ പ്രശ്നങ്ങൾക്ക്

പരിഹാരം കാണുന്നതിനും ക

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നോട്ടീസ്

പൊതുജനശ്രദ്ധയ്ക്കായി,

കേരള സംസ്ഥാനം, മലപ്പുറം ജില്ല, തിരൂരങ്ങാടി താലൂക്ക്, കണ്ണമംഗലം വില്ലേ ജിൽ പ്പെട്ട സർവ്വേ നമ്പർ 103/2 - ൽ പാറ ഖനനം ചെയ്യുന്നതിനു വേണ്ട പരിസ്ഥികാനുമ തി ശ്രീ. വി. മൊയ്ദീന് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്മെന്റ് അതോറി റ്റിയിൽ നിന്നും DEIAA/MAL/EC/029/2017 തീയതി 01.12.2017 ഓർഡർ പ്രകാരം ലഭിച്ചിക്കുന്നു.

ഈ ഓർഡറിന്റെ പകർപ്പ് മലപ്പുറം ജില്ലാ കളക്ടറുടെ കീഴിലുള്ള പരിസ്ഥിതി ഇംപാക്ട് അസ്ലസ്മെന്റ് അതോറിറ്റിയുടെ എന്ന വെബ് സൈറ്റിൽ നിന്നും ലഭ്യമാണ്.

ഉത്തരേന്ത്വ വീണ്ടും കുലുങ്ങി, പ്രഭവ കേന്ദ്രം ഡെറാഡൂൺ

ന്യൂഡൽഹി: ഉത്തരേന്ത്യയെ പിടിച്ചു കുലുക്കി വീണ്ടും ഭൂചലനം. ഉത്തരാഖണ്ഡിനെയും ഹിമാചൽ പ്രദേശിനെയും രാജ്യതലസ്ഥാനത്തെയും കുലുക്കിയ ചലനം ബുധനാഴ്ച വൈകിട്ട് 8.45നാണ് അനുഭവപ്പെട്ടത്. ഡെറാഡൂണിനു 121 കി ലോമീറ്റർ കിഴക്കാണ് ചലനത്തിൻറെ പ്രഭവകേന്ദ്രം. ആളപാ യം ഇത്തവരെ റിപ്പോർട്ട് ചെയ്യപ്പെട്ടിട്ടില്ല. യൂറോപ്യൻമെഡിറ്റ റേനിയൻ സീസ്മോളജിക്കൽ സെൻററിൻറെ റിക്ടർ സ്കെയി ലിൽ ചലനം 5.5 തീവ്രത രേഖപ്പെടുത്തി. രാജ്യത്തിൻറെ മറ്റു ഭാഗങ്ങളിലും ചലനം അനുഭവപ്പെട്ടതായി റിപ്പോർട്ടുണ്ട്.

ഇതിന് പരിഹാരമായി പൊതുമേഖലയ്ക്കൊപ്പം സ്വ കാര്യ ഫാക്ടറി ഉടമകൾക്കും ന്യായമായ വിലയ്ക്ക് ഇടനി ലക്കാരില്ലാതെ ബോർഡ് നേ രിട്ടു വിദേശ സർക്കാരുകളിൽ നിന്ന് വാങ്ങി നൽകുന്നതിനാ ണ് ലക്ഷ്യമിടുന്നത്. കൂടാതെ പ്രാദേശിക ഫാക്ടറി ഉടമകൾ അവർക്കു വേണ്ട് കശുവണ്ടി യുടെ ആവശ്യമനുസരിച്ച് ഒ രു തുക അഡ്വാൻസായി നൽ കേണ്ടതായും വരും.

പ്രവർത്തനക്ഷമമല്ലാത്ത അറുപതോളം ഫാക്ടറികൾക്ക് പ്രത്യേകം പാക്കേജ് രൂപീക രിച്ച് നിലവിലുളള ലോണിന് മോറട്ടോറിയം പ്രഖ്യാപിച്ച് പു തിയ പ്രവർത്തനമുലധനം നൽകുന്നതിനും നടപടികൾ സ്ഥികരിക്കാൻ ആവശ്യപ്പെട്ടി

പ്പ് മന്ത്രി ഡോ. റ്റി.എം. തോമ സ് ഐസക്, ഫിഷറീസ് ഹാർ ബർ എൻജിനീയറിംഗ്, കശു വണ്ടി വ്യവസായ വകുപ്പ് മ ന്ത്രി ജെ. മെഴ്സിക്കുട്ടി അമ്മ, ചീഫ് സെക്രട്ടറി കെ.എം. എ ബ്രഹാം എന്നിവർ പങ്കെടുത്ത ബാങ്കുകളുടെ സംയുക്ത യോ ഗത്തിലാണ് ധാരണയായത്.

ലഭ്വമാക്കാൻ ബാങ്കുകൾ

കാഷ്യു ബോർഡിന് പ്രവ

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ANNEXURE 6 CORPORATE SOCIAL RESPONSIBILITY

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	(ഒ	കാളപ്പുറം, P.O. അബ്ദൂറഹിമാൻ നഗർ)
	(ചെ ത്രമർ 182	കാളപ്പുറം, P.O. അബ്ദൂറഹിമാൻ നഗർ) _{തിയയി} <u>16- ഉ-(</u> ഉ
with the second second and the second and the second secon	(റെ ത്രമം 182 കൊളപ്പുറം സമ	കാളപ്പൂറം, P.O. അബ്ദൂറഹിമാൻ നഗർ) ^{തിയ്യതി} <u>14- 9-1</u> 8 ഉത്ത് സംഭശിയും കൊളപ്പുറം ഗവംഹൈസ്ക്കൂൾ വിദ്യാർത്ഥിനിയുമായ
	6 م) شمسة 182 معدوميارية ست	കാളപ്പൂറം, P.O. അബ്ദുറഹിമാൻ നഗർ) ^{തിയ്യതി} <u> ഗ് ഉ - (</u> ഉ ഉത്ത് സംഭേശിയും കൊളപ്പുറം ഗവഹൈസ്ക്കൂൾ വിദ്യാർത്ഥിനിയുമായ
	6 م) شمسة 182 معدوميارية ست	കാളപ്പുറം, P.O. അബ്ദുറഹിമാൻ നഗർ) തിയ്യതി 16- 2-18 ഉത്ത് സദേശിയും കൊളപ്പുറം ഗവംഹൈസ്ക്കൂൾ വിദ്യാർത്ഥിനിയുമായ ലയയുടെ ചികിത്സ സഹായ ഹണ്ടിലേക്ക് സ്.2-സ സെറ്റ് - സംസ്തായ
	6 م) شمسة 182 معدوميارية ست	കാളപ്പുറം, P.O. അബ്ദുറഹിമാൻ നഗർ) ^{തിയ്യതി} 14- 2-18 ഉത്ത് സദേശിയും കൊളപ്പുറം ഗവഹൈസ്ക്കൂൾ വിദ്യാർത്ഥിനിയുമായ ലയയുടെ ചികിത്സ സഹായ ഹണ്ടിലേക്ക് സ്.പ്.സ സെട്ടിം-സ്. സ്തായ് മുപ കിട്ടിബോധിച്ചു.
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r	ചി പടനിലം പി	6 വ്യവിന്റ് കിത്സാ സം കെ കുന്നും 94479297	നായ കമ	Dol	Y
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