

COMPLIANCE REPORT

OCTOBER 2020 – MARCH 2021

M/s Ruby Stone Crusher

(Quarry Project)

KOZHIKODE DISTRICT

KERALA



PMP Estate, Engapuzha (Poolode), P.O. Chamel. Thamarassery, Kozh
Kerala - 673 573, Mob : 9446012919, Tel : 0495-3156001 - E-mail : rubystonecrusher@yahoo

Dt. 02-05-2021

The Additional Principal Chief Conservator of Forests (C)

Ref: Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Date :

Ref :- File No. 10/DEIAA/KL/MIN/3970/2017

**Sub :- Environment Clearance – Quarry project at Kattippara Village,
Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala –
Compliance Report – Second Half - Reg.**

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **4.1943 Ha.** by order No. **10/DEIAA/KL/MIN/3970/2017** dated 23.09.2017 by District Environmental Impact Assessment Authority, Kozhikode. The compliance report of **Second half** (October 2020 – March 2021) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For,

M/s Ruby Stone Crusher

Mr. Abdulla Koya Thangal C.P
(Managing Partner)

Copy to:-

- 1. The Member Secretary
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.**
- 2. DEIAA Kozhikode**

Encl: - As Above

Manufactures of : Granite Metals (40mm, 20mm, 12mm, 6mm) M.Sand & Cement Bricks

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 10/DEIAA/KL/MIN/3970/2017

DATED: 23.09.2017

BY

**DISTRICT ENVIRONMENTAL IMPACT ASSESSMENT
AUTHORITY (DEIAA) KOZHIKODE**

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

**RE SURVEY NO. 1 AT KATTIPPARA VILLAGE, KATTIPPARA
PANCHAYATH, THAMARASSERY TALUK, KOZHIKODE DISTRICT,
KERALA.**

BY

M/S RUBY STONE CRUSHER

KOZHIKODE DISTRICT

KERALA

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INTRODUCTION

The quarry project of M/s Ruby Stone Crusher is situated at Survey No. 1 at Kattippara Village, Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by District Environmental Impact Assessment Authority on 23-09-2017. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of Second half to the specific conditions and general conditions of the Environmental Clearance order for the period of **October 2020 – March 2021** is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	Should be fenced all around.	Complied
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Compliance:

The project proponent has erected barbed metal wire fencing around the mining area for enhancing safety. This will help to prevent falling of animals/human being/dumping of garbage etc. Same is attached as **Plate No. 1**

02	The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such.	Noted
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Compliance:

The project proponent is preserving the limited patch of natural vegetation seen adjacent to the proposed lease area. This will enhance the bio diversity in the project site.

03	The entire quarry should be provided with catch water drain. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.	Being Complied
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Compliance:

The storm water from the upper slopes is being channelized to a de siltation trap and clarified before it is let out. In order to collect the storm water from the upper slopes the project is constructing catch water drain in the project site.

04	A RWH structure should be created for the storage of rain water.	Complied
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Compliance:

To utilize the rain water, the project proponent has developed a Rain Water Harvesting (RWH) structure is properly maintaining in the area.

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	Complied
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Compliance:

As part of conservation of water, the project proponent has developed one rain water harvesting pond in the project site. The storm water flow is leading to the pond through drainage. The excess clear water is flowing to the public draining after proper filtration. The water from pond is mainly used for crusher work, watering of plants, wetting of roads and sprinkler system for contain dust emission. The photograph showing the rain water collection pond in the project area is attached in **Plate No. 5**.

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Complied
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Compliance:

The project proponent has constituted an Environment Monitoring Cell (EMC) with Mr. Abdulla Koya Thangal C.P as head of the cell. The meetings of the cell convened periodically and evaluate the activities towards the stipulations of Environmental Clearance order.

03	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.	Being complied
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Compliance:

The project proponent has planted many saplings along the road side to prevent dust emission during transportation of materials. There are natural vegetation including trees, shrubs, herbs and climbers present either side of tarred road and in the parking areas. This will help to reduce air and sound pollution.

04	Sprinklers shall be installed and used in the project site to contain dust emissions.	complied
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Compliance:

The project proponent splashes the haulage road and critical areas with the help of vehicles in regular intervals to arrest dust emissions from the road while transportation of materials. The sprinklers installed in and around the crusher unit. Water efficiency sprinklers are installed in the project site. This help to suppress dust during the time summer season.

05	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Noted
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Compliance:

The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal.

06	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC.	Noted
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Compliance:

To conserve rain water, ten percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a green belt in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden. This stored water can be used for community during drought prone season.

07	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	complied
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Compliance:

The activities under Corporate Social Responsibility (CSR) are executed in various sectors . The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The details of CSR provided in the period of first half is mentioned in the **Table No.1**

Table No.1 – Detail of performed activities under CSR

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Infrastructure Development	Donation of Materials	Moothoran	1000
	Donation of Materials	Pratheesh	2500
	Donation of Materials	Shameer	4000
	Donation of Materials	Shameer	4000
	Donation of Materials	Poolode Musjid	3000
	Donation of Materials	Ashraf	12000
	Donation of Materials	Majeed Nerokumchl	8000
	Donation of Materials	Shajahan	3000
	Donation of Materials	Shamsu	4250
	Donation of Materials	Shajahan	4000
	Donation of Materials	Kareem Puthuppadi	2550
	Donation of Materials	Kareem Puthuppadi	2550
	Donation of Materials	Ravi Kolakkad	2000
	Donation of Materials	Ravi Kolakkad	1500
	Donation of Materials	24 L Palli	1500
	Donation of Materials	Arun Vendekumchal	1350
Donation of Materials	24 L Palli	2000	
Donation of Materials	Arun Vendekumchal	1800	

