

**COMPLIANCE REPORT
TO THE CONDITIONS
OF
ENVIRONMENTAL CLEARANCE**

(Order No. 57/SEIAA/KL/7585/2012 Dt. 15-03-2013)

**FOR QUARRY PROJECT AT
MARADY VILLAGE, MARADY PANCHAYATH,
MUVATTUPUZHA TALUK,
ERNAKULAM DISTRICT, KERALA**

By

***M/s St. GEORGE GRANITES
Palachmarattom, Kinginimattom P.O. ,
Kolenchery, Kerala – 682311***

(July, 2014)

INTRODUCTION

M/s St.George Granites is a stone quarry situated at Survey Nos. **1094/1-A,1094/1-A1, 1094/1-A6,1097/7-A,1097/6-B2,1101/3,1097/7-B,1097/6-A2,1094/1-A27,1097/6-B3 ,1097/7C2** at Marady Village, Marady Panchayath, Muvattupuzha Taluk, Ernakulum District, Kerala. The quarry project was accorded with environmental clearance by State Environmental Impact Assessment Authority. The compliance report to the specific conditions and general conditions of the environmental clearance for the period of 15 July 2013 to 14 January 2014 is being submitted here with.

PART - A – SPECIFIC CONDITIONS

➤ Condition 1)

The storm water should be channelized to a pit that has to be retained in the central area of the proposed mine.

Compliance

Storm water from entire project area is channelized in to abandon excavated pit (pond) and hence the storm water is stored. During this process of storage all the Debris/ silt in the storm water are settled in to the bottom of the pit. Overflow from the pond is channelized in to Garland drains which entering to the main stream. In addition to this temporary canals are formed during the rainy season on the project area so that the water easily flows through and reaches the pond. The photograph showing the rain water collection pond in the project area is attached at Annexure No. 1.

➤ Condition 2)

Indigenous varieties of horticultural crops having edible fruits should also be cultivated as part of eco-restoration

Compliance

As a part of Eco-restoration we tried our best to keep our project area enriched with edible fruits bearing trees which has a significant role in providing natural vegetation. Indigenous varieties of crops such as Jackfruit tree, Papaya tree, Mango tree, Guava tree, Bell fruit tree. Banana tree, etc are planted on the project area. All preventive measures are being taken to preserve the plants on their growing period. The photographs showing the plantation of local fruit trees carried out at site is attached at Annexure No. 2.

PART - B – GENERAL CONDITIONS

➤ □Condition 1)

Rain water harvesting to collect and utilize the entire water falling in land area should be provided.

Compliance

Rainwater harvesting system is smoothly implemented in the project area. An excavated pit can store large volumes of rain water. Entire water falling in the project area was channelized in to these excavated pits. Rain water is mainly used for irrigation purposes and agricultural needs. Water is effectively utilized for the functioning of sprinkler system in the project area. Moreover water is used systematically for aqua culture farming. The photograph showing the rain water collection pond in the project area is attached at Annexure No. 1, Annexure No.A1

➤ Condition 2)

Environment monitoring cell as agreed under the affidavit filed by the proponent should be formed and made functional

Compliance

An environmental monitoring cell was formed with Mr. Kuriakose I Mathai (proprietor of St. George Granites as head of the monitoring cell and made functional. The name of the members as follows.

SL NO.	NAME	POST
1	Kuriakose I Mathai	Head of monitoring cell(proprietor)
2	Antu Kuriakose	Head in charge(Environmental)
3	Thomas KJ	Senior Environmental Officer
4	Eljo George	Name of the Asst. officer of Environment, Health and safety at site

5	M/s Environmental Engineers & Consultants Pvt. Ltd. A1-198, Janak Puri, New Delhi	Name of the Environmental consultant
6	Poluchem Laboratory Pvt. Ltd. Pallath Building, North Kalamassery, Ernakulam, Kerala	Address of Environmental Laboratory

➤ Condition 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.

Compliance

Our project area is planted with shrubs and trees on the sides of the tarred roads and open parking areas which provides natural vegetation.

SL NO.	COMMON NAME	SCIENTIFIC NAME	FAMILY
1	Banana tree	<i>Musa acuminata</i>	<u>Musaceae</u>
2	Bell Fruit tree	<i>Syzygium samarangense</i>	<u>Myrtaceae</u>
3	Papaya tree	<i>Carica papaya</i>	<u>Caricaceae</u>
4	Jackfruit tree	<i>Artocarpus heterophyllus</i>	<u>Moraceae</u>
5	Guava tree	<i>Psidium guajava</i>	<u>Myrtaceae</u>
6	Mango tree	<i>Mangifera</i>	<u>Anacardiaceous</u>

The photographs showing the plantation of local fruit trees carried out at site is attached at Annexure No. 2.

➤ **Condition 4)**

The project shall incorporate devices for solar energy generation and utilization wherever possible.

Compliance

Solar energy devices will be installed in the project area shortly.

➤ **Condition 5)**

Sprinklers shall be installed and used in the project site to contain dust emissions

Compliance

Fixed water sprinkling system is installed which enables the smooth functioning on the road side and on the project area. The photographs showing the sprinkler system installed in the project site is attached at Annexure No. 3.

➤ **Condition 6)**

The eco-restoration plan submitted with the proposal should be fully implemented

Compliance

After the closure of mine, the remaining portion will be suitably planted with green belt and indigenous plant species. The remaining void at lower levels of excavated pit. The reclaimed area will be left as water storage and used for irrigation and agricultural purposes. The photographs showing the plantation of local fruit trees carried out at site is attached at Annexure No. 2.

➤ **Condition 7)**

Corporate social responsibility agreed upon by the proponent should be implemented

Compliance

Our project actively indulged in local developmental and other social needs promotional activities. It is proposed to spend Rs 1.5 Lakhs/Annum for certain welfare activities. The documentary evidence showing the Corporate Social Responsibility expenditure incurred in the financial year 2013 to 2014 is attached at Annexure No. 4.

➤ **Condition 8)**

Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that the falling of animals/human/belongings/dumping of garbage's etc. does not happen.

Compliance

Barbed metal wire fencing was successfully installed around the mining area at 5ft height. Fixed GI hand rails with 50 mm diameter top rail and 2 Numbers of Barbed metal wire horizontals, c/c fixed in cement concrete.

➤ **Condition 9)**

Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of explosive department.

Compliance

Warning alarms are installed in the project area and it is working smoothly and properly. The time is fixed and is between 6am and 6.00 pm. A danger board is also installed which gives information about the blast time. The photograph showing the danger area sign board is provided at Annexure No. 5.

➤ **Condition 10)**

Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials

Compliance

The road formation is over and waiting for the seasonal consolidation. Provided cement concrete hydraulic pressed high density interlocking tile for flooring the road. The dust emission which occurs during the transportation of the materials is periodically cleared by sprinkler system. The photograph showing the tarred access road to the quarry is provided at Annexure No. 6.

➤ **Condition 11)**

Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored

Compliance

The top soil and overburden is excavated from the quarry dumped in the old quarry and will be utilized in spreading over reclaimed areas for shrubs and trees plantation. The photographs showing the plantation of local fruit trees carried out at site is attached at Annexure No. 2.

➤ **Condition 12)**

Height of benches should not exceed 5m and width should not be less than 5m.

Compliance

The height of benches of the quarry project is of 5m and width of 5m.

➤ **Condition 13)**

Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.

Compliance

In our quarry, we are using mats to reduce the fly rock blast.

Condition 14)

Mining depth should not exceed beyond 40m, unless otherwise specified or not below the level of nearest stream bed whichever is less.

Compliance

Would be complied

Condition 15)

Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of greenbelt and hollow brick envelope for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.

Compliance

Acoustic enclosure is provided to reduce sound amplification. The crusher unit is surrounded by green belt. The hollow brick covering in the unit aid to maintain the noise level kept within the prescribed standards.

Condition 16)

Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.

Compliance

Assurance in the form of affidavit is being submitted to SEIAA Kerala that eco-restoration including the mine closure plan shall be done at our expenses. The copy of the affidavit submit is attached at Annexure No. 7.

Condition 17)

Garland drains to be provided in the lower slopes around the core area to channelize storm water.

Compliance

Rainwater harvesting system is smoothly implemented in the project area. An excavated pit can store large volumes of rain water. Entire water falling in the project area was channelized in to these excavated pits. Rain water is mainly used for irrigation purposes and agricultural needs. Water is effectively utilized for the functioning of sprinkler system in the project area. Moreover water is used systematically for aqua culture farming. The photograph showing the rain water collection pond in the project area is attached at Annexure No. 1.

Condition 18)

Debris/ slit traps to be provided to prevent entry of dust and quarry wastes entering the main streams.

Compliance

Storm water from entire project area is channelized in to abandon excavated pit and stored the storm water in it. During this storage all the Debris/slit in the storm water are sediment in to the bottom of the pit. Flooded water from the pit is released only from the top area and the opening is covered by steel mesh to trap floating waste. Sediment from the pit is removed and disposed twice in a year. Overflow from the storm water collected

pit is opened in to Garland drains which entering to the main stream. The photograph showing the rain water collection pond in the project area is attached at Annexure No. 1.

Condition 19)

All statutory clearances should have been obtained, as applicable, by the project proponents from the respective competent authorities including that for blasting and storage of explosives.

Compliance

All statutory approvals required for the quarrying activity is obtained for the project. The copy of the approvals obtained is provided at Annexure No. 8

Condition 20)

In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this authority

Compliance

Would be complied.

Condition 21)

The authority reserves the right to add additional safe guard 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.

Compliance

Would be complied.

Condition 22)

The stipulations by Statutory Authorities under different Acts and notifications should be complied with, including the provisions of Water (Prevention and control of pollution) Act, 1974, the Air (Prevention and control of pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.

Compliance

Would be Complied.

□ Condition 23)

The project proponent should advertise in at least two local newspapers widely circulated in the region. One of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Department of Environment and climate change, Govt. of Kerala and may also be seen on the website of the authority at www.seiaaKerala.org. The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the office of this authority as confirmation.

Compliance

Regarding the accordance of environmental clearance to the quarrying activity was advertised in two local newspapers and the copy of the same was submitted to SEIAA. The copy of newspaper advertisement is provided at Annexure No. 9.

□ Condition 24)

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 clearance letter shall also be put on the website of the company by the proponent.

Compliance

A copy of the environmental clearance letter was submitted to Marady Panchayat office. . There is no suggestion/representation received so far from anybody. The environmental clearance order is uploaded in the website of the company and it can be seen in the website:www.st.georgegranites.in. The copy of the acknowledgment received from the Panchayath Office is attached as Annexure No. 10.

□ Condition 25)

The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hand 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 can simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.

Compliance

Would be complied.

Condition 26)

The conditions of the 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 size of not less than 40.

Compliance

The specific conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed. The photograph showing the sign board containing specific conditions is provided at Annexure No. 11.

Condition 27)

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.

Compliance

An affidavit stating that all the conditions stipulated in the Environmental clearance will be scrupulously followed was submitted to Department of Environment and climate change. The copy of affidavit submitted at SEIAA is attached at Annexure No. 7.

Annexure No. 1



Photograph showing Garland drains with silt trap through the project area

Annexure No. 2









Photograph Showing Avenue trees planted and existing vegetation along the road sides and project area

Annexure No. A1



Photographs showing the rainwater harvesting system in the project area

Annexure No.3





**Photographs showing the Fixed Water sprinkling system installed on the
road sides and project area**

Annexure No. 4

SUKHADA CHARITABLE TRUST
 SUKHADA BALAGRAM
 KOLCHERY - 682 311, Phone : 0484-2701601

No. **1173** **CASH RECEIPT** Date **01.08/14**

To **Sponsorship donation**

Sl.No	Item	Rs	Pc
	Karimhose Malhar	5000	00
	Thoonchal		
	Kinganimattom	1	-
	Kolchery		
TOTAL		5000	00

Received in full **Five thousand only** *R. S. S.*

VIKALANGAR WELFARE SOCIETY
 KANGALMANGALAM RD., PARA, THOUPUZHA
 Reg. No. 1-75235

No. **1186** **DONATION RECEIPT** Date **26/11/14**

Received with thanks from **Ms. Sujana Gandhi** **Vikkimattam**
 the sum of the **five thousand only**

S. S. S.

363 THAMMANIMATTOM

No. **1186** **പഞ്ചക വാണിജ്യ സമിതി** Date **11-9-2014**

To **സംഗം കെ. ജി. കെ. (വ) കോമരം, 21, ലെവൽ 2008**

വിവരം	രൂ	സ
സംഗം കെ. ജി. കെ. (വ) കോമരം	8600	-
	8600	-

തുക **രൂ. 8600/-** **പറ്റി ബോധ്യം വന്നിരിക്കുന്നു**
S. S. S.

Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang
Chiodini

Receipt Number

No. 28	Date: 04/04/2012
Particulars	Amount
Summing Counter	1.000,00

Amount:
Cash
Autosole

Summing Counter registered in
Autosole (Autosole) - Registration No. 1171
Autosole, Italy

St. Paul, Thousand Oaks, CA 91320

1.000,00



Autosole Signature
Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang Chiodini
Autosole, Italy

Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang
Chiodini

Receipt Number

No. 29	Date: 04/04/2012
Particulars	Amount
Summing Counter	10.000,00

Amount:
Cash
Autosole

Summing Counter registered in
Autosole (Autosole) - Registration No. 1171
Autosole, Italy

St. Paul, Thousand Oaks, CA 91320

10.000,00



Autosole Signature
Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang Chiodini
Autosole, Italy

Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang
Chiodini

Receipt Number

No. 30	Date: 04/04/2012
Particulars	Amount
Summing Counter	10.000,00

Amount:
Cash
Autosole

Summing Counter registered in
Autosole (Autosole) - Registration No. 1171
Autosole, Italy

St. Paul, Thousand Oaks, CA 91320

10.000,00



Autosole Signature
Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang Chiodini
Autosole, Italy

Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang
Chiodini

Receipt Number

No. 31	Date: 04/04/2012
Particulars	Amount
Summing Counter	1.000,00

Amount:
Cash
Autosole

Summing Counter registered in
Autosole (Autosole) - Registration No. 1171
Autosole, Italy

St. Paul, Thousand Oaks, CA 91320

1.000,00



Autosole Signature
Autosole Bologna - 2011/12
Autosole Bologna Trust
Wolfgang Chiodini
Autosole, Italy

തൊണ്ണിടികൾ കമ്മ്യൂണിക്കേഷൻ
കമ്മ്യൂണിക്കേഷൻ

"എല്ലാ മനുഷ്യർക്കും ഭക്തിയും സഹായത്തിൽ നിന്നും സഹായം നൽകുന്നതിനായി..."

നമ്പർ: 384

പേര്: *Palakem Hon.*

അളവ്: *5000/-*

ST. PAUL'S MISSION OF INDIA
ATTENTION: KERALA, KERALA

St. PAUL'S MISSION CHURCH
Thalmar, Palam, Bihar

നമ്പർ: 1000

RECEIPT

പേര്: *Palakem Hon.*

അളവ്: *100/-*

ബാങ്ക് അക്കൗണ്ട് നമ്പർ: 217077 177077

നമ്പർ: 1502

പേര്: *St. George's*

മുൻപ്	0210	1000
ഇന്ന്	0210	1000

പുണ്യദേശം കമ്മ്യൂണിക്കേഷൻ സൊസൈറ്റി
കമ്മ്യൂണിക്കേഷൻ

നമ്പർ: 1148

RECEIPT

പേര്: *St. George's*

അളവ്: *3000/-*

കമ്മ്യൂണിക്കേഷൻ സൊസൈറ്റി

നമ്പർ: 277

RECEIPT

പേര്: *St. George's*

അളവ്: *5000/-*

SHARADHA WELFARE SOCIETY
SHARADHA WELFARE SOCIETY

നമ്പർ: 1125

RECEIPT

പേര്: *St. George's*

അളവ്: *5000/-*

Orthodox Christian Youth Movement of The East

നമ്പർ: 1000

RECEIPT

പേര്: *St. George's*

അളവ്: *2500*

Dr. AMBEDKAR FOUNDATION
Muzhikkulam, Pampay Colony, Moolamburathy-682 114.

നമ്പർ: 050

CASH RECEIPT

പേര്: *St. George's*

അളവ്: *1500/-*

ST. PETER'S AND ST. PAUL'S
SHARADHA WELFARE SOCIETY

നമ്പർ: 1000

RECEIPT

പേര്: *St. George's*

അളവ്: *5000/-*

CHRISTURAJA PRAYER CENTRE
SHARADHA WELFARE SOCIETY

നമ്പർ: 257

CASH RECEIPT

പേര്: *St. George's*

അളവ്: *1000/-*

കമ്മ്യൂണിറ്റി ഫണ്ടിംഗ്
COMMUNITY FUNDING
 No. 327
 To: Dr. Arjun Das
 No. 0001

FUNDATION WITH A DIFFERENCE
 No. 327
 Date: 2/1/20

Particulars	Rs.	Paise
Amount for		
Charity Subsidy		
Other Items		
Total		

ERNAKULAM DISTRICT CRUSHER OWNERS ASSOCIATION
 No. 244
 Date: 08/05/19
 To: Suburban 1, Noida
SECTORS CHAIRMAN, SECTOR 1, Noida
 From: Ernakulam District Crushers Owners Association
 Signature: [Signature]

FINE ARTS SOCIETY
 KOLLONCHERY, TEL. NO. 071 461 1 280
 No. 1118
 Date: 20/1/20
 To: Dr. Arjun Das
 From: [Signature]

കമ്മ്യൂണിറ്റി ഫണ്ടിംഗ്
 No. 1118
 To: Dr. Arjun Das
 From: [Signature]

SURIADA CHARITABLE TRUST
 KOLLONCHERY, TEL. NO. 071 461 2110
 No. 1124
 Date: 18/01/20
 To: Dr. Arjun Das
 From: [Signature]

Particulars / Remarks	Rs.	Paise
10000/-	10000	00
10000/-	10000	00
Total	20000	00



RECEIPT
 No. 1820
 Date: 18/01/20
 To: Dr. Arjun Das
 From: [Signature]

കമ്മ്യൂണിറ്റി ഫണ്ടിംഗ്
 No. 1820
 To: Dr. Arjun Das
 From: [Signature]

Particulars	Rs.	Paise
10000/-	10000	00
Total	10000	00



S. S. CHARITIES FOR MENTALLY & PHYSICALLY HANDICAPPED

Reg. No. 87/824/82
MOTHER CARE REHABILITATION CENTRE
 (Incorporated in Karnataka State)
 Social Organisation Registration No. 87/824/82
 Bangalore P. O. Bangalore Karnataka, P. I. 560 004
 Ph. 226-42343 (2 Lines) 226-17641 (2 Lines) Fax 226-42343

RECEIPT

Date: 04.04.18

Amount paid towards cash on: Mr. Kiran Kumar J. Mahal
1 Thevonic Dal House, Kalyaninayakanahalli, Malleshwara
East, Bangalore - 560004

Rs. 5000/-

For: S. S. Charities for Mentally & Physically Handicapped

Signature: _____ Date: _____

Stamp: _____

Corporate social responsibility

Annexure.5



Annexure No.6



Photographs showing tarred access road to the quarry.

