



Secretary to the Government of India
Ministry of Environment and Forests
Paryavaran Bhawan
CGO Complex
Lodhi Road
New Delhi- 110003

Ref:TSLDEL/212/12/100/2013
10th July 2013

Kind Attn: Dr.M.Hota

Dear Sir,

**Reg: Environmental Clearance for Digwadih Colliery of M/s.Tata Steel Limited
for Expansion of Production of 0.6 mt per annum**

File Ref: J-11015/372/2010-IA.II(M)

This has reference to the Minutes of the Expert Appraisal Meeting(uploaded on the Ministry's website) of the 71st Expert Appraisal Committee held on 8th and 9th April 2013, for the above-mentioned subject.

We have gone through the Minutes of the Meeting and are giving below pointwise clarification against the conditions included by EAC under point No. 71.5.3 of the Minutes of the Meeting, while recommending our proposal for Environment Clearance:

- i. The impact on the Damodar river due to mining activity through a reputed 3rd Party which is at a distance of 2 km be studied and submitted to the SPCB and the regional office of the MoEF for monitoring.**

The underground coal mines operated by Tata Steel Ltd are located at a distance of 3 kms from the Damodar River. Other coal mines of BCCL, SAIL are also in close proximity to the river basin. Hence, there is a cumulative impact on the river due to the mining activity carried out in the Jharia coalfield.

We have undertaken a project to determine the impact of mining activity on the Damodar river. The reputed organisation, Indian School of Mines, Dhanbad has been approached for conducting the study and suggest measures.

As per the technical discussions held with ISM, Dhanbad, the following road map has been drawn. The entire work will be completed within 3-4 months.

- a) Sample collection from all the discharge points in the leasehold area, including mine water discharge, colony discharge, etc. which ultimately reaches to the Damodar river.
- b) Sample collection from downstream and upstream portion of Damodar river.
- c) Determination of other sources of water coming from outside the influence zone.
- d) Environmental impact of adjoining mines will also be studied to determine the cumulative impact.
- e) Analysis of samples and preparation of report.

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- f) Proposing the preventive/ corrective measures to be adopted.
- g) Formulate Management Plan to implement the measures.

The study is being conducted and the report would be submitted to SPCB and the Regional Office of MoEF for monitoring.

ii. Details of underground transportation of coal from mine to coal yard/rail yard be submitted to the MoEF for record.

Line diagram of underground transportation (Conveyor belt network) is enclosed as Annexure-I.

iii. Adequate care be taken to prevent SAND spillages from the TRUCKS/TIPPERS.

Precautions are being taken to prevent sand spillages from the Trucks/Tippers. Some of the measures that have been implemented are as follows:

- Covered truck movement and no overloading of sand.
- Trucks, with age > 5 years, are not allowed to ply.
- Bigger trucks have been engaged for reducing no. of cycles.
- Quality checks done on trucks to ensure its health.
- Punitive Action against defaulters.

iv. The test results of the study of leaching of heavy metals from bottom-ash be submitted to SPCB and the regional office of the MoEF for monitoring.

Study of Leaching of heavy metals from bottom-ash is being conducted and the report of the same would be submitted to SPCB and the regional office of the MoEF for monitoring.

v. The CSR activities shall be need based and details CSR plan be prepared for implementation.

CSR activities are being planned based on the needs of the people and break up of CSR activities and expenditure planned for FY '14 is attached as annexure-II.

vi. The detailed breakup of funds during 2012-13 be submitted to the MoEF for record. Social audit to be got done annually by a reputed institute and uploaded on the company's website.

The Corporate Sustainability Reports are made annually for the company which is certified by an assurance agency. It also includes the Social Audit of the company. All the reports are uploaded on the Tata Steel website



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Further, an internal Social audit is also conducted once in a decade. The next audit is scheduled this year and will be completed in 6-9 months.


We have also recently concluded a HDI (Human Development Index) survey of surrounding villages with the help of XLRI, Jamshedpur. It covers the Iron ore and coal divisions of Tata Steel i.e. Noamundi, Jamadoba and West Bokaro.