	Donation of Materials	Cpa C/O	2500
	Donation of Materials	Cpa C/O Shameer	2500
	Donation of Materials	Haneefa Tle	4000
	Donation of Materials	Siraj	4500
	Donation of Materials	Shaji Vendekum Chal	3400
	Donation of Materials	Ussain Vendekumchal	650
	Donation of Materials	Ussain Vendekumchal	1000
	Donation of Materials	Musliyar Chamal	2500
	Donation of Materials	Nishad Appurathpoil	6000
	Donation of Materials	Nishad Appurathpoil	6000
	Donation of Materials	Kalandhan	1600
	Donation of Materials	Thomas Member	1000
	Donation of Materials	Ayisha	1300
	Donation of Materials	Ambayathode Masjid	5000
	Donation of Materials	Eshow	7500
	Donation of Materials	Shaijal Pkty	5000
	Donation of Materials	Hussan Vendekum Chal	3000
	Donation of Materials	Hussan Vendekum Chal	4000
	Donation of Materials	Jafar	800
	Donation of Materials	Karikulam Masjid	1500
	Donation of Materials	Karikulam Masjid	2000
	Donation of Materials	Muttai Nooranthode	5000
	Donation of Materials	Appurathu Poil Masjid	5000
	Donation of Materials	Lalitha	5000
	Donation of Materials	Choyiyode	7500
	Donation of Materials	Amina Vendekumchal	2000
	Donation of Materials	Bavu	2000

Skill Development	Donation	ppl polode	2000
	Donation	lasio vadakkumury	5000
	Donation	art spots puthupadi	20000
Social	Donation	Anaswara	300
	Donation	chamal chunda kuzhi thira	3000
	Donation	anappara bagavathy temple	1000
	Donation	venakkav temple	10000
	Donation	handi capped welfare	500
	Donation	Chamal jarappata sree bagavathi Kshethram	25000
	Donation	Haritha Relief cell	5000
	Donation	sneha thanal	1000
	Donation	Deshiya Prakrithi-paristhithi Padana kendhram	1000
	Donation	Organization of newspaper Society	1000
		Govt. Hospital chevayur	75000
'Total			303050

08	The lease area shall be fenced off with barbed wires to a maximum 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.	Complied
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Compliance:

To demarcate the boundary and to ensure safety, the project proponent has erected barbed metal wire fencing around the mining area with height of 4 ft before the starting of mining. All the boundary indicators will be protected at all times and shall be conspicuous. The photograph of barbed metal wire fencing is provided in **Plate No.4**.

09	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

As per the stipulation of Explosive department, to give warning to the labours and community people prior to the blasting in quarry, the project proponent installed warning alarms in the quarry site. This is properly working prior to the blasting time.

10	Control measures on noise and vibration prescribed by KSPCB should be implemented.	complied
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Compliance:

The project proponent has implemented mitigate masseurs to reduce noise level in the project site. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- ❖ The project proponent has appointed qualified persons to monitor the mining operations

11	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Complied
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Compliance:

To reduce the inconvenience of nearby houses and community Quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 7.00am to 2.00 pm. This will help to limit the sound pollution.

12	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	complied
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Compliance:

To prevent possible fly rock and other adverse impact from blasting, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the specified regulations of explosive department. All blasting are under careful supervision of qualified persons. The blasting time is 2 pm to 3 pm.

13	A licensed person should supervise/control the blasting operations.	complied
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Compliance:

To monitor, the project proponent has appointed Mines manager, foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site. The certificate of Foreman is attached as **Annexure No.1**.

14	Overburden materials should be managed within the site and used for reclamation of mine pits as per mine closure plan/specific conditions.	complied
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Compliance:

Overburden is an inevitable byproduct of building stone quarry. There is no old quarry in the site for restoration. The overburden materials are stored within the site at

designated place. This will be used to restore the exploited area in future. Photograph of Overburden is attached as **Plate No. 6**.

15	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/specific conditions.	Being complied
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Compliance:

All mining activities are progressing under the supervision of qualified persons. To enhance safety and to make environment friendly quarrying, the excavation activity in the project site is progressing by creating benches of 5m width x 5m height. **Plate No. 2** showing the work progressing in the quarry area.

16	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project proponent is using blasting mat to reduce fly rocks during blasting. The project is using ordinary/electric delayed detonator for blasting therefore there is no issue with fly rock in the community. The project is also assuring that the maximum PPV is under 10 during the time of blasting.

17	Acoustic enclosures should be 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.	complied
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Compliance:

To reduce sound amplification, the machines of crusher unit is housed with solid bricks. The project proponent has regularly maintains the machineries of crushing the building stones. A green belt is also developed around the unit to reduce noise and air pollution. This helps the noise and sound level is kept within the prescribed standards.

18	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.	Complied
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Compliance:

The project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, gloves, etc. to ensure the safety of workers in working site.

19	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Being Complied
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Compliance:

To manage storm water, the project proponent has constructed drains and clarifiers in the lower slopes of the project area for storm water management. The storm water canalized to the Rain water harvesting pond the sediments will settle down in the bottom of the pond the over flow from the pond is directed to pond constructed at the lower side of at the project site.

20	The transportation of minerals should be done in covered trucks to contain dust emissions.	complied
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Compliance:

To arrest the dust emission while transportation of materials, the project proponent assures the trucks are covered before it leaving the project site.

21	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Being complied
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Compliance:

As part of concurrent eco restoration, The project has been planting various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining.

22	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	complied
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Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil sold only to the recyclers.

23	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	Complied
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Compliance:

As per the stipulation of competent authority, the project proponent has been stored the explosives in magazine. The magazine is situated in an isolated place specified and approved by the explosives department. The photograph of magazine housed in solid bricks is attached as **Plate No 3**.

24	A minimum buffer distance of 100m meter from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	complied
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Compliance:

To prevent possible fly rock and vibration to nearby houses, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house was 155 meter form the quarry, the KSPCB condition is 50 meter.

25	100 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

There is no forest near to the project site.