Annexure No.7



കേരളം KERALA

AFFIDAVIT

X 340965

I, Kuriakose Mathai authorised signature of St. George Granites having its correspondence office at Palackamattom, Kinginimattom, PO, Kolenchery, Ernakulam District, Kerala-682311- Do hereby affirm and confirm as follows.

- 1). That The St George Granites, Proposed quarry project in Survey Nos. 1094/1-A, 1094/1-A1, 1094/1-A6, 1097/7-A, 1097/6-82, 1101/3, 1097/7-B, 1097/6-A2, 1094/1-427, 1097/6-83, 1097/7-C2 at Marady Village & Panchayath and Muwatuputha Taluk, Ernakulam District, Kerala.
- 2). That the EC proceedings number and date are 57/SEIAA/KL/7585/2012 dt.15-03-2013
- B). That all conditions stipulated in the environment Clearance would be scrupulously followed.



DEPONENT

Verification:

Verified that may above statements are true to the best of my knowledge and belief and nothing material has been cancelled therein.

No. 15/4/13
 Subd:
 MUVATUPUTHA VENDOR
 K.K. RAMACHANDRAN NAIR

[Signature]

15/4/13 *[Signature]*
 Kuriakose Mathai
 KUMARI JAYA N.
 ADVOCATE KERALA
 Reg.No. 106 / 57 / EKM
 KOLENCHERY - 682311
 KERALA - INDIA

Solemnly affirmed and signed before me by the Dependent/endorser at my office at Kolenchery on this the 15th day of April 2013.

15/4/2013
[Signature]
 157 initials

Annexure No.8

Page 1 of 1

LICENCE FORM LE-3

(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

Licence to possess : (r) for use, explosives of class 1, 3,3.4,5,6 or 7 in a magazine



Licence No. : E/SK/22/898(E41970)
Annual Fee Rs.2000/-

1. Licence is hereby granted to : **Shri Kuriakose L Mathai (Occupier : Kuriakose L Mathai)**
Ithunickal House, Kingimattom P.O., 682311, Kalescheri Taluk, District: Ernakulam (Kerala),
Town/Village - District-, State-, Pincode - 682311
2. Status of licensee : **Individual**
3. Licence is valid only for the following purpose : **possess for use of Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric 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	100 Kg.
2.	Safety Fuse	6, 1	0	3000 Mtrs
3.	Ordinary Detonator	6, 3	0	2500 Nos.
4.	Electric 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)) : **10 times as above.**

5. The licensed premises shall conform to the following drawing(s):
Drawing No : E/SK/22/898(E41970) dated : 19/11/2007.
6. The licensed premises are situated at following address:
Survey No(s). 1094/LA, Town/Village : **Maraudy Village, Mavattupuzha Taluk, District:**
Police Station : **Ramangalam** District : **ERNAKULAM** State : **Kerala**
Pin Code Phone : E-Mail Fax :
7. The licensed premises consist of following facilities : **A set of G(Sr.No.765) & G (Sr.No.766) type Portable Magazines (Mfd by m/s Nobel Engg&Fab.Unit,Cochin) & one no of D type magazine mfd by thakkans engg and fabrication works**
8. The licence is granted subject in 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 2009**

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: 19/11/2007

Sd/-
Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase List dated : 02/03/2011
- Amendment of Quantity of Explosives/Monthly Purchase List dated : 30/12/2011

Endorsement for renewal of licence

Date of Renewal	Date of Expiry	Signature of licensing authority
04/06/2014	31/03/2019	 Dy. Chief Controller of Explosives, Ernakulam കൂടെ ഉപ മുഖ്യ വിപ്ലോടക നിയന്ത്രിക For Deputy Chief Controller of Explosives രാമംഗലം / Ernakulam

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



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE II, GANDHI NAGAR, ERNAKULAM - 682 020
www.keralapcb.org

Phone : 0484 2207783 - 86
Fax : 0484 2207782
e-mail : ecee@keralapcb.org

File No.PCB/EKM/DO-EKM/IQR-90/R/09

Date: 19.12.2012

CONSENT TO OPERATE – RENEWAL

Consent No. PCB/EKM/DO2/ICO-QR-R2/14/2012

- Ref: 1 Your application dated 26.09.2012.
2. Consent No.PCB/DO-EKM/ICO-QR-91/R1/2010 dated 25.09.2010.
3. Consent Variation Order dated 24.01.2012.

The 'Consent to Operate' issued vide ref.2 and 3 to M/s.Quarry Owned by Kuriakose I Mathai, (Marady), Ithoonickal House, Kinginimattom P.O., Palackamattom, Kolenchery – 682 311 is hereby renewed up to 30.06.2015. The Consent condition is cited under ref.2 is attached herewith is part of this renewal order and this order is subject to the conditions stipulated therein with the following modifications/deletions/ additions.

Condition No.1.12:

Fee Remitted - Rs.48,420/- (Excess fee Rs.3,420/-)

Condition No.2.1:

This consent is granted subject to the power of the Board to review and make variation in all or any of the conditions and based on the affidavits submitted by the occupier in Rs. 100/- stamp paper dated 31.08.2011.

Condition No.2.8:

This consent, unless withdrawn earlier is valid upto 30.06.2015 or upto the validity of permit/lease issued by the Department of Mining and Geology which ever is earlier. In case the operation of the quarry is to be continued thereafter application for the renewal of the consent is to be made in the prescribed form in the third month before the date of expiry of the consent.



