



Date: 13/03/2017

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 February 2017.

Ref: Consent to Operate No. 5/3244/07-PCB/CI-2569 dated 17/02/2017

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 **February 2017**.

Thanking you,

Yours faithfully,

For **Sesa Mining Corporation Limited**,

Jagdish Desai
Manager-Environment



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
02.02.2017	300	1200 µg/m ³
06.02.2017	200	
10.02.2017	420	
13.02.2017	360	
15.02.2017	298	
20.02.2017	341	
24.02.2017	269	
27.02.2017	363	


Govt. Analyst




Laboratory Incharge

M/s Sesa Environment Laboratory

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

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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	
02.02.2017	37	60	30	70
06.02.2017	46	54	12	33
10.02.2017	56	76	29	55
13.02.2017	41	74	31	58
15.02.2017	43	70	19	44
20.02.2017	38	69	25	50
24.02.2017	49	78	25	67
27.02.2017	48	68	33	67

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


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