



LafargeHolcim

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| Reporting Month | May 2021 |
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Monitoring Report for Key Parameters

Ministry of Environment, Forests and Climate Change issued Environment Clearance No. J11015/17/2013/-IA.II (M) dated 28 November 2016 for Enhancement of limestone mining from 2.0 million tonnes per annum (MTPA) to 5.0 MTPA; and J-11015/10/2000-IA.M dated 09 August 2001, 30 July 2002 with partial modification dated 19 April 2010 for 2.0 MTPA of Limestone Mining from Nongtraï Limestone Mine of Lafarge Umiam Mining Pvt Ltd., Phlangkaruh, Village Nongtraï, Tehsil Sohra, District East Khasi Hills, Meghalaya

A) Static Information

| | | |
|---|-----------------------------|--|
| 1 | Mine Location | Phlangkaruh, Nongtraï Village, Sohra Tehsil, East Khasi Hills, Meghalaya |
| 2 | Mine Lease Area | 100 Hectare |
| 3 | Production Capacity | 5.0 million tonnes per annum |
| 4 | Lease Issue Date & Validity | Lease Issue Date : 03 Jan. 2002; Validity : 02 Jan. 2032 |
| 5 | Date of Commencement | 28 March 2003. |



B) Dynamic Parameters:

| I Ambient Air Quality Monitoring Results (microgram/m ³) May Fortnight 1 (I) May Fortnight 2 (II) | | | | | | | | | | | |
|---|-------------------------------------|--|-------------|----------------------|----|--|----|-----------------------|----|----------------------|----|
| Parameters | Monitoring Locations | Monitoring Locations | | | | | | | | | |
| | | HEMM Workshop (Light Section Near ETP) (LA-1) | | Near Magazene (LA-2) | | Near Phlangkaruh Village (Near Barrack 1) (LA-3) | | Pyrkan Village (LA-4) | | Shella Bazaar (LA-5) | |
| | | I | II | I | II | I | II | I | II | I | II |
| 1 | RSPM-PM ₁₀ | 54.20-57.40 | 54.80-57.50 | | | | | | | | |
| 2 | PM 2.5 | 21.50-24.20 | 21.50-22.80 | | | | | | | | |
| 3 | SO ₂ | 5.40-5.80 | 5.20-5.80 | | | | | | | | |
| 4 | NO _x | 6.20-10.50 | 6.30-8.70 | | | | | | | | |
| Not Monitored due to Covid 19 lockdown | | | | | | | | | | | |
| II Vibrations – Peak Particle Velocity (PPV) measured | | | | | | | | | | | |
| 0.556-1.842 mm/sec (monitored at two locations 300 m from blast site) | | | | | | | | | | | |
| III | Wastewater Discharge from workshop | | | | | | | | | | |
| A | Quantity : | 1.1 m ³ /day (monthly average is less due to non-functioning for the reason of Covid 19 pandemic) | | | | | | | | | |
| B | Quality | | | | | | | | | | |
| 1 | pH | Not Monitored due to Covid 19 lockdown | | | | | | | | | |
| 2 | Total Suspended Solids (TSS), mg/l | Not Monitored due to Covid 19 lockdown | | | | | | | | | |
| 3 | Total Dissolved Solid (TDS), mg/l | Not Monitored due to Covid 19 lockdown | | | | | | | | | |
| 4 | Oil and Grease | Not Monitored due to Covid 19 lockdown | | | | | | | | | |
| Note: Five STPs at i) Transit House, ii) Old Camp, ii) Barrack-I, iv) Barrack-II, v) Office area and ETP at work shop remained operational. | | | | | | | | | | | |
| IV | Greenbelt Plantation | | | | | | | | | | |
| 1 | Current Year Plantation (Nos) | May 2021: 0 To date in 2021: 0 | | | | | | | | | |
| 2 | Plantations done in the past (Nos.) | Total as on December 2020: 39379 Numbers. | | | | | | | | | |

Date: 15 June 2021

Signatures: 
Approved by: Atul Wadettiwar
Mine Manager

Lafarge Umiam Mining Private Limited

A company of  LafargeHolcim and  CEMENTOS MOLINS

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