26	Consent from Kerala Pollution Control Board under Water and Air Act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The project proponent has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.2**.

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

All statutory clearances, approvals, licenses are obtained from concerned authorities. All conditions stipulated in such approvals are strictly followed. The obtained approvals are mentioned in **Table No.2**. The certificates obtained from concerned statutory authorities are enclosed in **Annexure No. 2, 3, 4, 5 & 6**. The details are given below

TABLE 2 – APPROVALS FROM COMPETENT AUTHORITIES

Name of the Statutory approval	Name of the Statutory authority
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala
“Consent to Operate” (Renewal)	Kerala State Pollution Control Board
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
License for quarry operations	Gram Panchayath
Lease order	Directorate of Mining and Geology

28	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 project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	Noted
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Compliance:

At present there is no change in the scope of the project. The project proponent is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. The project proponent will seek for a new Environmental clearance In the case of any change(s) in the scope of the project.

29	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 Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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Compliance:

To enhance safety and eco friendly mining, the project proponent is willing to incorporate all such measures if the authority instructs to add additional safeguard measures subsequently, the project will be complied with.

30	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.	Noted
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

1. KMMCR 2015
2. The Environment Protection Act,1986
3. Water (Prevention and Control of Pollution) Act, 1974
4. The Air (Prevention and Control of Pollution) Act, 1981
5. The Public Liability (Insurance) Act,1991
6. Municipal Solid Waste (Management and Handling) Act,2000
7. Hazardous and Other Wastes (Management and handling) Rules, 1989.
8. EIA notification, 2006
9. The Kerala Minor Mineral Concession Rules 2015

31	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both 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 District Environment impact Assessment Authority (DEIAA) office Kozhikode and may also be seen on the website of the Authority at www.environmentclearance.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.	Complied
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Compliance:

An advertisement in two local daily newspapers (English and Malayalam) regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at DEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No. 7**. The details are given below in the table.

Table No. 3 Details of advertisement in news paper

Sl. No	News paper	Language	Date of edition
01	Madhyamam	Malayalam	17-Oct-2017
02	The Hindu	English	17-Oct-2017

32	A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat /District Panchayat / Municipality / Corporation / Urban Local Body and also to the Local NGO, if any from whom suggestions / representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.	Complied
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Compliance:

As per the condition stipulated in the Environmental Clearance order, a copy of the environmental clearance letter was submitted to Grama Panchayat office. There were no suggestions/representations received while processing the proposal. The acknowledgement received from the Panchayat office is attached in **Annexure No. 8**. The environmental clearance has uploaded in the website of the firm.

33	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective State Environment Impact Assessment Authority (SEIAA) office and also to the District Environment Impact Assessment Authority (DEIAA) office.	complied
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Compliance:

The compliance report is being submitted to the State Environmental Impact assessment Authority (SEIAA), Kerala and the District Environmental Impact

assessment Authority (DEIAA) office. The monitored data of Air, Water and Noise is attached as **Annexure No. 9, 10 & 11**. The project proponent has uploaded the compliance report in the website <https://www.rubystonecrusher.in>

34	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft 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.	Complied
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Compliance:

The detail of the Environmental Clearance has display on metallic board in the project site. The metallic board installed as specified in the conditions of Environmental Clearance order. Same is attached as **Plate No. 4**.

35	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.	Complied
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Compliance:

An assurance in the form of affidavit was already submitted to DEIAA Kerala.

36	No change in mining technology and scope of working should be made without prior approval of the DEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the DEIAA, as applicable.	Noted
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Compliance:

At present, the project proponent is not intending to expand the area of mine, technology and scope of working. The project proponent will appear in front of DEIAA / SEIAA for Environment Clearance if the project proponent wants to expand its scope.

37	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.	Noted
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Compliance:

The Rain water harvesting pond in the site is working as clarifiers to prevent the quarry waste within the site. The project proponent will install additional clarifiers in the project site to prevent sediments and wastes from quarry site to enter in to the main stream. The project proponent will constitute a Cell to monitor such commitments to the community.

38	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 un loading points & transfer point to reduce fugitive emissions.	Noted
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Compliance:

The project proponent has monitored the ambient air quality as per National Ambient Air Quality Standard (NAAQS), during the time of appraisal of the project. The project proponent is intending to increase splashing of water and installation of sprinklers at loading, unloading and transfer points.

39	The top soil, if any, shall be 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 staked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45^o. The OB dumps should be scientifically vegetated with suitable	Noted
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	native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the bump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	
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Compliance:

To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction of District Environment Impact Assessment Authority (DEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

40	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc., The drains shall be regularly de silted particularly after monsoon and maintained properly.	Being complied
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Compliance:

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels directed the water to the rain water collection pond. All sediments and silts are settling at the bottom of the pond and only cleared water is letting out. The water from the pond can be used for splashing of water on roads to arrest the dust. The project proponent indenting to create de siltation chambers along with catch drains

41	Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and	Being complied
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	having high levels of PM₁₀ and PM_{2.5}, such as haul road, loading and unloading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters confirm to the norm prescribed by the Central Pollution Control Board in this regard.	
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Compliance:

The project proponent is regularly checking the air quality in the site and spraying water in critical areas prone to air pollution with the help of vehicle. The project proponent has placed mobile sprinklers in critical area to reduce the dust emission. The ambient air quality is monitored with the help of an approved laboratory at regular interval.

42	Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.	complied
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Compliance:

The project proponent has installed mobile sprinklers in critical area to reduce the dust emission. The water spraying has been carried out regularly to arrest the dust emission. The sprinklers and vehicle for water spraying is being properly maintained.

43	Measures should be taken for control of noise levels below 85 dBA in the work environment.	complied
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Compliance:

The project proponent is taking appropriate action to reduce the sound by employing possible measures. The main sound generating activities are the playing of jack hammer, breaker, vehicles and blasting operations. The level noise from all these activities will not go beyond 85dBA. These are mentioned under the condition No. 11.

