



LafargeHolcim

Reporting Month

Feb 2023

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

Table with 5 rows and 2 columns: 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:

Ambient Air Quality Monitoring Results (microgram/m³) February Fortnight 1 (I) February Fortnight 2 (II)

Table with 12 columns: Parameters, Monitoring Locations (HEMM Workshop, Near Magazene, Near Phlangkaruh Village, Pyrkan Village, Shella Bazaar), and sub-columns for Fortnight 1 and 2. Rows include RSPM-PM10, PM 2.5, SO2, and NOx.

II Vibrations – Peak Particle Velocity (PPV) measured

0.060-1.889 mm/sec (monitored at two locations 300 m from blast site)

Table with 3 columns: III Wastewater Discharge from workshop, A Quantity (2.5 m³/day), B Quality, 1 pH (7.8), 2 Total Suspended Solids (TSS), 3 Total Dissolved Solid (TDS), 4 Oil and Grease (BDL).

Note: Five 6 STPs at i) Transit House, ii) Old Camp, ii) Barrack-I, iv) Barrack-II, v) Office area, vi) New Camp and ETP at work shop remained operational.

Table with 3 columns: IV Greenbelt Plantation, 1 Current Year Plantation (February 2023: Nil, To date in 2023: Nil), 2 Plantations done in the past (Total as on 2022: 42469 Numbers).

Date: 17 March 2023

Signatures:

Approved by: P.V. Phani Krishna Kumar, Mine Manager

Lafarge Umiam Mining Private Limited

A company of LafargeHolcim and MOLINS

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