The detailed breakup of funds during 2012-13 is enclosed as annexure-III

In view of the above, we would now request you to kindly process our application for grant of Environment Clearance

Thanking you,

Yours faithfully,


(Chanakya Chaudhary) 15/7/13
Chief Resident Executive, Delhi
Encl:a/a

Breakup of CSR budget FY14

Sl No.	Description	Expenditure in lakhs
i)	Administrative expenses including Salary and Wages, etc.	13.16
ii)	Rural Sanitation	35.65
iii)	Infrastructure Development	87.92
iv)	Drinking water project	109.40
v)	Providing health care services to the community- a) Regular Mobile Medical Camps and Mobile Homeopathy Camps b) DOT Management c) Eye Care Services d) Health Awareness Programme	9.56
vi)	Sports and games including- a) Organising Inter-village football tournaments b) Annual Athletics Championship c) Annual Archery Championship d) Feeder centres for providing training in football & cricket e) Sports activities.	18.00
vii)	Capacity building/ SHG activities	11.00
viii)	Agricultural extension including- a) Construction of irrigation drains b) Pond renovation c) Provision of lift irrigation projects, agricultural equipment, paddy, wheat and potato seeds to farmers, etc.	76.67
ix)	Other Income generation programme	31.15
x)	Youth Development	7.40
xi)	Education including Fellowships, Coaching classes and literacy classes for adults	30.21
xii)	Disability Care Management for Leprosy Patients (SPARSH) Support for Reconstructive Surgeries, Support for MCR protective footwear, Support for Aid and Appliances, Socio-economic rehabilitation of leprosy patients and Support for IEC activities.	36.75
xiii)	MANSI (Project on Maternal and New Born Survival Initiative	3.00
xiv)	RISHTA (Project on Adolescents' Reproductive and Sexual Health)	10.40
xv)	Plantation activities in leasehold areas. Distribution of fruit plants on occasion of World Environment Day	9.50
xvi)	Activities like filling up of low-lying lands, Parks & Garden maintenance; Water spraying in the leasehold areas.	17.00
	TOTAL	507



Annexure-I

EXPENDITURE DONE IN CSR ACTIVITIES IN JHARIA DIVISION FOR FY 2012-13:

Sl No.	Description	Expenditure in lakhs
i)	Administrative expenses including Salary and Wages, etc.	56.19
ii)	Rural Sanitation	15.10
iii)	Infrastructure Development including- a) 345 Solar street lights provided in all 39 leasehold villages. b) Const./renovation of community centres, Providing drinking and mine water to 12 villages, Cont. of PCC roads, electrification in villages etc.	83.66 79.14
iv)	Infant and maternal healthcare including PNC & ANC checkup, Immunization of mother and Infants, Specialised Gynaecology Camp, Specialised Paediatric Camps, Family planning initiatives done by Tata Central Hospital, etc	4.05
v)	Providing health care services to the community- a) Regular Mobile Medical Camps and Mobile Homeopathy Camps b) DOT Management c) Eye Care Services d) Health Awareness Programme	4.50
vi)	Sports and games including- a) Organising Inter-village football tournaments b) Annual Athletics Championship c) Annual Archery Championship d) Feeder centres for providing training in football & cricket e) Sports activities.	17.47
vii)	Capacity building/ SHG activities including- a) Computer training to children in IIHT, Dhanbad b) Training in various activities	26.83 3.00
viii)	Agricultural extension including- a) Construction of irrigation drains b) Pond renovation c) Provision of lift irrigation projects, agricultural equipment, paddy, wheat and potato seeds to farmers, etc.	32.92
ix)	Other Income generation programme	2.00
x)	Contribution for women empowerment-Participation of women SHGs in grameen mela organised by IAS Officers' wives association at Ranchi	0.5
xi)	Education: Jyoti Fellowship to 295 students Coaching classes for 1096 students Adult literacy classes for 738 women SHG members	9.45 10.64 4.50
xii)	Disability Care Management for Leprosy Patients Support for Reconstructive Surgeries, Support for MCR protective footwear, Support for Aid and Appliances, Socio-economic rehabilitation of leprosy patients and Support for IEC activities.	9.45
xiii)	Distribution of blankets and sweaters amongst less privileged (700 blankets and 500 sweaters distributed during severe cold)	2.70
xiv)	Plantation activities in leasehold areas. Distribution of fruit plants on occasion of World Environment Day	14.50



xv)	Developmental activities like a) Filling up of low-lying lands b) Parks & Garden development and maintenance	63.0 46.9
xvi)	Water spraying in the leasehold areas	11.5
xvii)	Organising cultural programmes, yoga camps, awareness on environment and other miscellaneous expenses	4.7
TOTAL		503