Condition No.4.6:

On expiry of the Mining Permit/Lease the same may be got renewed.

Condition No.4.7:

The applicant shall obtain necessary environmental clearance as directed by Hon'ble Supreme Court in I.A. No.12-13 of 2011 in SLP (C) No.19628-19629 of 2009.

Condition No.4.8:

This consent will be cancelled if any of the points stated in the affidavits submitted by the occupier in Rs.100/- stamp paper dated 31.08.2011 is found to be false.



For and on behalf of the
KERALA STATE POLLUTION CONTROL BOARD

DESIGNATION OF ISSUING AUTHORITY

BAIDU M.A.
Environmental Engineer

To

Sri. Kuriakose I Mathai
Proprietor
M/s.Quarry Owned by Kuriakose I Mathai
Ithoonickal House, Kinginimattom P.O.
Palackamattom, Kolenchery – 682 311

Copy to: 1. The Member Secretary, Head Office, Thiruvananthapuram
2. The Chief Environmental Engineer, Regional Office, Ernakulam
3. Stock File



നമ്പർ 15/2014-15

മിറാട്ടി

ഗ്രാമ പഞ്ചായത്ത്

1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതെ തുടർനിയമിച്ച ചട്ടങ്ങളും അനുസരിച്ചു കൊടുത്ത

ലൈസൻസ്

ലൈസൻസുമാർഗ്ഗരഹിത പേരും രജിസ്ട്രേഷനും	ശ്രീ. രാജ്യാഭജാസ് താമി മണാതി മുത്തുണിയിടുകൾ(പ), തിരുവിതാംകൂർ ഭദ്ര, ലത്തൂർ
എന്തൊരു കാര്യത്തിൽ ലൈസൻസ് അനുവദിച്ചു എന്ന്	കാരികുൾ ക്ലാരി നടത്തുന്നതിന്
കെട്ടിടത്തിന്റെ തനതു വാർഡു നമ്പരും	VIII / Servey No: 1094/1A, 1094/1A1 (New Ward VIII)
ലൈസൻസിന്റെ കാലാവധി	1-4-2014 to 31-03-2015
ലൈസൻസ് ഫീസ്	1500 രൂപ - രേഖ
	Renewal. Rt. no: 2637/28-02-2014



മിറാട്ടി

ഗ്രാമ പഞ്ചായത്ത്

തീയതി 01-04-2014.

M.N.MOHAN
Secretary
Marady Grama Panchayat,
Ph: 9446615260

No. L.Dis (C2)-5380/14

District Medical Office of Health,
Ernakulam, Dated 26.03.2014.

From

The District Medical Officer of Health,
Ernakulam .

To

The Secretary,
Marady Grama Panchayath.

Sir,

Sub: D & O Trade – Approval of site for Granite Quarring Unit in
PH point of view – reg.

Ref: 1. Application of Sri. Kuriakose I. Mathai dated 10.03.2014.
2. Inspection Report from the Technical Assistant Grade I.

The site in Survey No. 1094/1A1, 1094/1A of Marady Village in
Muvattupuzha Taluk for running Quarrying Unit by Sri. Kuriakose I. Mathai,
Ithoonikkal House, Kinginimattom, Kolenchery was inspected.

On public health point of view, there is no possibility for health hazards
due to the site proposed for Quarrying Unit and therefore there is no objection
to issue the licence for the above industry if the following conditions are
fulfilled. The copy of the site plan duly approved is herewith enclosed.

.....2

CONDITIONS:

1. Machineries should be installed as per plan approved and protective devices should be provided around the machineries.
2. First aid Kit with sufficient medicines should be kept in the unit.
3. Sanitary facilities should be arranged in the unit.
4. Safe and dependable source of drinking water should be ensured in the unit.
5. Resting room should be provided for workers.
6. Safety measures such as heavy gloves mask, work dress, Gum boot, Goggles etc. should be provided for workers and strictly used.
7. Periodical medical examination of workers should be done once in 6 months and certificates for the same should be kept in the unit.
8. Workers from other states should be screened for malaria whenever they return from their native state and every worker should be screened for malaria while there is fever.
9. A register for workers should be maintained in the unit.
10. Daily cleaning of the unit should be ensured and its premises should be kept clean and tidy.
11. Pucca arrangements should be made for proper reception, collection and sanitary management of wastes if any from the unit.
12. Dust containment system including sprinkling of water should be ensured in the unit.
13. NOC from Pollution control board, explosive department and mining & Geology.
14. No additional machineries should be installed without prior permission from authorities concerned.
15. This NOC will be withdrawn if any of the condition is violated.
16. A completion certificate should be obtained from this office before commissioning of the unit.

Yours faithfully,



**DISTRICT MEDICAL OFFICER OF HEALTH
ERNAKULAM.**

Copy to: S. Sriakose I. Mathai,
Thoonikkal House, Kinginimattom, Kolenchery

**POLUCHEM LABORATORIES (P) LTD.**

ANALYTICAL CHEMISTS, ETP CONSULTANTS & CHEMICAL ENGINEERS
PALLATH BUILDING, N. KALAMASSERY PO., ERNAKULAM - 683 104
PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref.No. PL/RT/DW/4152/2013

Date of Issue: 27/11/2013

Page 01 of 02

Name & address of customer

M/s. St.George Granites,Propriator
Kuriakose I Mathai,Ethoonickal(H),
Kinginimattom P.O, Kolenchery

Project Site

M/s. St.George Granites,Propriator
Kuriakose I Mathai,Ethoonickal(H),
Kinginimattom P.O, Kolenchery
Survey No.1094/1A,1094/1A1,1094/1A6,1097/7A,1097/6B2,
1101/3,1097/7B,1097/6A2,1094/1A27,1097/6B3,1097/7C2
Maradi Village, Maradi, Panchayath, Muvattupuzha Taluk,
Ernakulam District, Kerala.

