

No. J-11015/176/2014-IA-II (M)
Government of India
Ministry of Environment, Forest & Climate Change
IA-II (Coal Mining) Division

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi-3
Dated: 3rd February, 2016

To,

The General Manager (W B P & Environment)
M/s South Eastern Coalfields Ltd,
W B P & Environment Department,
Seepat Road, P B. No.60
Bilaspur - 495 006 (Chhattisgarh) Email: gmenvtsecl@gmail.com

Sub: Expansion of Kusmunda Opencast Coal Mine Project from 18.75 MTPA to 26 MTPA in ML area 1449.864 ha of M/s South Eastern Coalfields Ltd, located in District Korba (Chhattisgarh) - Environmental Clearance - reg.

Sir,

This is with reference to your letter No.43011/12/2014-CPAM dated 20.06.2014 with the application for Terms of Reference (TOR) and this Ministry's letter dated 01.12.2014 granting TOR. Reference is also invited to the letter No.SECL/BSP/WBP-ENV/2015/ KSM OCP/5918 dated 25.05.2015 and subsequent letters Nos. dated 03.06.2015, 09.06.2015, 11.06.2015, 05.07.2015, 11.07.2015, 16.07.2015, 17.07.2015, 21.07.2015, 18.08.2015, 31.08.2015, 05.10.2015, 08.10.2015, 19.10.2015, 16.11.2015, 01.12.2015, 16.12.2015, 23.12.2015, 07.01.2016 and 29.01.2016 for environmental clearance on the above-mentioned subject.

2. The Ministry of Environment, Forest & Climate Change has considered the application. It is noted that the proposal is for grant of Environmental Clearance to the project for Expansion of Kusmunda Opencast Coal Mine 15 MTPA to 50 MTPA (Normative) & 18.75 MTPA to 62.50 MTPA (Peak) in ML area 3510.348 ha (Latitude 22° 15' 18" to 22° 21' 30" North and Longitude 82° 38' 39" to 82° 42' 08" East) of M/s South Eastern Coalfields Ltd, located in District Korba (Chhattisgarh).

3. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Projects in its 37th meeting held on 11th -12th June, 2015, 39th meeting held on 16th -17th July, 2015, 42nd meeting held on 31st August- 1st September, 2015, 44th meeting held on 8th - 9th October, 2015, 47th meeting held on 30th November- 1st December, 2015 and 49th meeting held on 7th -8th January, 2016.

4. The details of the project, as per the documents submitted by the project proponent (PP), and also as informed during the above said EAC meetings, are reported to be as under:-

(i) The project was accorded TOR vide letter No.J-11015/176/2014-IA.II (M) dated 01.12.2014.



(ii) The sub-committee made site visit to three mines (Kusmunda, Gevra and Depika), a pithead coal washery of Gevra and the surrounding areas on 9-10 October 2014 before according the TOR.

(iii) The latitude and longitude of the project are 22° 15' 18" to 22° 21' 30" North and 82° 38' 39" to 82° 42' 08" East respectively.

(iv) The proposal for EC is in two phases:

Phase I: Proposal without fresh forest land in a total area of 1655.825 ha.

Phase II: Proposal with fresh forest land in a total area of 3510.348 ha (including Phase I).

(v) Total revenue forest land covered under Phase II would be 376.922 ha (205.961 ha for Kusmunda OCP and 118.879 for Laxman OCP). The proposal for regularization of 324.840 ha is under consideration of MOEF for issue of Stage-I FC.

(vi) Land use pattern during Phase-I & Phase-II is as under:

Land Use Pattern Of Kusmunda Open Cast Project	
Phase - I	
Agriculture/ Tenancy Land	1045.597 Ha
Revenue Forest Land	205.961 Ha
Govt. Land	
A) Water Body	31.042 Ha
B) Grazing Land	373.225 Ha
C) Waste Land/ Others	00.00 Ha
Sub-Total Of Govt. Land	404.267 Ha
Total Land	1655.825 Ha *

*There Is No Additional Land In Phase-I

PHASE – II	
Agriculture/ Tenancy Land	2532.365 Ha
Revenue Forest Land	376.922 Ha
Govt. Land	
A) Water Body	87.035 Ha
B) Grazing Land	488.643 Ha
C) Waste Land/ Others	25.383 Ha
Sub-Total Of Govt. Land	601.061 Ha
Total Land	3510.348 Ha

	Phase-I	Phase-II
Already acquired	1655.825 Ha	2382.788 Ha
Additional land to be acquired	Nil	1127.56 Ha
Total Land	1655.825 Ha	3510.348Ha

