

Site Inspection Report

Proposal No. FP/JH/ENCRH/39652/2019

Date of Inspection - 11.10.2023

Name of Proposal- Expansion of existing DRI plant (4 X 100 tpd kiln) by adding the captive power plant and SMS for capacity expansion and to control the pollution.

Forest Area Involved = 9.27 ha

Presence - **Forest Official**

1. Sri Nitish Kumar, DFO, Ramgarh Forest Division.

User Agency Official

1. Shri Dinesh Pandey, GM-Legal
2. Mr. Somen Pandey, GM Plant, Aloke Steel

On the aforementioned date, the proposed forest land for diversion was visited. The total forest proposed for diversion in Ramgarh Forest Division is 9.27 Ha (JJ=7 Ha and Notified Protected Forest=2.27 Ha), which is meant for expansion of existing plant including capacity expansion, captive power plant installation and pollution abetment.

Why it is site specific?

The project is site specific because of below given reasons:

1. Because it's an expansion project and there is no availability of non-forest land nearby for expansion of the plant and provision of road and water pipeline. The expansion area involves 2.27 ha only.
2. Nearby Raiyats are not ready to give their lands.
3. The proposal involves old land of 7 ha area which was JJ in nature, not a notified forest, but was settled to raiyats and user agency thinking the nature of land to be agricultural didn't apply for forest clearance earlier. They were advised to include old land and thus they included old area as well in the proposal.

Remarks against JJ land already under control of UA and case of unaware non-compliance

1. GMJJ land in the project were mostly settled around 1940s to 1960s and were in agricultural use
2. The User Agency bought the land from raiyats and constructed their mini steel plant in 2005. They were unaware about nature of land. Thus, it is case of unaware non-compliance.
3. The road used was village road.

Nitish

Requirement of New Land

1. It is required for construction of captive power plant, new workshops but these would be constructed over old JJ land in their possession. The main advantage of construction of captive power plant would be 70% less waste generation in terms of solid waste and significant reduction in air effluents.
2. New Forest land would be mostly required for maintaining green area in industrial campus and would be only used for some minor construction. It is also required for getting Environment Clearance (EC) for expansion.
3. A very small area of forest land would be required for road construction and water pipeline installation.
4. Water pipeline would reduce partial dependency on ground water and will also provide water for agriculture to nearby villagers, as proposed by User Agency. This would contribute in preserving ground water regime.

Forestry and Wildlife Related Remarks

1. The crown density in Notified Forest Area is 0.5
2. The crown density in JJ area can be taken to average of 0.3. (Historical Extrapolation)
3. There is no presence of any endangered species in the area but there is presence of snakes and birds in area.

Thus, no WL management plan would be required.

Conditions to be Imposed

1. UA should install/construct two random forest check post with hydraulic barrier and camera with lease internet line- one at Budhakhap village road and other at Karma Mines Entry Point in consultation with RFO Kujju.
2. UA should provide water outlets for agriculture purpose to villagers at multiple points.
3. UA should make a small dispensary with provision of doctor for free health checkup of villagers.
4. UA should submit compliance of EC and data about stack emissions on monthly basis to Divisional Forest Office too.
5. UA should provide a patrolling vehicle for Kujju Forest Range.
6. UA should contribute 50% of CSR attributed to the unit, for forestry and WL activities in consultation with DFO, Ramgarh.

Hitish
Divisional Forest Officer
DFO Ramgarh
Ramgarh Forest Division