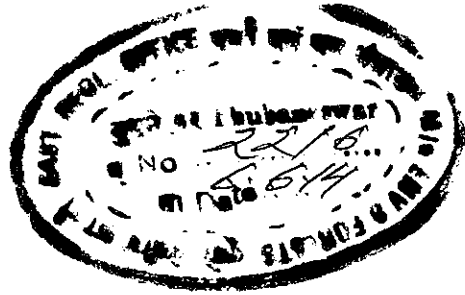


Env



103-404

To,
Mr. M.R.Prasad,
Research Officer, MOEF,
Government of India,
Eastern Regional Office,
A/3 Chandrasekharpur,
Bhubaneswar-751023.



Ref. No.- JMB/115/ 001139 /2014

Dated- 22/5/14

Sub: Half Yearly Compliance Report of the conditions of Environmental Clearance issued by Govt. Of India, Ministry of Environment & Forest, New Delhi, for the Lagla Mahal Sand Lease of M/s-Tata Steel Limited for the period October'13 to March'14

Dear Sir,

We are enclosing herewith compliance report for the EC granted vide letter no.- J-11015/426/2008-IA.II (M), Dated-27th February,2013 issued by Govt. of India, Ministry of Environment & Forest, New Delhi. This is for your kind perusal.

Thanking you,

Yours faithfully,

Saujay
General Manager (Jharia)
Email I.D.- skumar.singh@tatasteel.com

Encl: As above.

P. 1
05/06/14

M.R.P.
6/6
5/6

R. K. S.
06-06-14

J. S.
5/6/14

TATA STEEL LIMITED

Jharia Collieries Jamadoba 828 112 Dhanbad India
Tel 91 326 2320263/2320265/2320267 Fax 91 326 2320268
Regd. Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001
Tel 91 22 66658282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

HALF YEARLY COMPLIANCE REPORT
(PERIOD: OCTOBER'13-MARCH'14)

LAGLA MAHAL SAND LEASE,



TATA STEEL LIMITED, JHARIA DIVISION
P.O.- JAMADOBA, DIST. - DHANBAD,
STATE- JHARKHAND, PIN CODE – 828112.

**ENVIRONMENTAL CLEARANCE GRANTED VIDE LETTER NO. - J-11015/426/2008-
IA.II(M) DATED- 27TH FEBRUARY 2013 ISSUED BY GOVT. OF INDIA, MINISTRY OF
ENVIRONMENT & FOREST, NEW DELHI.**

- (vii) The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydrogeological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing well and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out .
- **It will be complied as soon as mining operation is undertaken and report to be submitted to various agencies as stated above.**
- (viii) The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite of water (surface water and groundwater), if any, required for the project.
- **No water is required for the operation of project. Drinking water is required by the workers which is arranged by the company.**
- (ix) Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
- **Adequate monitoring of the health of the vehicles used for transportation of sand will be ensured to avoid any oil & grease leakage. Higher capacity trucks will be deployed.**
- (x) Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- **The vehicles used will be regularly checked and maintained. All vehicles would have pollution-control certificates. Transportation of sand is always done via tarpaulin-covered trucks which are optimally loaded.**
- (xi) No drilling and blasting operation shall be carried out.
- **Not applicable**
- (xii) Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.

B. GENERAL CONDITIONS:

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and forests.
- **It will be complied with.**
- (ii) No change in the calendar plan including excavation, quantum of sand from river bed and waste should be made.
- **It will be complied with.**
- (iii) Conservation measures for protection of flora and fauna in the core & buffer zone should be drawn up in consultation with the local forest and wildlife department and effectively implemented.
- **No rare species are found in the area.**
- (iv) At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM₁₀) and NO_x monitoring. Location of 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.
- **4(Four) stations will be established for monitoring purpose with consultation with SPCB. However, it lies in the buffer zone of our coal mines where regular monitoring work is already being carried.**
- (v) Data on ambient air quality [(RSPM(Particulate matter with size less than 10micron i.e., PM₁₀) and NO_x] should be regularly submitted to the Ministry including its regional office at Bhubaneswar and to the State Pollution Control Board/ Central Pollution Control Board once in six months.
- **It will be complied with.**
- (vi) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- **Water spraying is done through tankers. Dust control arrangements will be installed at transfer points. The roads within the lease area will be made concrete.**
- (vii) Measures should be taken for control of noise levels below 85 dBA in work Environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.

(xiv) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environment clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the MoEF, its Regional Office Bhubaneswar, the respective zonal office of CPCB and the SPCB. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF, Bhubaneswar, the respective Zonal Officer of CPCB and the SPCB.

→ **It will be complied with.**

(xv) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

→ **It has been done.**

(xvi) The State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and the Collector's Office / Tehsildar's Office for 30 days.

→ **To be done by SPCB.**

(xvii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and also be sent to the respective Regional Office of the Ministry on Environment and Forests, Bhubaneswar by e-mail.

→ **It will be submitted after the project starts.**

(xiii) The project authorities should advertise at least in two local newspapers of the District or State in which the project is located and widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhubaneswar.

→ **It has been done and copies sent to regional office at Bhubaneswar.**