

FILE NO : KSPCB/ER2/ICO/10065139/2024

Date of issue : 30-08-2024



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

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

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

and

The Environment (Protection) Act, 1986

As per Application No. : 10065139

Dated : 19-08-2024

To

**GRAVA METALS PRIVATE LIMITED
PALLARIMANGALAM,KOTHAMANGALAM,ERNAKULAM**

Consent No. : KSPCB/ER2/ICO/10065139/2024

Valid Upto : 15-03-2029

1. GENERAL

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

1	VALIDITY	15-03-2029
2	Name and Address of the establishment	GRAVA METALS PRIVATE LIMITED PALLARIMANGALAM,KOTHAMANGALAM,ERN AKULAM E-Mail : gravametals20@gmail.com Contact Number : 9744265517
3	Occupier Details	BINU A S , MANAGING DIRECTOR GRAVA METALS PRIVATE LIMITED ARACKAL VARAPPETTY, KOTHAMANGALAM ERNAKULAM - 686691 E-Mail : gravametals20@gmail.com Contact Number :
4	Local Body	PALLARIMANGALAM
5	Survey Number	487/1/2/3,487/1/3/B,491/1/2/4,493/1/15/11,491/1/2/4/2, 491/1/2/4/2
6	Village	Pallarimangalam
7	Taluk	Kothamangalam
8	District	ERNAKULAM
9	Capital Investment(Rs in Lakhs)	350.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	35000.0
	Total Fee remitted(Rs)	175000.0
13	Activity	GRANITE BUILDING STONE QUARRYING - 2,50,000 Tonnes per Annum for 5 Years (3.3686 Hectares of land in Survey Nos 487/1/2/3, 487/1/3/B, 491/1/2/4, 493/1/15/11, 491/1/2/4/2, 491/1/2/4/2 Of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District

14	Machinery details	1.Tractor with compressor (2 Nos) - 160 HP 2.Excavator with breaker - 158 HP 3.Excavator with loader (2 Nos) - 200 HP Total machinery capacity - 518 HP
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2. CONDITIONS AS PER The Water (Prevention and Control of Pollution) Act, 1974

2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the proposal submitted along with the application shall be made functional before commissioning. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

2.2 Water Consumption: 3,500 LPD (FOR WETTING AND DOMESTIC PURPOSE)

2.3 Effluent Generation: 2,800 LPD

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

Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent: SOAK PIT

3. CONDITIONS AS PER The Air (Prevention and Control of Pollution) Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

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

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm ³)
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4. CONDITIONS AS PER The Environment (Protection) Act, 1986.

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

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

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

5. SPECIFIC CONDITIONS

- 5.1. This consent is granted based on the Environmental Clearance NO. 61/Q/2024 for an area of 3.3686 Hectares in Survey Nos 487/1/2/3, 487/1/3/B, 491/1/2/4, 493/1/15/11, 491/1/2/4/2, 491/1/2/4/2 in Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District (Environmental clearance Identification No. EC24B001KL195593 Dated: 16/03/2024). The quarrying shall be done after obtaining all statutory/necessary clearances from concerned authorities and is valid only when all other clearances from other concerned authorities are valid.
- 5.2. For renewal of the consent in case of continuance of operation of the quarry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.
- 5.3. The consent issued from the board is only with respect to the powers vested under the water Act 1974, Air Act 1981 and The Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.
- 5.4. There shall not be any quarrying activity between 6 pm to 6 am
- 5.5. Mining activities shall be done only in the area marked by Mining & Geology.
- 5.6. There shall be a minimum distance of 50 m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc.
- 5.7. The PM10 in ambient air at the boundary shall not exceed 100 microgram/m³
- 5.8. The PM 2.5 in ambient air at the boundary shall not exceed 60 microgram/m³
- 5.9. The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient noise Standard applicable to the adjoining areas.
- 5.10. Conditions given in the Environmental clearance shall be strictly complied with.
- 5.11. Mining shall be only done as per the mining plan attached with EC.
- 5.12. Annual environmental statement shall be submitted on or before 31 st March every year
- 5.13. This consent is issued based on the Judgement dated 25/10/2021 of the Hon'ble Supreme Court in CA No:6273/2021 and connected matters, Order dated 14/12/2021 of Hon'ble Supreme Court in MA. No:1904/2021, Judgement dated 10/11/2021 of Hon'ble High Court of Kerala in WP© 2773/2021 and Judgement dated 10/12/2021 of Hon'ble High Court of Kerala in WP© 27178/2021
- 5.14. This consent is issued subject to any order that may be passed by the Hon'ble Supreme Court or the Hon'ble NGT in the connected matters.

Signature valid

Digitally signed by Sajeesh Joy
Date: 2024.08.30 16:52:59 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER