

Monthly Mines Environment monitoring report

Dated: 5<sup>th</sup> July'2018

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.:

1. Arniya Joshi Limestone mine- J-11011/1097/2007-IA (I) dated 23.12.2008 for integrated Cement Plant (Cement 1.6 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.).
2. 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- Arniya Joshi, Tehsil- Nimbahera, District- Chittorgarh (Raj.), (ML no.-10/06) from RSPCB vide there letter no. F (Mines)/Chittorgarh (Nimbahera)/3/2009-2010/6673-6678, dated- 26/10/2012.  <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 June'18

Pollutants in ( $\mu\text{g}/\text{m}^3$ )	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	39.0	38.2
Particulate Matter (PM <sub>10</sub> )	100	73.1	76.1
NO <sub>2</sub>	80	20.9	17.4
SO <sub>2</sub>	80	9.0	7.9
O <sub>3</sub>	180	9.3	10.2
Pb	1	0.14	0.12
CO	4	0.78	0.68
NH <sub>3</sub>	400	7.6	5.0
C <sub>6</sub> H <sub>6</sub>	5	BDL	ND
BaP	1	BDL	ND
As	BDL	BDL	BDL
Ni	20	2.6	BDL
Hg	--	ND	ND

C. Vibration (PPV): 2.04 mm/sec. @30.97 Hz.

D. Green belt development /Plantation data.

No. Of Plants are planted 37974 Plants are planted from 2013 to till Dec.'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			
	11624			

  
Raghavendrarao Jahagirdar  
(Vice President-CCP)

*Mined*

**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