

**No. J-11015/78/2011-IA-II(M)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

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**Dated: 31<sup>st</sup> March, 2021**

To

The General Manager (E&F)  
M/s Eastern Coalfields Ltd.,  
Borachak House, Asansol,  
District- Burdwan-313359 (West Bengal)  
E-mail: envecl@yahoo.com

**Sub: Cluster No. 1 (Group of mines of ECL in Raniganj Coalfield) Project of 3.30 MTPA capacity in mine lease area of 3692 ha of M/s Eastern Coalfields LTD located in Mugma Area, Nirsa Block, Dhanbad, (Jharkhand) – For amendment in Environment Clearance - reg**

Sir,

This has reference to your online Proposal No. IA/JH/CMIN/135718/2020 dated 11<sup>th</sup> February, 2020, on the above-mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered. The proposal is for further amendment in Environment Clearance dated 16<sup>th</sup> January, 2015 and amended on 8<sup>th</sup> December, 2017 to Cluster No. 1 (Group of mines of ECL in Raniganj Coalfield) Project of 3.30 MTPA capacity in mine lease area of 3692 ha of M/s Eastern Coalfields LTD located in Mugma Area, Nirsa Block, Dhanbad, (Jharkhand) due to restructuring/revised production capacities of individual mine in the Cluster.

3. Now, project proponent has again requested for amendment in Environment Clearance for changes in capacities of constituent mines of the cluster without changing overall production capacity (3.30 MTPA) and leasehold area (3692 Ha). Re-assessment of mine capacities has been done to optimize coal production plan within the cluster. Amendment has been sought by re-assessment/restructuring the production capacity and mining methods of individual mines with overall production capacity and mine lease area will remain same.

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The proposed changes for amendment are given table below:-

Sl. As per EC Amendment dated 18.12.2017					Sl. As per Revised Mining Plan				
No.	Name of the Mine	Lease Area (Ha)	Prodn Capacity (MTY)	Mine Life (Yr)	No.	Name of the Mine	Lease Area (Ha)	Prodn Capacity (MTY)	Mine Life (Yr)
1	Hariajam UG	316.0	0.10	>25	1	Hariajam UG	316.0	0.08	>25
2	<b>Badjna UG</b>	676.0	0.15	>25	2	<b>Badjna UG &amp; OC</b>	676.0	0.45	>25
3	Chapapur – II UG Chapapur-II OC Patch	480.0	0.75	>25	3	Chapapur – II UG & OC	480.0	0.68	>25
4	Khoodia UG Khoodia OC Patch	186.0	0.05	>25	4	Khoodia UG & OC	186.0	0.035	10
5	<b>Lakhimata UG</b> <b>Lakhimata OC Patch</b>	217.0	0.95	20	5	<b>Amalgamated Lakhimata, Shampur B, Mandman and Kapasara UG &amp; OC</b>	1239.0	2.30	>25
6	<b>Shampur – B UG</b> <b>Shampur – B (Sangamahal) OC Patch</b>	368.0	0.10	>25					
	<b>Mandman UG</b>	345.0	Amalgamated with Lakhimata OC	-					
7	Nirsa OC Patch	147.0	0.40	8	6	Nirsa OC Patch	147.0	0.40	8
8	Shampur – A UG Shampur – A OC Patch	491.0	0.20	8	7	Shampur – A UG & OC	491.0	0.20	8
9	Gopinathpur UG Gopinathpur OC Patch	157.0	0.20	>25	8	Gopinathpur UG & OC	157.0	0.20	>25
10	<b>Kapasara UG</b> <b>Kapasara OC Patch</b>	309.0	0.40	>25	<b>Merged with Sl. No. 5</b>				
Total		3692.0	3.30		Total	3692.0	3.30*		

\*Maximum production from the cluster in any year will not exceed 3.30 MTPA.

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4. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Sector in its 6<sup>th</sup> meeting held on 13<sup>th</sup> January, 2021. The Committee has recommended the proposal for amendment in the environmental clearance dated 13<sup>th</sup> January, 2021, as proposed by the project proponent and mentioned in the table at para 3 above

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 16<sup>th</sup> January, 2015 and amended on 8<sup>th</sup> December, 2017 to **Cluster No. 1 (Group of mines of ECL in Raniganj Coalfield) Project of 3.30 MTPA capacity in mine lease area of 3692 ha of M/s Eastern Coalfields LTD located in Mugma Area, Nirsa Block, Dhanbad, (Jharkhand)**, as stated in the table at para 3 above. In addition, all the conditions of EC dated 16<sup>th</sup> January, 2015 and 8<sup>th</sup> December, 2017 shall remain also be applicable along with the following conditions mentioned below: -

- i. Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) in case of intersecting the Ground water table.
- ii. Third party monitoring (by NEERI/CIMFR/IIT/NITs) for air quality shall be carried out at identified locations, both ambient and the process area, to arrive at impact of the proposed restructuring in one year. PP shall submit to Ministry's Regional Office the recommendation in report and shall be strictly implementation with stringent time line
- iii. 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
- iv. 10 Fog canon shall be installed to reduce the impact of air pollution on haul road, OB dump and mining areas
- v. Project proponent to plant 200,000 nos. of native trees with broad leaves along the transportation route in two years to prevent the effect of air pollution near Manager's Office at Gopalpura, Prabhat Stadium-Mugma and ESI Hospital-Maithon. 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/internal roads 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.



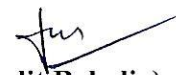
- ix. PP shall undertake a needs-assessment (need based skill development and identification of indigenous skill base) in the local region and conduct either through a vocational mode or a regular mode for skill development/enhancement programs.
- x. PP shall identify livelihood opportunities based on discussion with residents and accordingly capacity building interventions to be undertaken including a focus on building financial and supply-chain linkages.
- xi. PP shall focus on the activities planned under CSR initiatives based on the sustainable livelihoods approach whereby the emphasis should be on developing all forms of capital namely: natural capital, physical capital, social capital, financial capital and human capital.
- xii. PP shall provide smokeless chulahs to the households as part of local engagement commitment



(Lalit Bokolia)  
Director

**Copy to:**

1. The Secretary, Ministry of Coal, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of Jharkhand, Secretariat, Ranchi (Jharkhand).
3. The Chief Conservator of Forests, Regional office (ECZ), Ministry of Environment Forest and Climate Change, Bungalow No. A-2, Shyamali Colony, Ranchi (Jharkhand) - 834002
4. The Chairman, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
5. The Chairman, Jharkhand State Pollution Control Board, TA Building, HEC Complex, PO Dhurwa, Ranchi.
6. District Collector, Dhanbad, Government of West Bengal.
7. Monitoring File/Guard File/Record File.                      9. PARIVESH Portal



(Lalit Bokolia)