Sample description

: Drinking water

Location of sampling

: Borewell water

Date of sample collected

: 22/11/2013

Date of analysis started

: 22/11/2013

Date of completion of analysis

: 27/11/2013

Parameters tested	Test method	Results	Acceptable limit As Per IS 10500-2012
Color	IS 3025 (P) 04 - 1983	3 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	6.72	6.5 - 8.5
Total Dissolved Solids	IS 3025 (P) 15 - 1984	151 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 - 1983	72.31 mg/l	200 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 - 1986	45 mg/l	200 mg/l
Residual Free Chlorine	IS 3025 (P) 26 - 1986	BDL	Min 0.2 mg/l
Chloride as Cl	IS 3025 (P) 32 - 1988	16.33 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 - 1991	8.33 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 - 1994	5.44 mg/l	30 mg/l
Iron as Fe	IS 3025 (P) 53 - 2003	BDL	0.3 mg/l
Sulphate as SO ₄	IS 3025 (P) 31 - 1988	20.8 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 - 2008	BDL	1 mg/l

Note: BDL - Below Detection Level

For Poluchem Laboratories (P) Ltd.

Quality Manager
Poluchem Laboratories (P) Ltd.

Authorized Signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilizers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

**POLUCHEM LABORATORIES (P) LTD.**

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PHONE: 0484 - 3261174, 2544030. E-mail: poluchem@gmail.com

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Page 02 of 02

Continuation of Test Certificate No: 4152/2013

Parameters tested	Test method	Results	Acceptable limit As Per IS 10500-2012
Selenium as Se	APHA 3111B	BDL	0.01 mg/l
Arsenic as As	APHA 3111B	BDL	0.01 mg/l
Copper as Cu	APHA 3111B	BDL	0.05 mg/l
Manganese as Mn	APHA 3111B	BDL	0.1 mg/l
Cadmium as Cd	APHA 3111B	BDL	0.003 mg/l
Chromium as Cr	APHA 3111B	BDL	0.05 mg/l
Zinc as Zn	APHA 3111B	BDL	5 mg/l
Mercury as Hg	APHA 3111B	BDL	0.001 mg/l
Cyanide as CN	APHA 4500 E	BDL	0.05 mg/l
Lead as Pb	APHA 3111 B	BDL	0.01 mg/l
Aluminum as Al	APHA3500 D	BDL	0.03 mg/l
Boron as B	APHA 4500 B	BDL	0.5 mg/l

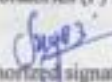
Note: BDL - Below Detection Level

MICROBIOLOGICAL TESTS

Parameters	Unit	Results	Acceptable Limit As per IS - 10500-2012
Coliforms/100ml	Index/100ml	Present	Shall not detectable in any 100 ml sample
E coli	Index/100ml	Absent	Shall not detectable in any 100 ml sample

For PoluChem Laboratories (P) Ltd.

SREEJA RAMESH
Quality Manager
PoluChem Laboratories (P) Ltd


Authorized signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

**POLUCHEM LABORATORIES (P) LTD.**ANALYTICAL CHEMISTS, ETP CONSULTANTS & CHEMICAL ENGINEERS
PALLATH BUILDING, N. KALAMASSERY PO., ERNAKULAM - 683 104
PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com**'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD****TEST REPORT**

Page 01 of 02

Ref.No. PL/RT/DW/4152/2013

Date of issue: 27/11/2013

Name & address of customer

: M/s. St.George Granites, Proprietor
Kuriakose I Mathai, Ethoomickal(H),
Kinginimattom P.O, Kolenchery

Project Site

: M/s. St.George Granites, Proprietor
Kuriakose I Mathai, Ethoomickal(H),
Kinginimattom P.O, Kolenchery
Survey No. 1094/1A, 1094/1A1, 1094/1A6, 1097/7A, 1097/6B2,
1101/3, 1097/7B, 1097/6A2, 1094/1A27, 1097/6B3, 1097/7C2
Maradi Village, Maradi, Panchayath, Muvattupuzha Taluk,
Ernakulam District, Kerala.

Sample description

: Drinking water

Location of sampling

: Borewell water

Date of sample collected

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Parameters tested	Test method	Results	Acceptable limit As Per IS 10500-2012
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Residual Free Chlorine	IS 3025 (P) 26 - 1986	BDL	Min 0.2 mg/l
Chloride as Cl	IS 3025 (P) 32 - 1988	16.33 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 - 1991	8.33 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 - 1994	5.44 mg/l	30 mg/l
Iron as Fe	IS 3025 (P) 53 - 2003	BDL	0.3 mg/l
Sulphate as SO ₄	IS 3025 (P) 31 - 1988	20.8 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 - 2008	BDL	1 mg/l

Note: BDL - Below Detection Level

For Poluchem Laboratories (P) Ltd.

SHEEJA RAJESH
Quality Manager
Poluchem Laboratories (P) Ltd.

Authorized signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

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'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD

Page 02 of 02

Continuation of Test Certificate No: 4152/2013

Parameters tested	Test method	Results	Acceptable limit As Per IS 10500-2012
Selenium as Se	APHA 3111B	BDL	0.01 mg/l
Arsenic as As	APHA 3111B	BDL	0.01 mg/l
Copper as Cu	APHA 3111B	BDL	0.05 mg/l
Manganese as Mn	APHA 3111B	BDL	0.1 mg/l
Cadmium as Cd	APHA 3111B	BDL	0.003 mg/l
Chromium as Cr	APHA 3111B	BDL	0.05 mg/l
Zinc as Zn	APHA 3111B	BDL	5 mg/l
Mercury as Hg	APHA 3111B	BDL	0.001 mg/l
Cyanide as CN	APHA 4500 E	BDL	0.05 mg/l
Lead as Pb	APHA 3111 B	BDL	0.01 mg/l
Aluminum as Al	APHA 3500 D	BDL	0.03 mg/l
Boron as B	APHA 4500 B	BDL	0.5 mg/l

Note: BDL - Below Detection Level

MICROBIOLOGICAL TESTS

Parameters	Unit	Results	Acceptable Limit As per IS - 10500-2012
Coliforms/100ml	Index/100ml	Present	Shall not detectable in any 100 ml sample
E coli	Index/100ml	Absent	Shall not detectable in any 100 ml sample

For PoluChem Laboratories (P) Ltd.

SHREJA DASRAN
Quality Manager
PoluChem Laboratories (P) Ltd.

