



Monthly Mines Environment monitoring report

Dated: 7th July, 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.:

- 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), DC 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	Arniya Joshi Limestone- 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. Sita Ram Ji Ka Khera Limestone mine- 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 - U26940MH1999PLC118279

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

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

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 _{2.5})	60	48.12	38.15
Particulate Matter (PM ₁₀)	100	76.45	67.64
NO _x	80	19.71	23.46
SO _x	80	7.96	8.82
O ₃	180	7.47	7.24
Pb	1	0.08	0.07
CO	4	BDL	BDL
NH ₃	400	6.49	7.24
C ₆ H ₆	5	ND	ND
BaP	1	ND	ND
As	BDL	BDL	BDL
Ni	20	6.88	7.85
Hg	--	ND	ND

C. Vibration (PPV): 1.65 mm/sec. @29.38 Hz.

D. Green belt development /Plantation data.

No. Of Plants are planted	26350 Plants are planted from 2013 to till March.'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

Ramesh Warke
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 (Vice President-CCP)

Manisha