

**TATA CHEMICALS LIMITED - LIME STONE MINE LEASE INFORMATION**

Information / Details as per condition no XIV of Environmental Clearance received from Ministry of Environment, Forest and Climate Change and MoEFCC Circular No : J-20012/1/2006-IA.II (M) dated 27-05-2009

Sr. No	Location - Name of Village	Survey Number	Taluka	District	State	Environmental Clearance letter no	Date of Environmental Clearance Granted
A	Aniali	207/Part	Ranavav	Porbandar	Gujarat	J-11015/304/2012-IA.II(M)	27 <sup>th</sup> July 2015
B	Aniali	207/Part	Ranavav	Porbandar	Gujarat	J-11015/308/2012-IA.II(M)	27 <sup>th</sup> July 2015
C	Aniali	207/Part	Ranavav	Porbandar	Gujarat	J-11015/309/2012-IA.II(M)	27 <sup>th</sup> July 2015
D	Ranavav	78/Part	Ranavav	Porbandar	Gujarat	J-11015/306/2012-IA.II(M)	27 <sup>th</sup> July 2015

Key Definitions (As per MoEFCC Circular No : J-20012/1/2006-IA.II (M) dated 27-05-2009)		KEY PARAMETERS MONITORING DETAILS				
<b>1) Ambient Air Quality Monitoring :</b> A) Particulate Matter - PM <sub>10</sub> Size less than 10 micrometer B) Particulate Matter - PM <sub>2.5</sub> Size Less than 2.5 micrometer C) Oxides of Nitrogen - NOx  <b>2) Vibration :</b> Peak particulate velocity at 300 m distance or within the nearest habitation, whichever is closer, for opencast mine using large diameter hole blasting (100 mm and above)  <b>3) Quality of Waste Water :</b> TDS,DO,pH, Total suspended solids (TSS), Cr+6 (Only for chromite mine)  <b>4) Green Belt / Plantation :</b> Number of Trees Planted, Calander Year wise (Progressive) and Area covered		PART - 1		Static Information		
		Sr. No	Mine	Lease Area in Ha	Production Capacity in Million Tons/Annum (ROM)	Lease Duration
1	Aniali (12.27 Ha)	12.27	0.014	31.03.2030	3/1/2017	
2	Aniali (16.21 Ha)	16.21	0.088	31.03.2030	3/1/2017	
3	Aniali (21.04 Ha)	21.04	0.043	31.03.2030	3/1/2017	
4	Ranavav Govalani - (25.45 Ha)	25.45	0.110	31.03.2030	To be started.	

PART 2		Dynamic Parameters											
Sr. No	Mine	Ambient Air Quality - Jan 2017 To March 2017			Vibration		Plantation			Discharge water Quality - Jan 2017 To March 2017			
		PM 2.5 in µg/M <sup>3</sup>	PM 10 in µg/M <sup>3</sup>	NOx µg/M <sup>3</sup>	Date of Measurement	Peak Particulate Velocity in mm/s	Year	No of Plants Planted	Area in Ha	TDS in ppm	DO in ppm	pH	Total Suspended Solids (TSS) in ppm
1	Aniali (12.27 Ha)	17	40	14	27.04.2017	4.8	2015	Nil	Nil	There is no discharge of waste water from mine lease operations			
							2016	Nil	Nil				
							2017	Nil	Nil				
2	Aniali (16.21 Ha)	15	40	13	Nil	Nil - Production is not Started.	2015	Nil	Nil	There is no discharge of waste water from mine lease operations			
							2016	Nil	Nil				
							2017	Nil	Nil				
3	Aniali (21.04 Ha)	17	48	13	Nil	Nil - Production is not Started.	2015	Nil	Nil	There is no discharge of waste water from mine lease operations			
							2016	Nil	Nil				
							2017	Nil	Nil				
4	Ranavav Govalani - (25.45 Ha)	18	46	12	Nil	Nil - Production is not Started.	2015	Nil	Nil	There is no discharge of waste water from mine lease operations			
							2016	Nil	Nil				
							2017	Nil	Nil				