Authorized Signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

**POLUCHEM LABORATORIES (P) LTD.**

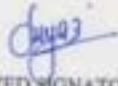
ANALYTICAL CHEMISTS, ETP CONSULTANTS & CHEMICAL ENGINEERS
FALLATH BUILDING, N. KALAMASSERY P.O., ERNAKULAM - 683 104
PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD

TEST REPORT

Client Name & Address	Certificate No:	PLEW/RT/4150/2013
M/s. St. George Granites, Proprietor Kuriakose Mathai, Ethoonickal(H), Kinginimattom P.O., Kolenchery	Date of issue:	27/11/2013
	Date of monitoring	21/11/2013 12.30 Hrs to 22/11/2013 12.30 Hrs
	Date of sample received:	23/11/2013
	Date of analysis	24/11/2013
	Monitoring Location	M/s. St. George Granites, Proprietor Kuriakose Mathai, Ethoonickal(H), Kinginimattom P.O., Kolenchery Survey No. 1094/1A, 1094/1A1, 1094/1A6, 1097/ 7A, 1097/6B2, 1101/3, 1097/7B, 1097/6A2, 1094/ 1A27, 1097/6B3, 1097/7C2 Maradi Village, Maradi, Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala.
	Sample description	Ambient air - Near east side boundary
Sample code given by client	Nil	

SL NO	PARAMETERS	TEST METHOD	RESULTS	LIMITS
01	Particulate Matter (PM ₁₀)	IS 5182 Part 4 1999	47.9 µg/M ³	100 µg/M ³
02	Particulate Matter (PM _{2.5})	CPCB	23.3 µg/M ³	60 µg/M ³
03	Sulphur dioxide	IS 5182 Part 2 2001	2.8 µg/M ³	80 µg/M ³
04	Nitrogen dioxide	IS 5182 Part 06 1975	3.5 µg/M ³	80 µg/M ³

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.  AUTHORIZED SIGNATORY
---	---

SHREYA KAMATH
Quality Manager
Poluchem Laboratories (P) Ltd.

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

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PHONE: 0484 - 325174, 2544030, E-mail: poluchem@gmail.com**'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD****TEST REPORT**

Client Name & Address	Certificate No:	PL/SD/RT/4151/2013
M/s. St.George Granites, Proprietor Kuriakose I Mathai, Ethoonickal(H), Kinginimattom P.O., Kolenchery.	Date of issue:	27/11/2013
	Date of monitoring	21/11/2013 12.30 Hrs to 22/11/2013 12.30 Hrs
	Monitoring Location	M/s. St.George Granites, Proprietor Kuriakose I Mathai, Ethoonickal(H), Kinginimattom P.O., Kolenchery. Survey No. 1094/1A, 1094/1A1, 1094/1A6, 1097/7A, 1097/6B2, 1101/3, 1097/7B, 1097/6A2, 1094/1A27, 1097/6B3, 1097/7C2. Maradi Village, Maradi, Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala.
Sample Description	Ambient Sound Level (Leq)	

Monitoring Location	Time	Results
Near east side boundary	12.30 Hrs	46.8 dB (A)
	13.30 Hrs	46.3 dB (A)
	14.30 Hrs	45.7 dB (A)
	15.30 Hrs	45.0 dB (A)
	16.30 Hrs	44.8 dB (A)
	17.30 Hrs	44.6 dB (A)
	18.30 Hrs	44.9 dB (A)
	19.30 Hrs	43.2 dB (A)
	20.30 Hrs	42.6 dB (A)
	21.30 Hrs	40.9 dB (A)
	22.30 Hrs	39.8 dB (A)
	23.30 Hrs	39.7 dB (A)
	00.30 Hrs	38.9 dB (A)
	01.30 Hrs	37.6 dB (A)
	02.30 Hrs	37.1 dB (A)
	03.30 Hrs	36.6 dB (A)
	04.30 Hrs	35.8 dB (A)
	05.30 Hrs	35.7 dB (A)
	06.30 Hrs	37.8 dB (A)
	07.30 Hrs	39.3 dB (A)
08.30 Hrs	40.4 dB (A)	
09.30 Hrs	42.1 dB (A)	
10.30 Hrs	43.8 dB (A)	
11.30 Hrs	44.6 dB (A)	
Leq (Day time)		43.6 dB (A)
Leq (Night time)		36.6 dB (A)

For Poluchem Laboratories (P) Ltd.

SREEDIA NAMBATH
Quality Manager
Poluchem Laboratories (P) Ltd.

Authorised Signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil, Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

**POLUCHEM LABORATORIES (P) LTD.**

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'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD

TEST REPORT

Client Name & Address	Certificate No:	PL/SD/RT/4151/2013
M/s. St.George Granites, Proprietor Kuriakose I Mathai, Ethoonickal(H), Kinginimattom P.O., Kolenchery.	Date of issue:	27/11/2013
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	16.30 Hrs	44.8 dB (A)
	17.30 Hrs	44.6 dB (A)
	18.30 Hrs	44.9 dB (A)
	19.30 Hrs	43.2 dB (A)
	20.30 Hrs	42.6 dB (A)
	21.30 Hrs	40.9 dB (A)
	22.30 Hrs	39.8 dB (A)
	23.30 Hrs	39.7 dB (A)
	00.30 Hrs	38.9 dB (A)
	01.30 Hrs	37.6 dB (A)
	02.30 Hrs	37.1 dB (A)
	03.30 Hrs	36.6 dB (A)
	04.30 Hrs	35.8 dB (A)
	05.30 Hrs	35.7 dB (A)
	06.30 Hrs	37.8 dB (A)
	07.30 Hrs	39.3 dB (A)
08.30 Hrs	40.4 dB (A)	
09.30 Hrs	42.1 dB (A)	
10.30 Hrs	43.8 dB (A)	
11.30 Hrs	44.6 dB (A)	
Leq (Day time)		43.6 dB (A)
Leq (Night time)		36.6 dB (A)

For PoluChem Laboratories (P) Ltd.

Authorized Signatory

SHREYA RAJENDRAN
Quality Manager
PoluChem Laboratories (P) Ltd.

