

**Monthly Mines Environment monitoring report**

Dated: 9<sup>th</sup> Aug. 2017

**ARNIYA JOSHI LIMESTONE MINE, VILLAGE ARNIYA JOSHI, MOTA, SAHBAD**

And

**SRK LIMESTONE MINE, VILLAGE-SITARAM JI KA KHERA**

Of

**M/s NUVOCO VISTAS CORPORATION LTD. (FORMERLY LAFARGE INDIA LIMITED)**

**TEHSIL- NIMBAHERA, DISTRICT- CHITTORGARH (RAJ.)**

**ENVIRONMENT CLEARANCE LETTER NO.:**

- Arniya Joshi Limestone mine-** J-11011/1097/2007-IA (I) dated 23.12.2008 for integrated Cement Plant (Cement 2.6 MTPA, Clinker 1.6 MTPA), Captive Power Plant (25 MW), DG set (5 MW) and Arniya Joshi Limestone mining (2.6 MTPA, 1476.25 ha.).
- SRK Limestone mine-** J-11015/268/2011-IA-II (M) dated 17.09.2014 for Limestone mine with production capacity of 2.6 million TPA (ROM) (602 ha.).

KEY PARAMETERS		
A) Static Information		
1	Mine Lease Area	: Arniya Joshi Limestone Mine- 1476.25 Ha. SRK Mine 602 Ha.
2	Production capacity	: Arniya Joshi Limestone Mine- 2.6 MTPA. SRK Mine 2.6 MTPA.
3	Lease duration	Arniya Joshi Limestone mine-2041. SRK Mine- 2047.
4	Date of Commencement of the work	<b>Arniya Joshi Limestone:-</b> mine- Mining of lime stone at the site commenced after obtaining consent to operate for major mineral mine at near village- Ar niya Joshi, Tehsil- Nimbahera, District- Chittorgarh (Raj.), (ML no.-10/06) from RSPCB vide there <b>letter no. F(Mines)/Chittorgarh (Nimbahera)/3/2009-2010/6673-6678, dated- 26/10/2012.</b>  <b>Sita Ram Ji Ka Khera Limestone mine:-</b> Mining of lime stone at the site site commenced after obtaining consent to operate for major mineral mine at near village- Sita Ram Ji ka Khera, Tehsil- Nimbahera, District- Chittorgarh (Raj.) (ML. No. 9/92) From RSPCB vide their letter no. F (Mines)/Chittorgarh (Nimbahera)/1857(1)/2015-16/156-160. Dated- 15/4/2015.

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

Chittor Cement Plant, Village – Bhawaliya, Tehsil – Nimbahera, Dist. – Chittorgarh. Rajasthan – 312620 (India).

Tel: +91 07727006120 | Websites: www.nuvoco.in | CIN – U26940MH1999PLC118229

Registered Office: Equinox Business Park, Tower-3. East Wing, 4<sup>th</sup> Floor. LBS Road, Kurla (West), Mumbai 400070


**B. Dynamic Parameters- Monitoring data for the month of July'17.**

Pollutants in (µg/m <sup>3</sup> )	RSPCB (Max.)	AAQ (Monthly Average) data	
		Location of Ambient Air Quality Monitoring Stations	
		AAQM data AJ mine	AAQM data SRK mine
Particulate Matter (PM <sub>2.5</sub> )	60	50.93	36.86
Particulate Matter (PM <sub>10</sub> )	100	85.45	66.17
NOx	80	17.87	23.02
SOx	80	9.47	8.42
O <sub>3</sub>	180	7.71	7.71
Pb	1	0.08	0.07
CO	4	BDL	BDL
NH <sub>3</sub>	400	7.86	8.78
C <sub>6</sub> H <sub>6</sub>	5	ND	ND
BaP	1	ND	ND
As	BDL	BDL	BDL
Ni	20	7.96	6.79
Hg	-	ND	ND

**C. Vibration (PPV): 1.83 mm/sec. @30.43 Hz.**

**D. Green belt development /Plantation data.**

No. Of Plants are planted	33020 Plants are planted from 2013 to till July,'17 at AJ Mine & SRK Mine by M/s Nuvovo Vistas Corp. Limited. (Formerly Lafarge India Limited).			
Calendar year wise (Nos).	2013-14	2014-15	2015-16	2016-17
	2016	2245	7183	14906
	2017-18			
	6670			

  
**Ramesh Warke**  
 (Sr. Vice President-CCP)



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