

Inspection Notes of C.D.Kumar, CEO-KSPCB

Name of The HCE visited	M/s John Mines of R.Praveen Chandra ML No.2294, D.Medikeripura, Sirigere Post, Chitradurga Taluk
Date of Visit	06.03.2020
Officers Accompanied	Muralidhar-SEO, E. Prakash – RO, Lohit Kumar-DEO
Person Contacted	Deepak, Manager-Geology Ajith, Manager-Environment

It is a Iron Ore Mine (42.6Hectares) for which the Board has granted CFOs under Water Act 1974 & Air Act 1981 with conditions up to 30.06.2021 for 0.75 MMTP (as per CEC permission dated 18.03.2016) besides Authorisation under HWM Rules 2016. The mine was visited in view of the instructions issued through Head Office Memo No.6275 dated 02.03.2020 under random inspection of organization identified based on computerized risk assessment and following are the observations.

- The Board has granted consent for iron ore mining as per CEC concurrence dated 18.03.2016 for the period up to 30.06.2021. During visit no mining activity (extraction of ore from mining pit) noticed and to query the representatives informed that they have already extracted permitted quantity of ore for the period 2019-20 and stopped mining activity. The RO was instructed to secure production details and to cross verify with Dept of Mines & Geology.
- Source of water is from Bore wells and used for domestic and dust suppression purposes. The occupier has obtained NOC from KGWA for withdrawal of ground water. During discussions the Manager informed that they have provided ST&SP at different locations within the mining area for disposal of sewage. However the occupier is not using required quantity of water for dust suppression.
- The Board has granted Authorisation for the period up to 30.06.2021 to handle only Used spent Oil however the occupier is also handling wastes containing oil. The Occupier has provided separate shed for storage of haz wastes. On verification of records it is noticed that the occupier is disposing wastes to M/s Mahalakshmi Industries, Tumakuru. About 500 lts of used oil and 15 no's of oil filters storage noticed. The floor is damaged and it requires handing improvement to make completely impervious. Besides better spillage management facility with catch pit is to be established.
- Mobile Health Clinic and First Aid station exists in mining area for which the occupier has not obtained Authorisation under BMW Rules 2016.
- The mining authority is having Fixed Crushing cum Screening units of 250 TPH capacity comprising of jaw crusher, cone crusher, two screens and 8 conveyor belts. The unit was not in operation during visit. Responding to a query the Manager informed that the crusher is not in operation since end of January 2020. No effective dust control systems provided at crusher loading section (from trucks) except symbolic water fog system. In addition one fixed and two mobile Screening units existing. Adequate dust control equipments not provided for these units except for water sprinkling arrangement. The authorities have to take immediate measures to provide suitable and efficient APC measures for these units.
- No efforts made to provide suitable barricade for iron ore stockyards to suppress dust emanated due to wind breeze. These stock yards are not provided with any dust

- suppression system except symbolic water sprinkling arrangements through tankers. Also these stock yards are not provided with proper arrangements to carry runoff water.
- Permanent water sprinkling arrangements not made at all strategic areas for dust suppression. The present arrangement viz water sprinkling through tankers is inadequate. Besides Plantation has not done all along the internal roads of mining area. During discussions the representatives informed that presently they are in the process of planning for additional plantation which will be taken up during current monsoon.
 - The major solid waste generated from the mining activity is the over burden (OB). To a query the representatives informed that they are dumping the OB in designated area as per IBM approved mining plan. Retaining wall, Garland drains besides geo coir mats are provided for few dumps. During discussions the representatives informed that they have provided 667 mts of garland drains and 637 mts of retaining wall, 19 gully pits, 5 check dams as per CEC approved R&R Plan. RO was instructed to verify the same immediately.
 - As per CFO condition the occupier has not maintained good road inside and around mining area to mitigate dust pollution. To a query the Manager informed that permission is not given by the Forest dept to improve the road condition.
 - During discussions the Manager informed that they are carrying out monitoring of AAQM, GW, Noise and submitting environmental quality monitoring reports regularly to RO on quarterly basis. RO was instructed to cross verify the monitoring results.

The observations made during visit indicate that the occupier has not taken pollution control measures as stipulated in the consent and also to prevent air pollution. The Regional officer was instructed to issue notice immediately based on the observations and to take necessary follow up action as contemplated under law. Besides to secure production details from Local Mines & Geology Department to ensure that the production is within consented quantity and also to cross verify the monitoring activity. The photographs taken during visit are enclosed.

Encl. as above


CEO-KSPCB

Copy for N/A

- 1. SEO-Mines, KSPCB, Bengaluru**
- 2. E-Governance Section, KSPCB, Bengaluru**
- 3. Regional Office, Chitradurga**

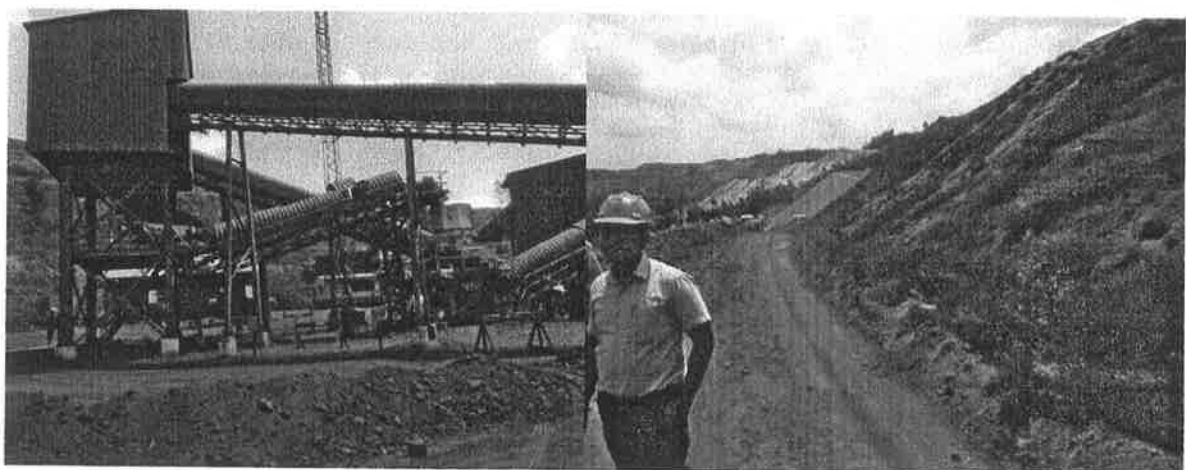


Hazardous waste storage facility



Mining Pit

Water fog at Crusher Loading Point



Ore Crushing cum Screening Unit

Ore Dump with stabilisation

