



Date: 15/02/2017

To,
The Member Secretary
Goa State Pollution Control Board
EDC, Patto Plaza
Panjim, Goa -403001

Subject: Compliance of Consent conditions of Sarmanas Barge Loading Jetty Pilgao Village Bicholim Taluka for the month of January 2016.

Ref: Consent to Operate No. 5/3244/07-PCB/14073 dated 16/02/2015

With reference to the condition in Consent to Operate and Authorization granted to Sarmanas Barge loading jetty, we have enclosed herewith the Air and Water Analysis Report for the Month of **January 2016**.

Thanking you,

Yours faithfully,

For Sesa Mining Corporation Limited,

Jagdish Desai
Manager-Environment



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M/s Sesa Environment Laboratory

Vedanta Limited ,Mining Division ,Codli Mines,P.O. Kirlapale ,Goa-403727

Recognised by Ministry of Environment, Forests and Climate change, Govt. of India Vide Notification .S.O.137(E).
dated 12th January 2015 , Valid up to 11.01.2020

* Certified by ISO 9001:2008 and OHSAS 18001:2007

Ambient Air Quality Monitoring Report

Location Name: Sarmanas Jetty


Instruments used: Respirable Dust Sampler 460NL

Calibration date: 28.09.2016

Validity of calibration :27.09.2017

Standard method used for analysis: Particulate Matter Gravimetric method

Monitoring Date	Particulate Matter 24 hourly	Emission Standards
05.01.2017	218	1200 µg/m ³
12.01.2017	205	
14.01.2017	327	
16.01.2017	233	
18.01.2017	281	
25.01.2017	222	
28.01.2017	252	
31.01.2017	281	


Govt. Analyst




Laboratory Incharge

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Ambient Air Quality Monitoring Report

Name: Sarmanas Jetty

Instruments used: Fine Particulate Sampler APM550 MFC, Respirable Dust Sampler

Calibration date: 28.09.2016

Validity of calibration :27.09.2017

Standard method used for analysis: PM10 & PM2.5 - Gravimetric method

SO2 - Improved west & Gaeke

NOx - Modified Jacob & Hoccheiser

Monitoring Date	PM _{2.5} in µg/m ³ (24 hourly)	PM ₁₀ in µg/m ³ (24 hourly)	PM _{2.5} in µg/m ³ (24 hourly)	PM ₁₀ in µg/m ³ (24 hourly)
Location Name : House of shantaram morajkar		Location Name :Pilgao Village		
02.01.2017	26	90	33	63
05.01.2017	33	73	44	72
12.01.2017	47	91	21	51
14.01.2017	26	92	29	62
16.01.2017	29	95	32	55
18.01.2017	40	95	36	64
25.01.2017	27	76	37	51
28.01.2017	22	93	25	54
31.01.2017	33	91	25	61

NAAQS Limits: PM_{2.5}.60 µg/m³ PM₁₀.100 µg/m³


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