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(vii) Joint Venture: There is no joint venture

(viii) Coal Linkage :Various thermal power plants including Chhattisgarh State Electricity Board (CSEB)

(ix) Employment generated / to be generated: 2017 persons / 4130 Persons

(x) Benefits of the project: Enhancement in production will considerably improve the socio-economic status of the adjoining areas. This will result in following benefits:

- Improvement in Physical Infrastructure
- Improvement in Social Infrastructure
- Increase in Employment Potential
- Contribution to the Exchequer
- Meet energy requirement
- Post-mining Enhancement of Green Cover

(xi) The land usage of the project will be as follows:

Core area: Phase I: Land Use during Mining

This land will undergo changes during mining and the land use pattern will be as follows:

Particulars	Area in Ha
Area to be excavated	788.874
Storage for top soil	03.00
Over Burden / Dumps	325.00
Mineral Storage	00.00
Infrastructure(Workshop, Administrative Buildings)	284.634
Roads	07.517
Green Belt	10.00
Effluent Treatment Plant	01.00
Rehabilitation site(outside mine)	69.00
Colony (outside mine)	39.00
Safety Zone	82.80
Other Specify for Future mining	45.00
Total	1655.825

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Land Use during Mining for Phase II

Particulars	Area in Ha
Area to be excavated	1600.000
Storage for Top soil	3.000
Overburden/Dumps	325.000
Mineral storage	0.000
Infrastructure (W/Shop, Admin. Building)	300.000
Roads	10.000
Green Belt	10.000
Rehabilitation Site(outside mine)	130.000
Colony(outside mine)	40.250
Safety Zone	153.000
Other specific (future mining)	939.098
TOTAL	3510.348

Post- Mining:

Sl.No.	Activities	Total Area(Ha)
1	Void/ Water body	355.000
2	Reclaimed internal OB dump	1245.000
3	Safety zone	166.000
4	Rehabilitation	130.000
5	Colony	40.250
6	External dump	325.000
7	Infrastructures	300.000
8	Service road	10.000
9	Others	939.098
	Total	3510.348

(xii) The total geological reserve is 1105.00MT. The mineable reserve 956.98 MT, extractable reserve is 956.98 MT. The per cent of extraction would be 100%.

(xiii) The coal grade is G11. The stripping ratio is 1.34 cum/tonne. The average gradient is 4 to 10 Degree there will be 03 seams with thickness ranging up to 2.86m to 60.83 m.



(xiv) The total estimated water requirement is 16447 cum/day. The level of ground water ranges from 1.59 m to 14.60 m.

(xv) The method of mining would be opencast with shovel- dumper & surface miner.

(xvi) There are 13 external OB dump with quantity of 20.80 Mbcm in an area of 325Ha with height of 60 meter above the surface level and 02 internal dump with quantity of 1321.70 Mbcm in an area of 1245.00 ha.

(xvii) The final mine void would be in 355 ha with depth 300 m (maximum) and the total quarry area is 1600.00 ha. Backfilled quarry area of 1245.00 ha shall be reclaimed with plantation. A void of 355 ha with depth of about 300 m is proposed to be converted into a water body.

(xviii) The seasonal data for ambient air quality has been documented and all results at all stations are within prescribed limits.

(xix) The life of mine is 24 Years.

(xx) Transportation: Coal transportation in pit tippers, surface to siding by tippers, siding to consumer by belt conveyor and rail.

(xxi) There is R & R involved. There are 8200 PAFs.

(xxii) Cost: Total capital cost of the project is Rs. 7612.33 Crore.. CSR Cost as per CIL Policy and Company Act for 50 MTPA. R&R Cost 508.28 Crore.. Environmental Management Cost: Rs 575.33 Crore (Including R&R).

(xxiii) Water body: The Hasdeo River, Ahiran Nadi, Kholar Nullah and many small channels joining Hasdeo river.

(xxiv) Approvals: Ground water clearance applied on 25.11.2005. Board's approval obtained on 03.08.2013. Mining plan not applicable. Mine closure plan obtain on 3.08.2013.

(xxv) Wildlife issues: There are no national parks, wildlife sanctuary, biosphere reserves found in the 10 km buffer zone.

(xxvi) Total afforestation plan shall be implemented covering an area of 1570.00 ha at the end of mining. Green Belt over an area of 106.41Ha. Density of tree plantation 2500 trees/ ha of plants.

(xxvii) There are court cases/violation pending with the PP.

Case no.	Subject	Status
Case No. 128/2012 Judicial Magistrate, Class I, Katghora	Case has been filed under Sec. 44/47 of Water Act, Sec. 21/22, 37, 39 of Air Act, 15, 16 of EPA, 1986, against over production of coal in 2008-09.	Pending at Honourable Court, Katghora Distt. Korba (C.G.)

