

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

Indira Paryavaran Bhavan,
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Dated: 30th May, 2022

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. 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/265471/2022 dated 04th April, 2022, for grant of amendment in Environmental Clearance.

2. The Ministry of Environment, Forest and Climate Change has granted Environment Clearance vide its letter dated 16th January, 2015 with subsequent amendment in Environment Clearance on 31st May, 2018 and 9th February, 2021 to the 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), under provisions of EIA Notifications, 2006 and its amendments therein, subject to compliance of certain terms and conditions.

3. Project Proponent has requested for amendment in EC since PP intends to establish a plant for processing OB dump (POB Plant) in Naba Jambad UG & OC Project within Cluster No. 10. The proposed changes are in line with the supplementary note to mining plan for the cluster, duly approved by the Board of Directors of ECL on 22.03.2022. Further it is observed that there is no change in any other parameters viz. mine capacity, leasehold area and mine life of the constituent mines within the cluster.

The cluster contains underground, opencast as well as mixed mines. The proposal is to establish POB Plant of capacity 0.30 Mm³/annum within the leasehold of Naba-Jambad UG & OC to cater to the sand requirements for stowing purpose in the UG mines within the cluster. The proposed amendment is tabulated below:

S. No.	Name of the Mine	Type	Leasehold Area (Ha)	Proposed EC Capacity (MTY)	Life (Yr)	Changes
1	North Searsole OCP	OC	360	1.50	10	No change
2	Kunustoria & Amrasota UG	UG	510	0.60	> 25	No change
3	Bansra UG & OC	UG & OC	707	0.70	> 50	No change
4	Parasea Belbaid UG & OC	UG & OC	784	2.07	> 25	No change
5	Naba Jambad Project (Amalgamation of Jambad UG, Jambad OC & Nabakajora UG)	UG & OC	664	1.07	>25	Proposal to establish POB Plant. No other change
6	Nabakajora-Madhabpur UGP, Madhabpur UG & Madhabpur OC	UG & OC	678	2.12	>25	No change
7	Lachipur UG (Eastern side of Andal Sainthia Railway line)	UG	193	-	-	No change
8	Central Kajora UG	UG	291	0.25	> 20	No change
9	Khas Kajora UG	UG	188	0.30	> 25	No change
10	Moirra UG	UG	455	0.0	-	No change
11	Madhusudanpur UG	UG	338	0.07	5	No change
12	Madhujore UG	UG	463	-	-	No change
13	Parascole East & West	UG & OC	348	0.54	>15	No change
Total			5979	7.70 *		No change

3. The Expert Appraisal Committee (EAC) in its 29th EAC meeting held on 25-26 April, 2022 has recommended the project for grant of amendment in Environmental Clearance to establish a plant for processing OB dump (POB Plant) in Naba Jambad UG & OC Project within Cluster No. 10 to the proposal for amendment in Environmental Clearance 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), under the provisions of EIA Notification, 2006 and its amendments therein with following additional specific conditions to be followed:

- (i) PP shall comply with all the EC conditions which is presently non-complied or partially complied as per the certified compliance report, like green belt, dedicated environment cell, etc. The same shall be reported to IRO, MoEF&CC within 3 months with action plan in time bound manner. SPCB shall issue the CTO for proposed amendment only after satisfactory compliance of earlier EC as confirmed by IRO, MoEF&CC.
- (ii) PP to take proper EMP measure to reduce the dust emissions during the processing of OB dump plant. Like installation of fixed fog cannon, transportation of OB dump by covered trucks.

- (iii) Adequate air pollution control device shall be installed in stone crusher to avoid the dust emission. Noise acoustic enclosure shall be provided in periphery of area. Noise level should be maintained as per the CPCB guidelines for industrial activity.
- (iv) PP to install 1 more continuous ambient air quality monitoring stations at suitable locations preferably village in with consultation of SPCB. The real time data so generated shall be uploaded on company website and linked it with website of CPCB & SPCB. In addition, data should also be displayed digitally at entry and exit gate of mine lease area for public display.
- (v) PP to maintain the topped haul road properly to minimized the dust emission. PP to also develop pucca roads by seeking consent from the panchayat with widening of roads especially roads interlinking the villages within the study area of 10 km radius buffer zone.
- (vi) Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring Good Occupational Environment for mine workers shall be implemented. The prevention measure for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.
- (vii) Persons of nearby villages shall be given training on livelihood and skill development to make them employable and keep with its proper records
- (viii) The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
- (ix) PP shall pay to farmers of agricultural land if there is any loss due to pollution found by concerned District Commissioner as per extent rules or norms.
- (x) PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non- compliance or infringement should be reported to the concerned authority.
- (xi) 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

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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 conditions shall be sent to the Regional Office of the MoEF&CC.

4. All other conditions stipulated in EC. No. J-11015/180/2011-I(A).II(M) Dated 20.01.2015 and subsequent amendment on 31.05.2018 and 09.02.2021 shall remain unchanged.

This issues with the approval of the competent Authority.



(Lalit Bokolia)
Director

Copy to: -

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi
2. The Deputy Director General of Forests, Integrated Regional office, Kolkatta IB -198, Sector III. Salt Lake City, Kolkatta 700106
3. The Secretary, Department of Environment & Forests, Government of West Bengal, Secretariat, Kolkatta.
4. The Chairman, Central Ground Water Authority, Ministry of Jal Shakti, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
5. The Chairman, West Bengal State Pollution Control Board, Parivesh Bhawan, 10 A, Block LA, Sector III, Salt Lake City, Kolkatta- 700098
6. The District Collector, Burdman, Government of West Bengal.
7. Monitoring File /Record File 8. PARIVESH Portal



(Lalit Bokolia)
Director