44	A separate Environmental Management Cell with suitable qualified	complied
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	personal should be set up under the control of a senior executive, who will report directly to the Head of the Organization.	
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Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent constitutes an Environment Monitoring Cell with Mr. Abdulla Koya Thangal C.P as the head of the Cell.

45	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the District Environment Impact assessment authority Kozhikode (DEIAA) office.	Being Complied
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Compliance:

The project proponent could execute many activities under Corporate Social Responsibility (CSR) for community development. To implement these activities in a good manner, the project proponent maintain an account for keeping the funds earmarked for environmental protection and CSR.

46	The Regional Office of MoEF &CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the regional Office by furnishing the requisite data/information/monitoring reports.	Noted
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Compliance:

The project proponent will extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.

47	Any appeal against this Environmental Clearance shall lie with	Noted
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	the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green tribunal Act, 2010.	
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48	Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
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49	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of any of the above conditions is not satisfactory. The DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted
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Compliance:

The project proponent is willing to implement the conditions stipulated in the Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment.

50	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Noted
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Compliance:

The project is giving priority to the conditions stipulated in the Environment clearance Order for its execution.

51	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.	Noted
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52	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.	Noted
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53	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	Noted
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Compliance:

The project proponent will restrict its mining operations above the ground water table.

54	All vehicle used for transportation and within the mine shall have "PUC" certificate from authorized pollution testing center. Washing of all vehicles shall be inside the lease area.	complied
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Compliance:

As part of reduce air pollution, the project proponent is monitoring the pollution level of all vehicles playing in the project site. This monitoring conducts only in authorized pollution testing center.

55	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Noted
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Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project.

56	Regular monitoring of flow rates and water quality upstream and down streams 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 DEIAA.	Noted
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Compliance:

There is no stream or springs flowing in and around to the mine lease area. The project will install de siltation trap and other mechanism to prevent sediments and wastes from the mining area to the public drainage system.

57	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.	Noted
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Compliance:

The project proponent has started an occupational health surveillance program for the labours working in mining area in association with Primary Health center.

58	The environmental clearance liable to be cancelled if the said land is found in porambokku, surplus land, etc.	Noted
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Compliance:

The instant quarry project is operating in private owned land. No porambokku, surplus land, etc. included in the mining area.

PLATES

Plate No. 1



Photograph of Fencing around lease area

Plate No. 2



Photograph of Mining Activity

Plate No. 3



Photograph of Magazine

Plate No. 4



Photograph of EC Board

Plate No. 5






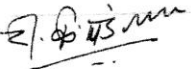

RWH Pond
Plate No. 6



Overburden

ANNEXURE

Annexure No.1

 सत्यमेव जयते		 MINES MANAGER M/s V.S LAD & SONS & ITH Iron Ore Mines
Cert No. FR/4261		
भारत सरकार/Government of India खान अधिनियम, 1952/Mines Act, 1952 खनन परीक्षा बोर्ड/Board of Mining Examinations खान फोरमैन सक्षमता प्रमाण-पत्र (केवल ओपेनकास्ट खानों तक सीमित) (Restricted to mines having opencast workings only) MINE FOREMAN'S CERTIFICATE OF COMPETENCY (धात्विकीय खान विनियम, 1961 के अन्तर्गत) (Under the Metalliferous Mines Regulations, 1961)		
श्री अंबाना नायकर सुपुत्र हुलेप्पा एन जिनकी जन्म तिथि 01.05.1974 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने एवं सितम्बर, 2011 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट धात्विकीय खान के लिए फोरमैन प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 09.04.2012 से प्रभावी है।		
Shri Ambanna Naykara son of Muleppa N born on 01st May, 1974 having given satisfactory evidence of possessing the prescribed qualifications and experience and having passed the examination held in September, 2011 is hereby granted MINE FOREMAN'S CERTIFICATE OF COMPETENCY for metalliferous mine having opencast workings only. This certificate is effective from 09.04.2012		
 सचिव खनन परीक्षा बोर्ड Secretary Board of Mining Examinations	 अध्यक्ष खनन परीक्षा बोर्ड Chairman Board of Mining Examinations	
Signed and Sealed Date 13.01.2013		

Copy of Certificate of foreman

Annexure No.2**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. :PCB/KKD/DO/3435/2017

Date of issue :03/03/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL**Consent No : PCB/KKD/DO/ICO-R1/3635/R17KOZ5582613/11800127/2020****Ref : 1.Your online application no. 11800127 dated 10.10.2019****2.Consent No.PCB/KKD/DO/ICO/3635/2017 dated 16.11.2017 valid up to 30.04.2020**

The ' Integrated Consent to Operate' issued as per reference above to M/s RUBY STONE CRUSHER (QUARRY)PMP ESTATE CHAMAL P.O. KOZHIKODE is hereby renewed up to 23/09/2022 and issued to M/s RUBY STONE CRUSHER (QUARRY)PMP ESTATE CHAMAL P.O. KOZHIKODE The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Annual fee	Rs.18000/-
2	Fee remitted	Rs.60000/-
3	Validity	23.09.2022
4	Quarrying area	Quarrying in 4.1943 of land in Survey no. RS No.1/18, KATTIPPARA Village, Thamarassery Taluk and in KATTIPPARA Panchayath

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

5.1. Condition no.2.4 of the consent referred 2nd above is modified to the extent that for renewal of the integrated consent application in the prescribed form shall be submitted to the Board before 23.6.2022 through the web portal of the Board (krocmms.nic.in) for Online Consent Management & Monitoring System. Late application will be accepted only with fine/late fee as applicable.

5.2 The quarry should not be operated between 6.00 p.m. and 6.00 a.m.

5.3 Noise measured 1 m outside the boundary of the premises shall not exceed the limit specified for the area under the Ambient Air Quality Standards in respect of noise.