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology



खान अधिनियम 1952
THE MINES ACT 1952

प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र वास्तुतः खान के प्रबंधक हेतु
MANAGER'S FIRST CLASS CERTIFICATE OF COMPETENCY TO MANAGE A METALLIFEROUS MINE
(वास्तुतः खान विनियम, 1961 के अन्तर्गत)
(Under the Metalliferous Mines Regulations 1961)

पी. पंडियन

दिनांक: अगस्त 27-11-1962 ई. त्रिपुरार 18 के अन्तर्गत अनुसूचित खान अधिनियमों में विनियोजित काल के अंतर्गत वर्ष 1962-1967 की वार्षिक विहित परीक्षा में उत्तीर्ण होने पर वास्तुतः वास्तुतः खान के प्रबंधक हेतु प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है।
प्रमाण-पत्र 09-06-1998 से प्रभावी समझा जाएगा।

पी. पंडियन

Issued on 27th November, 1962 possessing a Diploma in Mining Engineering approved under Regulation 18 and having passed the prescribed examination held on 27th November, 1962, is hereby granted MANAGER'S FIRST CLASS CERTIFICATE OF COMPETENCY to manage a metalliferous mine. This Certificate is effective from 09-06-1998



सदस्य
खान परीक्षा बोर्ड
Member of the Board of
Mining Examination.

Signed and Sealed
Date: 19
09-06-1998

CERTIFIED THAT THIS IS THE
TRUE COPY OF THE ORIGINAL

Handwritten signature

27/11/2014

KUMARI JAYA N.
ADVOCATE & NOTARY
Reg.No. 105 / 27 / EXM
KOLENCHERY - 682 211
KERALA - INDIA

Handwritten signature
सदस्य
खान परीक्षा बोर्ड
Chairman of the Board of
Mining Examination

Annexure No. 9

വിമാലയ യാത്ര

വർഷം 20 മുതൽ
വരും ഹരിപ്പാട്,
മുത്തുപുഴ, ഗംഗോ
രി, കോടീനാഥ്,
മുല്ലൂർ 18 ബംഗി
കൾക്കുവേണ്ടി ഉപ
ജ്ഞാപനം നൽകിയിരിക്കുന്നു. ഊ
ർജ്ജം നാമനിർദ്ദേശ
നമ്പർ: 9744840472.
ഇമെയിൽ നമ്പർ- 1.
വെബ്സൈറ്റ്- 28.
mail.com

അവതരിപ്പിച്ചതെ
നാലിയാലിപ്പിച്ചിട്ടുണ്ട്

സംബന്ധമുണ്ട്.

തഥാദിനം

വിമാലയ വിവരങ്ങൾ

വർഷം 5-11-2013 വരും
മുതൽ അതിനുശേഷം
വർഷം 16/2/2014 വരും
മുതൽ, കോടീനാഥ്,
മുല്ലൂർ

NOTICE

This is to inform to the General Public that the proposed quarry project in Survey Nos. 1094/1-A, 1094/1-A1, 1094/1-A6, 1097/7-A, 1097/6-B2, 1101/3, 1097/7-B, 1097/6-A2, 1094/1-A27, 1097/6-B3, 1097/7-C2 at Marady Village & Panchayat and Muvattupuzha Taluk, Ernakulam District, Kerala being developed by M/s St. George Granites is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 57/SEIAA/KL/7585/2012 dt. 15-03-2013 and the copy of the Environmental Clearance is available with the office of Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org

KERALA STATE MARITIME DEVELOPMENT CORPORATION LTD.
384ME, Kattappada Road, Near Palakkadu,
PB. No.2455, Kochi-682 018
TELEPHONE/FAX: 0464 - 2353737, 2362903
Email: kandchi@kanchamail.in

കുടുംബം

അവതരിപ്പിച്ചതെ
നാലിയാലിപ്പിച്ചിട്ടുണ്ട്
1. മുല്ലൂർ, മുല്ലൂർ
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മുല്ലൂർ 4. മുല്ലൂർ
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BEFORE THE
HIGH COURT OF
AT ERNAKULAM
A.S. No. 157 of
O.S. No. 182/19
Principal Sub Court

Appellant:
V.J. George, aged
Joseph, residing at
Mamangalam,
Cochin-95
Respondent:

Annexure No. 10

No. _____
From Secretary / President
To



MARADY GRAMA PANCHAYAT OFFICE
S. Marady P.O., Muvattupuzha (Vid)
Ernakulam (Dist), Pin-686 673
Phone: 0485-2832219

Date 06-06-2013

Sl: _____
Sub: _____
Ref: _____

രസീദ്

ശ്രീ കൃഷ്ണകൃഷ്ണ.എ. മണല, മുത്തരിട്ട്
പാലക്കാട്, തിരുവനന്തപുരം ജില്ല - മനോരമ ജന സഭ
നടപ്പാലം, മാനി ൫൦ പാലക്കാട് ജില്ലാ
വാർഡിൻ്റെ സർവ്വീസ് അധികാരി ഉദ്യോഗ, Department
of Environment & Climate Change, Thiruvananthapuram,
Pallimuttu, Pether P.O (The Secretariat of SECAA & SEACKerala) -
ആദ്യ താലിമിൻ്റെ നിരക്കുകൾ
NO: 57/SE1AA/KL/7535/2012 തീയ 06-06-2013 -
നടപ്പാലം നൽകിയിട്ടുള്ള സെവൻ മുൻ താലിമിൻ്റെ
വാർഡിൻ്റെ അധികാരിയുടെ അനുമതിയോടെ.



M.N. MOHANAN
Secretary
Marady Grama Panchayat
Ph: 9496045569

Annexure No.11

ST GEORGE GRANITES

SURVEY NO:10847-A, 10947-AL, 1094-E-AR, 10977-A,
10976-B2, 11017, 10977-B, 10976-A2, 10947A27, 10976-KY, 10977-C2
AT MARADY VILLAGE, MARADY PANCHAYATH,
MUVATTUPUZHA THALUK, ERNAKULAM DIST, KERALA
Environmental Clearance No: 57/SEIAA/KL/7585/2012

Specific Conditions

1. The storm water should be channelized to a pit that has to be retained in the central area of the proposed mine.
2. Indigenous varieties of horticultural crops having edible fruits should also be cultivated as part of eco-restoration.
3. All General conditions as per State Environment Impact Assessment Authority Kerala for Mining Projects

Environmental Clearance issued by the State Environment Impact Assessment Authority Of Kerala