



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh
Government of India

Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.

REGD. POST WITH ACK. DUE

Order No. SEIAA/AP/VZM-04/2007-

Dt: 26.03.2013.

Sub: SEIAA, A.P. - Karlam Manganese Mine of M/s. S.K. Sarawagi & Co. (P) Ltd.,
Sy. No. 278, 279 & 281, Karlam (V), Chipurupalli (M), Vizianagaram District -
Environmental Clearance - Issued - Reg.

I. This has reference to your application submitted vide Ir. dt. 22.10.2007 & subsequent Ir. dt. 03.12.2007, 09.02.2008 in this regard seeking Ex-Post Facto Environmental Clearance for the Manganese Mine in the name of Karlam Manganese Mine of M/s. S.K. Sarawagi & Co. (P) Ltd., Sy. No. 278, 279 & 281, Karlam (V), Chipurupalli (M), Vizianagaram District. The application was examined by the State Level Expert Appraisal Committee (SEAC) in its meetings held on 18.12.2007, 27.03.2008, 29.04.2008 and by the State Level Environment Impact Assessment Authority (SEIAA), in its meetings held on 09.04.2008 & 14.05.2008. After careful consideration of the proposal, it was decided to seek clarification from the MoE&F, GOI regarding processing of applications of Post Facto EC; and to return the application. Accordingly, a letter dt. 19.05.2008 was addressed to the MoE&F, GOI, New Delhi seeking clarification; and also returned the application vide Ir. dt. 16.05.2008. Subsequently, the proponent again submitted application vide Ir. dt. 03.04.2009 & subsequent Ir. dt. 02.07.2012, 07.09.2012, in this regard seeking Environmental Clearance to the project. It was reported that the nearest human habitation viz., Karlam (V) exists at a distance of about 1.5 km from the mine lease area. It was noted that the capital investment of the project is Rs. 20.0 Lakhs and capacity of the project is as follows:

Mining of Manganese: 1,500 TPA

- II. It is an opencast mine. After breaking the mineral into required size by drilling and blasting, it is directly loaded into the trucks. No beneficiation of the ore / mineral is proposed. It is reported that the life of the Mine is estimated as 27 years. The total mine lease area is 17.63 Ha.
- III. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on 30.05.2009, 30.07.2009, 29.10.2011, 09.02.2012, 31.07.2012 & 16.10.2012. The Sub-committees constituted by the SEAC inspected the site on 05.07.2009 & 26.12.2011, and submitted the reports. The project is exempted from the process of public hearing as the mining lease area is less than 25 Ha., in accordance with the guidelines approved by the SEIAA, AP for processing the applications of mining projects. Based on the information furnished, O.M. dt. 16.11.2010 issued by MoE&F, GOI, presentation made by the proponent and the consultants M/s. Pragathi Labs & Consultants Pvt. Ltd., Secunderabad & M/s. Pioneer Enviro Laboratories & Consultants, Hyderabad; inspection reports of the Sub-Committee; the Committee considered the project and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA), in its meetings held on 08.06.2009, 21.11.2012 examined the proposal and the recommendations of SEAC and decided to issue Environmental Clearance subject to submission of commitment by the proponent. The proponent vide Ir. dt. 13.12.2012 submitted a commitment (Affidavit cum Declaration) in compliance with O.M. dt. 16.11.2010 issued by MoE&F, GOI, New Delhi. The SEIAA in its meeting held on 22.12.2012 examined the information submitted by the proponent and decided to issue EC. The SEIAA, A.P hereby accords Environmental Clearance to the project as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

- iv. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.
- v. Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.

c) Solid Waste :-

- i. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.
- ii. The following measures are to be adopted to control erosion of dumps:-
 - Retention/toe walls shall be provided at the foot of the dumps.
 - Worked out slopes are to be stabilized by planting appropriate shrub/grass species on the slopes.
- iii. Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous Wastes (Management, Handling, and transboundary movement) Rules, 2008 and its amendments thereof to the recyclers authorized by APPCB.

B. General Conditions:

- i. This order is valid for a period of 20 years OR the expiry date of mine lease period issued by the Government of A.P., whichever is earlier. It was reported that the life of the mine is 27 years.
- ii. "Consent for Establishment" & "Consent for Operation" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act to carry on mining.
- iii. No change in mining technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, AP/ MoE&F, GoI, New Delhi, as applicable.
- iv. The half-yearly compliance reports in respect of the terms and conditions stipulated in this order & monitoring reports shall be uploaded in the website of the project periodically. It shall simultaneously be submitted in hard and soft copies to the SEIAA and Ministry's Regional office, Bangalore on 1st June and 1st December of each calendar year.
- v. Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoE&F, Bangalore.
- vi. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- vii. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.

- xxi. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Sd/-
MEMBER SECRETARY,
SEIAA, A.P.

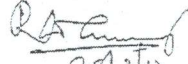
Sd/-
MEMBER,
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To

Sri M.P. Sarawagi, MD,
M/s. S.K. Sarawagi & Co. (P) Ltd.,
(Kariam Manganese Mine),
Sarawagi House, Kaspas Street,
Chipurupalli (PO),
Vizianagaram District - 535 128.

//T.C.F.B.O//



Jt. Chief Environmental Engineer (Unit Head-I)