5.4 The concentration of particulate matter PM 10 and PM 2.5 at the boundary of the premise shall not exceed 100 microgram/m³ and 60 microgram/m³ respectively.

5.5 Permanent fence made of wire mesh shall be provided and maintained along the boundary of the approved quarry area.

5.6 The applicant shall put up a 6 ft. x 4 ft. signboard near entrance to the quarry for displaying the name of the quarry and owner, production details and time of the day when blasting is permitted to be undertaken.

5.7 Location and extent of quarry shall be as per the approved site plan attached.

5.8 After completion of quarrying, the land may be reclaimed as per the mining plan approved by the Department of Mining and Geology.

5.9. Quarrying operations shall be started only after obtaining the all the statutory clearances required, which shall be valid throughout the period of operations.

5.10 . This consent is issued based EC no 10/ DEIAA/KL/MIN/3970/2017 dated 23.09.2017 valid up to 23.09.2022 for 4.1943 hectares and letter no. 11801/M3/2015 dated 27.01.2016 of Geologist, Mining and Geology Department

5.11. Quarrying operation shall be strictly restricted to the area as per the VO approved location sketch and shall be confining to the area which is having valid Environmental Clearance

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

SHABNA
KUSHE
SHEKHAR

Digitally signed by
SHABNA KUSHE SHEKHAR
Date: 2020.03.03 11:50:17
+05'30'

DATE :03/03/2020

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To
SRI.ABDULLAKOYA THANGAL
FAMOTHAS
PALAKUTTY
KODUVALLI P.O.
KOZHIKODE-673572

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000**
2. For verifying this document please go to krocms.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.

Page3

Copy of Consent form PCB

Annexure No.3

Validity expires on 23.09.2022

Proceedings of the District Environment Impact Assessment Authority Kozhikode

Present : Sri.U.V.Jose. IAS, District collector & Chairman DEIAA, Smt Shamin Sebastian RDO and Member Secretary DEIAA, Sri Sunil Kumar DFO & Member Sri Sathyanathan. Member

Sub : DEIAA-Environmental clearance for the quarry project in Re Sy. No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk Kozhikode District, Kerala Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 - E C Granted - Orders issued.

Ref :

1. Application dated 10.01.2017 from Sri. Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s RUBY STONE CRUSHER, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573.
2. Minutes of the 4th meeting of DEAC held on 12/05/2017
3. Minutes of the 5th meeting of DEAC held on 09/06/2017
4. Minutes of the 3rd meeting of DEIAA held on 03/08/2017

District Environment Impact Assessment Authority, Kozhikode

No. 10/ DEIAA /KL/MIN/3970/2017. Dated, Kozhikode: 23.09.2017

ENVIRONMENTAL CLEARANCE NO 10./2017

Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 vide his application received on 10.01.2017, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala for an area of 4.1943 hectares. The project comes under Category B2, Activity 1(1), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA-11(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 5 hectares.

The proposed project site falls within Latitude 11°28'11.44"N to 11°28'20.09"N and Longitude 75°56'41.81"E to 75°56'51.90"E. The land use classification as per revenue records is private own land. The lease area consists of 4.1943 hectares. The current proposal is for the new building stone quarry project. The proposed project is for quarrying of 100000 MTA of building stone. The other details are as follows:

1

Copy of Environmental Clearance


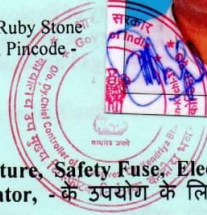
Annexure No.4

Transferred from Shri Abdulla Koya Thangal

अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1153(E58074)
वार्षिक फीस रूप (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
Shri Abdulla Koya Thangal Managing Partner (अधिभोगी / Occupier : Abdulla Koya Thangal), M/s.Ruby Stone Crusher, Chamal P.O., Thamarassery, Town/Village - Thamarassery, District-KOZHICODE, State-Kerala, Pincode - 673573
को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Partnership Firm**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Safety Fuse, Electric Detonators, Ordinary Detonator,** के उपयोग के लिए
Licence is valid only for the following purpose.

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	1650 Mtrs
3.	Electric Detonators	6,3	0	2000 Nos.
4.	Ordinary Detonator	6,3	0	2000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] : **20 times as above.**
(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] :

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्ति परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1153(E58074)
The licensed premises shall conform to the following drawing(s) : दिनांक (Dated) 09/10/2018

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No. R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk , ग्राम (Town/Village) : **Kedavoor village,kozhikode taluk**
जिला (District) **KOZHICODE** राज्य (State) **Kerala** पुलिस थाना (Police Station) : **Koduvally**
दूरभाष (Phone) **9446012919** ई. मेल (E-Mail) **673573** फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। : **pucca magazine of masonry construction**
The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।
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.

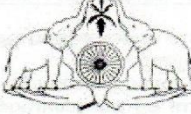
- उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख **31 मार्च 2015** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2015.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

Copy of Explosive License

Annexure No.5




ലൈസൻസ് നമ്പർ എ1-647/18 തീയതി 10/04/2018

കട്ടിപ്പാറ ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും

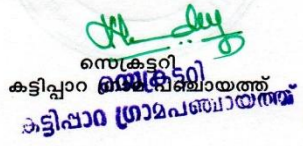
1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232 , 233, 234, 254 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

