



F. No. J-11015/180/2011-IA-II(M)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira ParyavaranBhawan,
Jorbagh Road, N Delhi – 3

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Dated: 9th February, 2021

To

The General Manager (E&F)
M/s Eastern Coalfields Ltd.,
Borachak House, Asansol,
District- Burdwan- 713359 (West Bengal)
E-mail: envecl@yahoo.com

Sub: Cluster No. 10 Coal Mining Project of production capacity of 7.70 MTPA in an ML area of 5979 ha of M/s Eastern Coalfields Limited, located in Raniganj Coalfields, District Paschim Bardhaman (West Bengal) – For Amendment in Environmental Clearance – reg

Sir,

This has reference to your online proposal no. IA/WB/CMIN/178705/2020 dated 30th October, 2020, on the above-mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for further amendment in Environment Clearance dated 20th January, 2015. The proposal is for Cluster No. 10 Coal Mining Project of production capacity of 7.70 MTPA in an ML area of 5979 ha of M/s Eastern Coalfields Limited, located in Raniganj Coalfields, District Paschim Bardhaman (West Bengal). Amendment in EC has been granted by Ministry vide its letter dated 31st May, 2018 earlier, 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 (7.70 MTPA) and leasehold area (5979.00 Ha). Re-assessment of mine capacities has been done to optimize coal production plan within the cluster. Accordingly, the mine Closure Plans have been revised based on the latest WPI of May 2020 and the guideline issued by Ministry of Coal vide F. No. 34011/28/2019-CPAM dated 29th May, 2020. Mining Plan/Supplementary Note to Mining Plan has been approved by Board of Directors, Eastern Coalfields Limited for the proposed changes on 20th October, 2020 vide File No. ECL/CS/4/7853

Following is the details of production capacity with mine lease area from EC amendment dated 31st May, 2018 and further changes proposed

S N	As per Existing EC dated 31.05.2018					S N	As per Revised Proposal				
	Name of Mine	Type	Lease hold Area (Ha)	EC Capacity (MTY)	Life (Yr)		Name of the Mine	Type	Lease hold Area (Ha)	Proposed EC Capacity (MTY)	Life (Yr)
1	North Searsolle OCP	O C	360	2.0	19	1	North Searsolle OCP	O C	360	1.50	10
2	Kunustoria & Amrasota UG	U G	383	0.15	> 25	2	Kunustoria & Amrasota UG	U G	510	0.60	>25
3	Belbaid UG	U G	384	0.12	> 25		Belbaid UG amalgamated with Parasea UG & OC (Sl. 4). Amalgamated Mine named as Parasea-Belbaid UG				
4	Bansra UG & OC	U G & O C	611	0.735	> 25	3	Bansra UG & OC	U G & O C	707	0.70	> 50
5	Parasea UG & OC Patch	U G & O C	481	0.55	> 25	4	Parasea Belbaid UG & OC	U G & O C	784	2.07	> 25
6	Jambad UG & OC	U G & O C	323	1.00	>25	5	Naba Jambad Project (Jambad UG, Jambad OC & Nabaka	U G & O C	664	1.07	>25

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							jora UG)				
7	Nabaka jora UG & Nabaka jora- Madhab pur UGP & Madhab pur OC	U G	703	2.23	> 25	6	Nabaka jora- Madha bpur UGP, Madha bpur UG & Madha bpur OC	U G & O C	678	2.12	>25
8	Lachipu r UG	U G	419	-	-	7	Lachipur UG (Western side of Andal Sainthia Railway line) amalgamated with Nabakajora-Madhabpur UG & OC (Sl.6)				
							Lachip ur UG (Easter n side of Andal Sainthi a Railwa y line)	U G	193	-	-
9	Central Kajora UG	U G	291	0.12	> 25	8	Central Kajora UG	U G	291	0.25	> 20
1 0	Khas Kajora UG	U G	188	0.35	> 25	9	Khas Kajora UG	U G	188	0.30	> 25

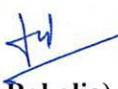
1	Moira UG	U G	455	0.06	2	1 0	Moira UG	U G	455	0.0	-
1	Madhus udanpur UG	U G	338	0.12	2	1 1	Madhus udanpu r UG	U G	338	0.07	5
1	Madhuj ore UG	U G	463	-	-	1 2	Madhuj ore UG	U G	463	-	-
1	Ghansh yam UG	U G	232	-	-		Ghanshyam UG amalgamated with Nabakajora-Madhabpur UG & OC (Sl.6)				
1	Parasco le East & West	U G	348	0.26	> 25	1 3	Parasco le East & West	U G & O C	348	0.54	>15
Total			5979	7.70			Total		5979	7.70 *	

4. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Sector in its 4th meeting held on 27th November, 2020. The Committee has recommended the proposal for amendment in the environmental clearance dated 20th January, 2015, 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 20th January, 2015 to Cluster No. 10 Coal Mining Project of production capacity of 7.70 MTPA in an ML area of 5979 ha of M/s Eastern Coalfields Limited, located in Raniganj Coalfields, District Paschim Bardhaman (West Bengal), as stated in the table at para 3 above. In addition, all the conditions of EC dated 20th January, 2015 shall remain also be applicable along with the following conditions mentioned below: -

- (i) PP shall implementation all mitigation submitted during EAC meeting i.e. Year-wise Implementation plan of Environmental capital expenditure in respect of Air Pollution control measures in 2020-2021.
- (ii) Permission for extracting ground water shall be taken from Central Ground Water Authority.
- (iii) Continuous online monitoring system shall be installed for monitoring water quality.

- (iv) Source apportionment study by third party shall be conducted by the project proponent to identify the impact of non-mining activities.
- (v) Mist type mobile water sprinkler arrangement shall be installed for dust suppression in areas like Loading operations, Crusher points, transfer points and CHPs etc.
- (vi) Thick green belt around the mining area and at Railway siding (25000 nos) shall be developed by planting native species.
- (vii) CAQMS to monitor ambient air quality parameters like PM10, PM2.5, SOx, NOx etc. shall be installed at locations in the population / habitation areas/ receptor villages.
- (viii) PM10 Analyser shall be installed Railway siding to monitor the fugitive dust emission from coal transfer activities
- (ix) PP shall provide smokeless Chullah to nearby villages under its CSR scheme.
- (x) PP shall use on 40-50 tonne of trucks/dumpers for transportation of coal till railway siding.
- (xi) PP shall implement conveyor belt to transport coal within 2 years (i.e. 2023)
- (xii) 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
- (xiii) A subsidence study in Parasea-Belbaid UG (Liquidation Plan) with its environmental management and mitigation measures shall be submitted to Ministry's Regional Office.



(Lalit Bokolia)
Director

Copy to:

1. The Secretary, Ministry of Coal, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of West Bengal, Secretariat, Kolkatta.
3. Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, A-31, Chandrashekarpur, Bhubaneswar – 751023, Orissa.
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, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi -110032.

6. The Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A, Block LA, Sector-III, Salt Lake City, Kolkatta – 700098.
7. District Collector, Burdman, Government of West Bengal.
8. Monitoring File/Guard File/Record File. 9. PARIVESH Portal



(Lalit Bokolia)
Director