

F. No. 8-46/2010 - FC  
Government of India  
Ministry of Environment & Forests  
(FC Division)

\*\*\*

Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110510  
Dated: 10<sup>th</sup> May, 2013

To

The Principal Secretary (Forests),  
Government of Jharkhand,  
Ranchi.

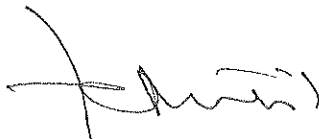
**Sub: Diversion of 998.70 ha of forest land in Ankua Reserve Forest for mining of iron and manganese ores in favour of M/s JSW Steel Limited in Saranda Forest Division in West Singhbhum district of Jharkhand.**

Sir,

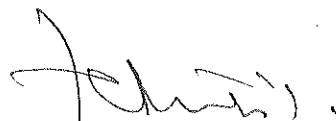
I am directed to refer to the State Government of Jharkhand letter No. 3/Vanbhumi-50/2158/VP dated 18.06.2010 on the above subject seeking prior approval of the Central Government, in accordance with Section-2 of the Forest (Conservation) Act, 1980, and to say that the said proposal has been examined by the Forest Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

After careful consideration of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, the Central Government hereby accords 'in-principle' approval under the Forest (Conservation) Act, 1980 for diversion of 998.70 ha of forest land in Ankua Reserve Forest for mining of iron and manganese ores in favour of M/s JSW Steel Limited in Saranda Forest Division in West Singhbhum district of Jharkhand, subject to the fulfillment of the following conditions:

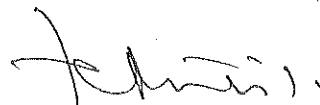
1. Legal status of the diverted forest land shall remain unchanged;
2. Compensatory afforestation over the non-forest land equal in extent to the forest land being diverted shall be raised and maintained by the State Forest Department at the cost of the User Agency;
3. The non-forest land identified for raising compensatory afforestation shall be transferred and mutated in favour of the State Forest Department before issue of the Stage-II clearance;
4. The land identified for the purpose of CA shall be clearly depicted on a Survey of India toposheet of 1:50,000 scale;
5. The non-forest land identified for raising Compensatory Afforestation shall be notified by the State Government as RF under Section-4 or PF under Section-29 of the Indian Forest Act, 1927 or under the relevant Section(s) of the local Forest Act, as the case may be, within a period of six months. The Nodal Officer (Forest Conservation) shall report compliance in this regard;



6. The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation, at the current wage rate, to the State Forest Department. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;
7. The State Government shall charge the Net Present Value (NPV) of the forest land being diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007-FC dated 05.02.2009 in this regard;
8. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;
9. All the funds received from the user agency under the project, except the funds realized for regeneration/ demarcation of safety zone, shall be transferred to Ad-hoc CAMPA in the Saving Bank Account pertaining to the State concerned;
10. Wherever possible and technically feasible, the User Agency shall undertake by involving local community, the afforestation measures in the blanks within the lease area, as well as along the roads outside the lease area diverted under this approval, in consultation with the State Forest Department at the project cost;
11. The period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development & Regulating) Act, 1957, or Rules framed there under, subject to a maximum period of 30 years;
12. User agency either himself or through the State Forest Department shall undertake gap planting and soil and moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 m. from outer perimeter of the mining lease;
13. The user agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government, and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed.
14. The User Agency either himself or through the State Forest Department shall undertake fencing, protection and afforestation of the safety zone area (7.5 meter strip all along the



- outer boundary of the mining lease or mining cluster, as applicable, and such other areas as specified in the approved mining plan) at the project cost;
15. The User Agency either himself or through the State Forest Department shall undertake afforestation on degraded forest land, one and half time in extent to the area used for safety zone;
  16. The boundary of safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;
  17. In case of under-ground mines, areas on surface shall be fenced and afforested from the funds to be provided by the user agency.
  18. The user Agency shall implement the R & R Plan as per the R & R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work and implementation. The said R & R Plan will be monitored by the State Government/Regional Office of MoEF along with indicators for monitoring and expected observable milestones.
  19. The user agency shall undertake de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies, whenever required;
  20. Following activities shall be undertaken by the User Agency at the project cost:
    - (a) Preparation and implementation of a plan containing appropriate mitigative measures to minimize soil erosion and choking of streams;
    - (b) Planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion;
    - (c) Construction of check dams, retention /toe walls along the contour to arrest sliding down of the excavated material;
    - (d) Stabilize the overburden dumps by appropriate grading/benching so as to ensure that that angles of repose at any given place is less than 28°; and
    - (e) Strict adherence to the prescribed top soil management.
  21. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;
  22. No labour camp shall be established on the forest land;
  23. The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
  24. The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced



- cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;
25. The layout plan of the proposal shall not be changed without the prior approval of the Central Government.
  26. The forest land shall not be used for any purpose other than that specified in the proposal;
  27. The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;
  28. No damage to the flora and fauna of the adjoining area shall be caused;
  29. Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.
  30. The State Government shall assess the extent of forest land for the purpose of forest connectivity and the use by wildlife and elephants in particular by undertaking scientific study for direct and indirect signs related to occupancy/habitat utilization. The State Government shall take the services of independent experts especially those having an experience and exposure of Saranda region and shall submit the findings alongwith a proposal delineating out the forest area from the lease which may be necessary for safe movement of elephants and which could be excluded from the overall area approved for diversion before seeking Stage II approval.
  31. The State Government shall assess the mining/reclamation plan in a holistic way along with similar plans of adjacent operational mines and modify them, if required, with a view to ensure that the connectivity of the forest patches is maintained by breaking up fresh land nearer to already broken up areas and reclaiming them simultaneously as the mining progresses.
  32. The user agency shall contribute proportionately towards execution of the comprehensive wildlife management plan.
  33. The user agency shall support in-situ capacity building program for forest officials and local community on topics like wildlife monitoring, crime prevention, habitat management, law enforcement etc.
  34. The user agency and other lessees will celebrate wildlife week to create awareness programme amongst their staff and transporters for ecological and wildlife conservation of Saranda like Mines Environment and Mineral Conservation week which is celebrated every year by every mines under the aegis of Regional Controller of Mines, Indian Bureau of Mines, Kolkata Region.
  35. The user agency and others will upscale the skill and knowledge of their mines manager, environmental consultants and local forest officials towards best practices in mining like progressive mining and successive reclamation through exposure visits and trainings.
  36. Only working mining pits will be properly fenced instead of creating a linear barrier for wildlife movement through fencing of safety zone around the whole mining leases.



37. Adequate water sprinkling will be ensured along the entire haul road within the mines. Proper dust suppression chemicals will be used while sprinkling the water to minimize the dust load in ambient air.
38. Lessee should ensure plying of only Pollution under Control (PUC) vehicles in their lease area without the use of pressure horn.
39. To prevent the silt and fines flow into river Koina and Karo, the user agency shall construct suitable civil and rainwater harvesting structures and the harvested rain water should be utilized in mines.
40. Blasting in night at mines and night transportation of ore through public roads will not be allowed. Transportation of ore by trucks/dumpers within the forest limit shall be replaced with aerial mode in phased manner.
41. Proper lighting system in the mine will be used to reduce the glare to open sky and thus to facilitate the migration path of avifauna.
42. Insulated power transmission cable will be used in stretches passing through forests and the transmission line will be aligned along the roads only.
43. The user agency will be responsible to control fire in and around mining leases under the supervision of state forest department
44. Paramilitary forces must be advised to consult local forest officials before lighting fires in forest area for making the visibility during combing operation and other purposes. Supply of LPG cylinder must be ensured by the local administration to discontinue the practice of large scale fire wood collection for cooking in the camp of paramilitary forces.
45. The State Government shall ensure that various mines are worked in such a way that the required elephant corridor / intermittent vegetation zones are always maintained without any long gap / disturbances.
46. The user agency shall ensure reclamation and rehabilitation of the mined out area with gentle negotiable slope of sufficient width so that connectivity is maintained beyond the ridge to allow animals to cross easily.
47. The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No. 11-9/1998-FC (pt.) dated 03.08.2009, in support thereof;
48. The user agency shall submit the annual self compliance report in respect of the above conditions to the State Government and to the concerned Regional Office of the Ministry regularly.
49. Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and
50. The User Agency and the State Government shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.



After receipt of the compliance report on fulfillment of the conditions mentioned above, the proposal shall be considered for final approval under Section-2 of the Forest (Conservation) Act, 1980. The transfer of forest land to the User Agency shall not be affected by the State Government till formal orders approving the diversion of forest land are issued by the Central Government.

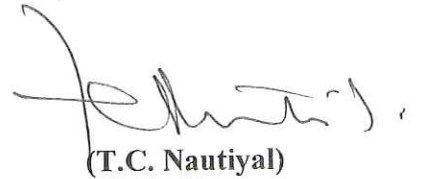
Yours faithfully,

(T.C. Nautiyal)

Assistant Inspector General of Forests

Copy to:-

1. The Principal Chief Conservator of Forest, Government of Jharkhand, Ranchi.
2. The Addl. Principal Chief conservator of Forest (Central), Eastern Regional Office, Bhubaneswar.
3. The Nodal Officer (FCA), Office of the PCCF, Government of Jharkhand, Ranchi.
4. User Agency.
5. Monitoring cell, FC Division.
6. Guard File.



(T.C. Nautiyal)

Assistant Inspector General of Forests