ഡി & ഒ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും റോഡ്,	അബ്ദുള്ളക്കോയ തങ്ങൾ.സി.പി, മാനേജിംഗ് പാർട്ട്ണർ, റൂബി സ്റ്റോൺ ക്രഷർ, ചമൽ(പിഒ), താമരശ്ശേരി.		
സ്ഥാപനത്തിന്റെ പേരും , മേൽവിലാസവും സ്ഥലനാമവും	റൂബി സ്റ്റോൺ ക്രഷർ (കാറി) ചമൽ.		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ കാറി നടത്താൻ		
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	കോഴിക്കോട് ജില്ലയിൽ താമരശ്ശേരി താലൂക്കിൽ കട്ടിപ്പാറ വില്ലേജ് റീസ 1 ൽപ്പെട്ട 4.1943 ഹെക്ടർ സ്ഥലം		
ലൈസൻസ് കാലയളവ് വകുപ്പുകളിൽ നിന്നുള്ള നിരാകേഷാപ പത്രങ്ങളും അനുമതി പത്രങ്ങളും പുതുക്കി നൽകുന്ന മുറയ്ക്ക്	01/04/2018 മുതൽ 31/03/2023 വരെ (മറ്റു വകുപ്പുകളിൽ നിന്നുള്ള നിരാകേഷാപ പത്രങ്ങളും അനുമതി പത്രങ്ങളും പുതുക്കി നൽകുന്ന മുറയ്ക്ക്)		
ഇടാക്കിയ ലൈസൻസ് ഫീസ്	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"> ലൈ.ഫീ- 20000 രൂപ </td> <td style="width: 70%; text-align: right;"> രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018 </td> </tr> </table>	ലൈ.ഫീ- 20000 രൂപ	രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018
ലൈ.ഫീ- 20000 രൂപ	രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018		
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകേഷാപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാനം)	1) PCB/KKD/DO/ICO/3635/2017 dtd 16/11/2017. valid upto 30/04/2020 . 2) LE 3 LICENCE No. E/SC/KL.22/1153(E58074) dated 14/12/2017 valid upto31/03/2019 3)EC.No10//DEIAA/KL/MIN/3970/2 dtd.23/09/2017 valid upto23/09/2022. 4) Quarrying Lease Proceedings No. 664/2017-18/11801/M3/2015/DMG dated. 12/01/2018 . of director of Mining & Geology,TVM 5) Quarrying Lease Doct No.287/I/2018 dtd.15/01/2018		



കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്
 PO, Kattippara-673573



സെക്രട്ടറി
 കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്
 കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്

Copy of Grama Panchayat license

Annexure No.6

No.11801/M3/2015

Directorate of Mining & Geology
Kesavadasapuram, Pattom P.O.
Thiruvananthapuram-4
Tel: 0471-2447429
Fax: 0471-2447429
E.mail: director.dir.dmg@kerala.gov.in
Web: www.dmg.kerala.gov.in
Dated: 12/01/2018

From
The Director of Mining & Geology

To
M/s. Ruby Stone Crusher,
Chamel. P. O, Thamarassery, Kozhikode District – 673 573
(Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)

Sir,

Sub: Mining & Geology - Mines and Minerals - Minor Minerals- Granite Building Stone - Preparation and execution of quarrying lease deed – reg.


Ref: 1. Pro.Order No. 664/2017-18/11801/M3/2015/DMG Dated: 12/01/2018
2. Pro.order. No. 10/DEIAA/KL/MIN/3970/2017 dtd. 23/09/2017 (EC. No. 10/2017) of the District Environment Impact Assessment Authority, Kozhikode, Kerala
3. KMMC Rules 2015
4. Kerala Minerals (Prevention of illegal Mining, Storage & Transportation) Rules 2015
5. Mines & Minerals (Development & Regulation) Act 1957.

Please refer to the Proceedings Order cited above wherein a lease for Granite (Building Stone) is granted to **M/s. Ruby Stone Crusher, Chamel. P. O, Thamarassery, Kozhikode District – 673 573 (Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)**. I request you to prepare three copies of the quarrying lease deed, original on plain paper and two copies of the same in stamped paper worth Rs. 500/- and produce the same before the **Senior Geologist, District Office, Kozhikode** for scrutiny and execution. The date of execution will be entered up by the Senior Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Senior Geologist will inform you the date of execution convenient to him. After execution as per the request of the Senior Geologist stamp duty may be fixed by any District Registrars of the state and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for **Rs. 41,943/- (Rupees forty one thousand nine hundred and forty three only)** being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and the draft form 'H' which is enclosed herewith, before the Senior Geologist, District Office, **Kozhikode** at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

Encl: as above

Yours faithfully
[Signature]
12/01/2018
DIRECTOR OF MINING & GEOLOGY (I/c)



Copy of Permit


Annexure No.7

PUBLIC NOTICE

NOTICE

This is to inform to the General Public that the proposed Quarry Project at Re-Survey No.1, Kattippara Village, Kattippara Panchayat, Thamarassery Taluk, Kozhikode District, Kerala being developed by M/s.Ruby Stone Crusher is accorded with ENVIRONMENTAL CLEARANCE by District Environment Impact Assessment Authority, Kozhikode vide Order No.10/DEIAA/ KL/ MIN/3970/2017 dt. 23/09/2017 and the copy of the Environmental Clearance is available with the office of District Environment Impact Assessment Authority (DEIAA), Kozhikode and may also be seen on the website of the Authority at <http://environmentclearance.nic.in>

Sd/-
Managing Director
M/s. Ruby Stone Crusher



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PUBLIC NOTICE

NOTICE

No.DUBA/Cons/434/MR/17-(131) Dated:28/9/2017

Mr.Unni Krishnan Vadakkedath Sugathan S/o Vadakkedath Kesavan Sugathan resident of 42/532, Kariaparambil house, Chittoor Road, Ernakulam, Kerala, 682018 present address 124 NKB Bldg, Karama, Dubai P.O.Box: 64546 Dubai and Miss Pooja Sreedharan Pillai daughter of Sreedharan Pillai Vasupilla Koyikalethu, resident of Sreevalsam Kattanam Pallicakal P O, Kayamkulam via, Alappuzha District, Kerala 690503 present address 212 new Makati Bldg Karama, Dubai,U.A.E. P.O.Box 777 Dubai. Above mentioned Indian Nationals presently residing in UAE have given notice of intended marriage between them under the foreign marriages act, 1969. If anyone has any objection to the proposed marriage he/she should file the same with the undersigned according to the procedure laid down under the act/rules within thirty days from the date of publication of this notice.

