

Ref: SRL/2016/CU-ECC-2

Date: 23.11.2016

✓ To,
The Additional Director (South)
Ministry of Environment and Forest
Regional Office (Southern Zone)
Kendriya Sadan, IVth Floor, E & F Wings
17th Main Road, II Block, Kormangala
Bangalore – 560 034

Sub: Six monthly compliance report of Curpem Iron Ore Mine (T.C. No. 3 Of 1951 & 40 of 1954), Goa for the period April 2016 to September 2016.

Respected Sir,

We are herewith submitting the condition wise compliance report along with the Annexures as per the conditions laid down in the Environmental Clearance Letter No. J-11015/155 /2005-IA-II (M) dated 17/11/2005 for the period **April 2016 to September 2016.**

We would also like to inform your good office that even though the mining ban has been lifted by the Supreme Court judgment on 21.04.2014, mining operations remain to be temporarily discontinued since September 2012 hence the desired Environment Monitoring will resume once the mining operations start.

However we would like to intimate you that we are carrying out adequate environment protective measures on the mine as a part of monsoon preparatory activities and there have been no mining operation for the said period.

Thanking you,

Yours faithfully,



Mr. Prakash Chandra
Mines Manager
Curpem Mine

Enclosed: Six monthly compliance report & CD for the same of Curpem Iron Ore Mine for the period April 2016 to September 2016.

C.C: 1. Member Secretary, Goa State Pollution Control Board

Sesa Resources Ltd.

T +91-832 246 0600 F +91-832 246 0690 | Website: www.vedantalimited.com
Registered Office: Sesa Ghor, 20 EDC Complex, Patto, Panaji (Goa) - 403 001
CIN No.: U13209GA1965PLC000030

Date: 23.11.2016

To,

The Regional Director
CGWB, 27th Main, Sector 1,
7th Cross Rd, HSR Layout 5th Sector,
Bangalore, Karnataka

Sub: Ground Water Monitoring as per Environment Clearance Condition for Curpem Iron Ore Mine (T.C. No. 3 of 1951 & 40 of 1954), Goa for the period April 2016 to September 2016.

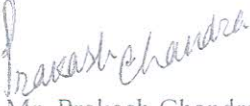
Ref.: Letter No. J-11015/155 /2005-IA-II (M) dated 17/11/2005

Respected Sir,

With reference to the condition laid down in the Environment Clearance Letter as mentioned above, we would like to inform your good office that even though the mining ban has been lifted by the Supreme Court judgment dated 21.04.2014, mining operations at Curpem Iron ore Mine remain to be temporarily discontinued hence the desired Ground Water Monitoring will resume once the mining operations start.

Thanking you,

Yours faithfully,


Mr. Prakash Chandra
Mines Manager
Curpem Mine

✓ CC - I.M&EFC

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Compliance report to conditions of environmental clearance issued by			
Ministry of Environment & Forests, Govt. of India, for Curpem Iron Ore Mine (T.C. No. 3 of 1951 & 40 of 1954)			
Letter No. J-11015/155/2005-IA.II(M)			
Production: 0.2 MTPA as per Environment clearance, however the current production limit is 0.09 MTPA as per capping imposed by state govt.			
Period - April 2016- September 2016			
S. No	Condition of clearance	Status of compliance	Remarks
A.	Specific Conditions		
(i)	The environmental clearance is accorded only for two years during which period detailed hydrogeological study (quality and quantity) on impact of mining on hydrogeology (pre-monsoon, monsoon and post-monsoon) shall be carried out and the report submitted to Ministry.	Hydro geological report was prepared and submitted to MoEF and based on the same extension of validity EC was granted vide letter No. J-11015/155/2005-IA-II(M) dated 02.01.2008	
(ii)	Prior approval of the Chief Wildlife Warden, Government of Goa shall be obtained for mining at distance of 3 km from Netravali Wildlife Sanctuary.	The provisions of wild life protection Act is not applicable as the mines falls out of ecosensitive zones notified by MoEF for the state of Goa.	
(iii)	No dumping of OB where natural slopes already exceeding 28° angle.	Dumping is not carried out on land having natural slope exceeding 28°. Dumping is carried out as per the IBM approved Mining Plan. There is only one dump covering an area of 12.1 ha area; out of which 2.3 ha is afforested. The average height of dump is around 20m (2 steps)	Mining operations have not resumed.

(iv)	<p>Top soil should be stacked properly with adequate measures at earmarked sites. It should be used for reclamation and rehabilitation' of the mined out areas.</p>	<p>The mine lease is situated on a laterite plateau and there is no top soil available with the current working area. However any top soil encountered during future working/ development will be preserved and used for reclamation and rehabilitation.</p>	
(v)	<p>OB and other wastes should be stacked at earmarked sites only and should not be kept active for long periods of time. Plantation should be taken up for soil stabilization along the slopes of the dump and terraced after every 5-6 m of height and overall slope angle shall be maintained not exceeding 28°. Sedimentation pits shall be constructed at the corners of the garland drains. Retention/Toe walls shall be provided at the base of the dumps.</p>	<p>OB and other waste are stacked at the earmarked site as per approved mining plan. Step dumping method is adopted. Finalized portions of the dump slopes are covered with geotextiles and then afforested. Garland drains are provided to channelize the water in the mine pit. All the mine runoff water is channelized through garland drains and pipes into the mine pit. Rock walls and settling ponds are constructed at the toe of the dump. Rainfall data is considered while designing and constructing settling ponds. The settling ponds are desilted every year before the onset of monsoons.</p>	<p>Mining operations have not resumed.</p> <p>Attached list of plant saplings planted as Annexure 03</p>

