

**SONADIH LIMESTONE MINE OF M/S LAFARGE INDIA LTD**

**VILLAGE RASEDA ,DISTT.- BALODA BAZAR BHATAPARA, CHHATTISGARH**

Environment clearance Letter No. J11015/03/2003- IA,II(M) GOI, MoEF dated 9/7/2004 for production of 2.3 MTPA & J-11015/387/2007- IA. II(M) , dated 6/9/2007 for Sonadih Limestone mine (ML area: 444.763 ha and increase in production capacity of limestone from 2.30 MTPA to 5.5 MTPA within existing mine lease area)

<b>KEY PARAMETERS</b>									
<b>A) STATIC INFORMATION-</b>									
1	MINE LEASE AREA	:	444.763 HECT.						
2	PRODUCTION	:	5.5 MTPA						
3	LEASE DURATION	:	2026						
4	DATE OF COMMENCEMENT OF WORK	:	MINES OPERATED SINCE 1993 (MINING HAS STARTED FROM 29 <sup>TH</sup> SEPT'2009 FOR ENHANCE PRODUCTION CAPACITY (5.5 MTPA)						
<b>B) DYNAMIC PARAMETERS – Monitoring data for July 2016</b>									
<b>(i) Ambient Air Quality (Results in microgram/M<sup>3</sup>)</b>									
Ambient Air Quality Monitoring Station									
	Parameters	Near River Pump House		Near Limestone Dump Hopper		Near Mine office		Towards Sonadih village	
		I	II	I	II	I	II	I	II
1	SPM	141	147	170	152	146	129	139	117
2	RSPM	29	25	40	31	34	28	30	26
3	NOx	12.88	12.29	14.01	14	10.30	12.48	13.49	10.56
<b>(ii) Vibration (PPV) : 1.75 - 5.91 mm/sec (at the distance of 300 mtr from blast site)</b>									
<b>(iii) Quality of Discharge Water : Zero water discharge from Mines</b>									
1	Total Dissolved Solid (TDS)	:	-						
2	Dissolved Oxygen(DO)	:	-						
3	p <sup>H</sup>	:	-						
4	Total Suspended solids (TSS)	:	-						
<b>(iv) Greenbelt / Plantation</b>									
1	Nos of Trees planted till date	:	More than 5.5 Lakhs around Plant, Colony & Mines						
2	Calendar year wise (Nos)	:	2013	2014	2015	2016 (Plan)			
			12000	20000	15000	8000			

  
Sanjay Joshi  
Sr. Vice President