Sd/- Sumathi Vasude
Marriage Officer & Consul (Consular & Labour) Consulate General of India
P.O.Box: 737, Dubai(U.A.E.), Fax No.009714-397045
Email:cons1dubai@mea.gov.in. Homepage:www.cgidubai.or

ആധാരം നഷ്ടപ്പെട്ടു

ദി കൽപ്പറ്റ എസ്റ്റേയിറ്റ് ലിമിറ്റഡ് കമ്പനിയിൽനിന്നും താമരശ്ശേരി ടൗൺ സ.റ. ആപ്ലിസിൽ 1991ൽ 3850-ാം നമ്പ്രായി എന്റെ പേരിൽ രജിസ്റ്റർ ചെയ്ത തീരാധാരം നഷ്ടപ്പെട്ടുപോയിരിക്കുന്നു. മേൽ നമ്പ്ര ആധാരം കണ്ടുകിട്ടുന്നവർ താഴെ പറയുന്ന വിലാസത്തിൽ അയച്ചു തരണമെന്ന് അപേക്ഷിക്കുന്നു.

പി.ടി. അബ്ദുറഹിമാൻ, പുറ്റങ്ങാലിൽ, പി.ഒ. താമരശ്ശേരി

നോട്ടീസ്

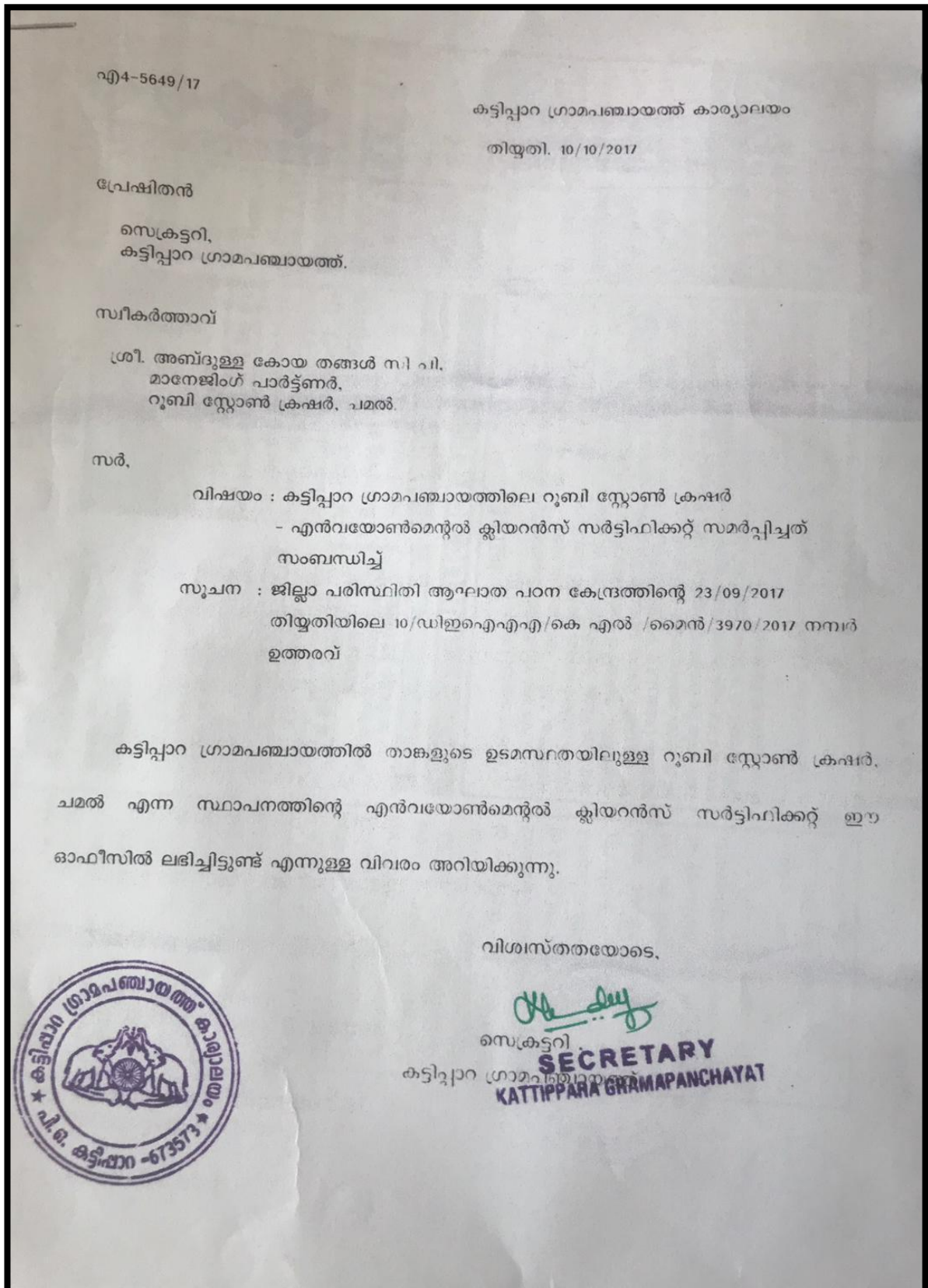
പൊതുജന ശ്രദ്ധക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ല, താമരശ്ശേരി താലൂക്ക്, കട്ടിപ്പാറ പഞ്ചായത്ത്, കട്ടിപ്പാറ വില്ലേജിലുംപെട്ട, റീ.സർവ്വേ നമ്പർ 10 പാറ ഖനനം ചെയ്യുന്നതിന് വേണ്ട പരിസ്ഥിതി അനുമതി റൂബി സ്റ്റോൺ ക്രഷർ എന്ന സ്ഥാപനത്തിന് ജില്ലാ പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്മെന്റ് അതോറിറ്റി, കോഴിക്കോട് നിന്നും ഓർഡർ നമ്പർ 10/DEIAA/KLMIN/3970/2017 തീയതി 23/09/2017 ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് ജില്ലാ പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. <http://environmentclearance.nic.in> എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

