



**State Level Environment Impact Assessment Authority, Jharkhand.**

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Ranchi, Date: 31/12/2015

To: **Sri Shubhanand Mukesh,**  
**(Head Environmental Management),**  
**M/s Tata Steel Limited,**  
**Main Steel Works, Jamshedpur,**  
**Jharkhand – 831001.**

**Sub.:** Environmental Clearance for the project “**Integrated Municipal Solid Waste Management Facility of M/s TATA Steel Ltd (TSL) at Village Barasai alias Rangamatiya, Tehsil Potka, District East Singhbhum, Jharkhand**”.

Sir,

It is in reference to the project “Integrated Municipal Solid Waste Management Facility of M/s TATA Steel Ltd (TSL) at Village Barasai alias Rangamatiya, Tehsil Potka, District East Singhbhum, Jharkhand.” submitted by you for seeking prior Environmental Clearances (EC).

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 18<sup>th</sup> to 24<sup>th</sup> December, 2015.

Jamshedpur is one of the oldest township and is considered as the largest existing industrial town in India. A major part of the city is under the Tata Steel lease and all the civic and allied services are provided by TSL under the lease agreement with Govt. of Jharkhand. Over all area under TATA Steels Ltd. is 64 Sq. Km, with a Population of 7 Lacs. In alignment with MSW Rules 2000, the estimated MSW generated from this township is 350 TPD. TATA Steel Ltd. has done due diligence in deciding on a single land unit for 28.68 acres at Rangamatiya Village, Tehsil - Potaka of East Singhbhum District in Jharkhand, approximately 22 kilometres from Jamshedpur city, for MSW Treatment and Landfill site development. The site is bounded by Latitude: 22° 37' 47" N & Longitude: 86° 10' 56" E. This site fulfils all the criteria of siting as per MSW (M&H) Rules 2000. TSL intends to develop an Integrated Municipal Solid Waste Management System, which would include modernized collection, transportation and development of a treatment and disposal facility. The project will take 24 months for completion and will be put into effect by Dec 2017 and the estimated budget allocated is 3589.17 lakhs.

The municipal solid waste will be collected through compactors then transported Processing site. After processing the inerts will be disposed into Sanitary landfill followed by capping.

The proposed project will include processing, composting, ancillary facilities and sanitary landfill which will be accommodated in 28.68 acres of land. Sanitary landfill, leachate treatment plant area and processing area will be in 16.38 acre, 3.0 acre and 0.3 acre respectively and the remaining will be covered by ancillary facilities like other suitable processing technologies, green belt development area and rain water harvesting area etc.

The total water requirement will be 80m<sup>3</sup>/day during operational stage which will be met through ground water sources and rain water harvesting structures.

