

**Monthly Mines Environment monitoring report**

Dated: 8<sup>th</sup> Dec' 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.:**

- 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.).
- 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		
<b>A) Static Information</b>		
<b>1</b>	<b>Mine Lease Area</b>	: Arniya Joshi Limestone Mine- 1476.25 Ha. SRK Mine 602 Ha.
<b>2</b>	<b>Production capacity</b>	: Arniya Joshi Limestone Mine- 2.6 MTPA. SRK Mine 2.6 MTPA.
<b>3</b>	<b>Lease duration</b>	Arniya Joshi Limestone mine-2041. SRK Mine- 2047.
<b>4</b>	<b>Date of Commencement of the work</b>	<p><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 <b>letter no. F (Mines)/Chittorgarh (Nimbahera)/3/2009-2010/6673-6678</b>, dated- 26/10/2012.</p> <p><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. <b>F (Mines)/Chittorgarh (Nimbahera)/1857(1)/2015-16/156-160</b>. Dated- 15/4/2015.</p>

## B. Dynamic Parameters- Monitoring data for the month of Nov'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	30.1	37.4
Particulate Matter (PM <sub>10</sub> )	100	58.6	75.1
NO <sub>2</sub>	80	17.3	17.6
SO <sub>2</sub>	80	7.0	9.6
O <sub>3</sub>	180	6.8	8.8
Pb	1	0.07	0.13
CO	4	0.61	0.65
NH <sub>3</sub>	400	4.8	5.1
C <sub>6</sub> H <sub>6</sub>	5	BDL	BDL
BaP	1	BDL	BDL
As	6	BDL	BDL
Ni	20	1.7	3.4

## C. Vibration (PPV): 3.6 mm/sec. @ 25.54 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	Jan'18 to Nov'18		
	11624	10764		

  
 Raghavendrarao Jahagirdar  
 (Vice President-CCP)

### Nuvoco Vistas Corp. Ltd.

(formerly Lafarge India Limited)

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