ബേപ്പൂർ	9895153967
പേരാമ്പ്ര	9846925488
പയ്യോളി	9539001012
അത്തോളി	9947654144
മുക്കം	9048488380
കുന്ദമംഗലം	9539008558

തിരുവമ്പാടി	9539002264
താമരശ്ശേരി	8943798166
കുറ്റിപ്പിറ	9497170838
ഗുഡല്ലൂർ, നിലയിരി	09443523707
വയനാട്, വയനാട്, കൽപ്പറ്റ, മാണന്തവാടി,	
മീനങ്ങാടി, ബത്തേരി, പനമരം	9645006153

Copy of News Paper

Annexure No.8



Copy of Acknowledement from Panchayath

Annexure No.9

**TEST REPORT**

Test Report No: 20210217/R023	Date: 23.02.2021	Page 1 of 1
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CUSTOMER DETAILS

Customer Name & Address	Mr. Abdullakoya Thangal C.P, Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Customer Reference	Test Request dt 17.02.2021

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	20210217/S023
Sample Name	Ambient Air	Sample Received on	18.02.2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	19.02.2021
Sampled by	Lab Authorized Sampler	Test Completed on	23.02.2021

DETAILS OF SAMPLING

Sampling Location	North Side Boundary	Date of Sampling	17.02.2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	67%

SAMPLING SITE DETAILS

Survey No	1		
Village	Kattipara	Taluk	Thamarassery
District	Kozhikode	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m ³	50.6	100 (Max)
2	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix – L	µg/m ³	21.3	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	µg/m ³	< 2.0	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	µg/m ³	< 2.0	80.0 (Max)

Remarks:

End of Report

Shency Joy
Checked by:

Laiju P. N.
Laboratory Head

Authorized Signatory

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Copy of Result of Air

Annexure No.10

**TEST REPORT**

Test Report No: 20210217/R024	Date: 23.02.2021	Page 1 of 1
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CUSTOMER DETAILS

Customer Name & Address	Mr. AbdullakoyaThangal C.P, Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Customer Reference	Test Request dt 17.02.2021

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	20210217/S024
Sample Name	Ambient Noise	Monitoring Commenced on	17.02.2021/ 06:00
Monitoring Location	North Side Boundary	Monitoring Completed on	18.02.2021/ 06:00
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

MONITORING SITE DETAILS

Survey No	1		
Village	Kattipara	Taluk	Thamarassery
District	Kozhikode	State	Kerala

MONITORING RESULTS - Leq


TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	41.6	14:00	47.1	22:00	45.8
07:00	42.9	15:00	46.9	23:00	41.9
08:00	47.8	16:00	50.3	24:00	44.6
09:00	49.3	17:00	46.5	01:00	40.7
10:00	46.5	18:00	48.3	02:00	38.3
11:00	48.5	19:00	47.3	03:00	35.2
12:00	43.2	20:00	45.1	04:00	38.5
13:00	46.7	21:00	48.3	05:00	33.3

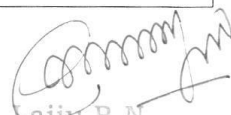
TEST RESULTS- CHEMICALPARAMETERS

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	47.1
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.3

Remarks:

End of Report

Checked by: 
Shency Joy
TM Chemical


Raju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Copy of Result of Noise

Annexure No.11



TEST REPORT

Test Report No: 20210217/R025	Date: 23.02.2021	Page 1 of 2
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CUSTOMER DETAILS

Customer Name & Address	Mr. AbdullakoyaThangal C.P, Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Customer Reference	Test Request dt 17.02.2021

SAMPLE DETAILS

Product Category	Water	Sample Code	20210217/S025
Sample Name	Open Well	Sample Received on	18.02.2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	7°C
Sample Quantity & Packing	1L & 250ml Plastic Bottles	Test Commenced on	19.02.2021
Sampled by	Lab Authorized Sampler	Test Completed on	23.02.2021

DETAILS OF SAMPLING

Sample Source	Project site	Date of Sampling	17.02.2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	31 °C

SAMPLING SITE DETAILS


Survey No.	1		
Village	Kattipara	Taluk	Thamarassery
District	Kozhikode	State	Kerala

TEST RESULTS - CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
1	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
2	Odour	IS 3025 Part 5:2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	<0.10	1.00 (Max)
4	pH	IS 3025 Part 11:1983 RA 2017	---	7.25	6.50 - 8.50
5	Conductivity	IS 3025 Part 14:1984 RA 2019	µS/cm	95	---
6	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	63	500 (Max)


Shency Joy
Dy. TM Chemical
Checked by:


Salini T. S.
Microbiologist
Authorized Signatory


Laju P. N.
Laboratory Head
Authorized Signatory

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.

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Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No: 20210217/R025	Date: 23.02.2021	Page 2 of 2
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TEST RESULTS - CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
7	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2019	mg/L	16.0	200 (Max)
8	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2019	mg/L	3.60	75.0 (Max)
9	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2019	mg/L	1.48	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2019	mg/L	22.1	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2019	mg/L	10.6	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2019	mg/L	<0.10	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2019	mg/L	3.65	200 (Max)

TEST RESULTS - BIOLOGICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
14	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
15	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report






Shency Joy
Dy. TM Chemical



Salini T. S.
Microbiologist



Laju P. N.
Laboratory Head

Checked by:  Authorized Signatory  Authorized Signatory  Authorized Signatory

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

Copy of Result of Water