



F. No - J-11015/630/2007-I. A- II (M)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 3
Email: lk.bokolia@nic.in Tel: 01124695363

Dated: 27th May, 2021

To,

The Chief General Manager (CP&P)
M/s Mahanadi Coalfields Limited
PO - Jagruti Vihar, Burla,
Sambalpur-768 020 (Odisha)

E-mail: cgmenvt2014@gmail.com

Sub: Bharatpur Opencast (Expansion) Coal Mine Project of 20 MTPA capacity of in mine lease area of 1324.80 ha of M/s Mahanadi Coalfields Limited (MCL) located in Tehsil Talcher, District Angul (Odisha) - Amendment in Environmental Clearance – reg.

Sir,

This has reference to your online proposal no. IA/OR/CMIN/9356/2007 dated 4th July, 2018, on the above-mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for amendment in Environment Clearance 31st October 2008. The proposal is for Bharatpur Opencast (Expansion) Coal Mine Project of 20 MTPA capacity of in mine lease area of 1324.80 ha of M/s Mahanadi Coalfields Limited (MCL) located in Tehsil Talcher, District Angul (Odisha).
3. Project proponent has requested for amendment in Environment Clearance by submitting that there is reduction in area of Bharatpur OCP since some portion of area has been proposed to be worked by Ananta OCP Expansion of 20.00 MTPA of which EC has been granted vide letter dated 10th December, 2014 and the said area is yet to be worked. Similarly, certain area from Bharatpur OCP has been proposed to be worked by Jagannath OC Expansion of 7.5 MTPA of which EC granted by Ministry vide letter dated 6th September, 2018. This will enable to remove the overlapping of land areas which is accordingly reduce the mine lease area from 1324.80 ha to 927.42 ha. Mining Plan of Bharatpur OCP has been modified and approved by MCL Board vide letter no. MCL/SBP/CS/CR-60/2020-21/11576 dt: 16-03-2021. Further, there are various reasons for not amalgamating these three mines due to technical/geological, Administrative and other reasons.

The revised land break-up of Bharatpur OCP Expansion (20 MTPA) as per the approved Mining plan given below.

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S. No	Particulars	Forest	Non-Forest	Total	Remarks
A	Existing ML Area of Bharatpur OCP as per EC of 20.0 MTPA	185.08	1139.72	1324.80	As per EC of 20 MTPA dated 31 st October 2008
B	Modified ML Area of Bharatpur OCP	217.86	1106.94	1324.80	Actual areas after reconciliation of land records by Project authorities
C	Overlapped area between Bharatpur and Ananta Expn. OCP	3.90	49.32	53.22	Already considered in MP and EC of Ananta Expn. OCP 15 MTPA (Peak 20 MTPA), dated 10 th December 2014
D	Overlapped area between Bharatpur and Jagannath OCP	22.11	92.37	114.48	Already considered in EC of Jagannath 6.0 MTPA dated 29 th Sept 2005
E	Carved out area shifted to Jagannath OCP	2.53	120.68	123.21	Already considered in MP and EC of Jagannath 7.5 MTPA dated 6 th September, 2018
F	Land for which FC is not available and associated Non-Forest land, which has not been taken in proposed ML area due to technical reasons	6.92	32.12	39.04	Will be included as part of Jagannath OCP in future
G	Land for which FC is not available and associated Non-Forest land, which has not been taken in proposed M.L area of Phase-I	4.63	62.80	67.43	Will be considered in Mining Plan of expansion of Bharatpur OCP in future as Phase II.
H	Total area excluded from Modified ML of Bharatpur OCP	40.09	357.29	397.38	After reconciliation of land records
I	Proposed Modified M.L area of Bharatpur OC Expansion (20MTPA) (Phase- I)	177.77	749.65	927.42	

4. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Coal Mining Sector in its 11th meeting held on 9th April, 2021. The Committee has recommended the proposal for amendment in the environmental clearance dated 31st October 2008.

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5. Based on the proposal submitted by the project proponent and recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval for amendment in the environmental clearance dated 31st October 2008 to Bharatpur Opencast (Expansion) Coal Mine Project of 20 MTPA capacity of in mine lease area of 1324.80 ha to 927.42 ha of M/s Mahanadi Coalfields Limited (MCL) located in Tehsil Talcher, District Angul (Odisha), and as stated in the table at para 3 above, as per EIA Notification, 2006 and amendments therein. In addition, all the conditions of EC dated 31st October 2008 shall also remain applicable along with the following conditions mentioned below: -

- (i) PP should adopt in pit conveyor belt for the transportation and fleet size should increase upto 60 Tonne.
- (ii) Progressive reclamation of OB dump shall be conducted and Active OB Dump should not be kept barren/open and should be covered by temporary grass to avoid air born of particles
- (iii) 10 Fog canon shall be installed to reduce the impact of air pollution on haul road, OB dump and mining areas
- (iv) Project proponent shall carry out dense plantation (50000 nos.) in safety zone of these three mines with Sal Forest only.
- (v) Project proponent to plant 200,000 nos. of sal trees along the transportation route in two years to prevent the effect of air pollution near Manager's Office. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer
- (vi) Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEFCC.
- (vii) The permanent haul road shall be constructed of cement concrete and fixed type water sprinkler shall be installed.
- (viii) Recommendation of mitigation measures in R&R report shall be implemented within certain timelines.

6. This issues with approval of the Competent Authority.



(Lalit Bokolia)
Director

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Additional Principal Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, A-31, Chandershekharpur, Bhubaneswar- 751023 (Odisha).

3. The Secretary, Department of Environment & Forests, Government of Orissa, Secretariat, Bhubaneswar (Odisha).
4. The Chairman, Central Ground Water Authority, Ministry of Water Resources, River Development & Ganga Rejuvenation, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
5. The Chairman, Orissa State Pollution Control Board, Parivesh Bhawan, A/118, Nilkanthanagar, Unit VIII, Bhubaneshwar - 751012 (Odisha).
6. District Collector, Angul, Government of Odisha.
7. Monitoring File /Record File
8. PARIVESH Portal


(Lalit Bokolia)
Director