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(xxviii) Public Hearing was held on 11.02.2015. The issues raised in the PH includes Air Quality Data; Green Belt Development & Afforestation Plan; Conceptual Final Mine Closure Plan; Techno-Economic; Basic facilities such as Electricity, Water, Roads, Hospital, Education; other issues like Blasting; Employment and Compensation, Groundwater, Coal Transportation; Plantation of Fruit bearing trees as well as Medicinal plants; Public Hearing Venue, etc.

(xxix) Fully mechanized facilities will be provided for coal transportation which inter-alia includes in-pit conveyor system to siding, wagon loading to silos, & from silo to consumers by rail.

(xxx) Details of villages located outside the mine lease area with the direction and distance w.r.to the core zone and population.

(xxxi) Green belt barrier for a width of (75-100 m) will be provided all around the periphery of the mine in safety zone area provision of Rs 2.00 crores has been made in the PR. 3 tier plantation will be done with native species (neem, semal, palash, amaltas, gulmohar, etc).

(xxxii) Status of compliance with respect to coal transportation and loading at different levels of production as per different EC's granted by MoEFCC.

(xxxiii) Action plan for groundwater recharge measures and monitoring of water table level. In addition to creating ponds, the feasibility of setting up of check dams.

(xxxiv) Comparative statement on the EMP proposed for the current activities against the proposed expansion in respect of identified parameters namely coal transportation; solid waste disposal & its management; groundwater ; groundwater inflow ; cost of environmental control measures as per approved Project Report of 15 MTPA, (Jan 2008) have been submitted

(xxxv) Cumulative Impact Assessment of three mines namely Dipika, Gevra and Kusmunda, the monitoring locations have been finalized and area of the three mines have been joined in common grid. The modeling exercise was reported to be under progress and to be submitted very shortly.

(xxxvi) Reclamation and Mine Closure Plan w.r.t implementation of conditions stipulated in earlier EC's for Kusmunda Mine granted by MoEFCC (6 MTY dated 10-07-1986); 10 MTY dated 16-02-2006; 15 MTY 03-06-2009); 18.75 MTY dated 19-02-2014).

(xxxvii) Compliance of conditions in respect of external OBD and its rehandling, as stipulated in earlier ECs for the Kusmunda Mines.

(xxxviii) Annual Operation Plan/ Calender Programme for Kusmunda OC Expansion (50 MTY).

5. The EAC, after detailed deliberations on the proposal in its 49th meeting held on 7th -8th January, 2016 has recommended the project for grant of Environmental Clearance for a production level of 26 MTPA (peak). The Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the **Expansion of Kusmunda Opencast Coal Mine from 18.75 MTPA to 26 MTPA in ML area 1449.864 ha (total area of 1655.825 ha under phase-I excluding the revenue forest land of 205.961 ha) of M/s South Eastern Coalfields**

Ltd, located in District Korba (Chhattisgarh) under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the terms and conditions mentioned below:

A. Specific Conditions:

- i. The maximum production from the mine at any given time shall not exceed the limit as prescribed in the Environmental Clearance (EC).
- ii. The validity of the EC is for the life of the mine or as specified in the EIA Notification, 2006, whichever is earlier.
- iii. No mining shall be carried out in forest area of 324.84 ha including (205.961 ha for Kusmunda OCP and 118.879 for Laxman OCP) till regularization/stage –I FC.
- iv. Adoption of additional control measures beyond those already committed by the project proponent for production level of 26 MTPA so as to reduce the existing high levels of pollution load as shown in their study.
- v. Immediate steps shall be provided for an adequate and effective green belt around the villages affected by the higher values of PM₁₀
- vi. After a period of six months from the date of issue of this EC, the project proponent shall report to the Ministry along with the data on air quality and control measures for the villages affected by the higher PM₁₀ values.
- vii. Any further expansion beyond 26 MTPA shall be dependent upon the effectiveness of various control measures adopted by the proponent.
- viii. The PP will not alter the major channels around the site.
- ix. Efforts shall be made to explore the availability of mechanically covered trucks.
- x. All statutory permissions/MoU from State Government shall be obtained for transportation of coal by road.
- xi. Coal transportation in pit by tippers, surface to siding by tippers and siding to loading by pay loaders into rail wagons.
- xii. The production shall be within the same Mine Lease area.
- xiii. The OB shall be completely re-handled at the end of the mining.
- xiv. Final mine void depth will not be more than 40 m. The void area will be converted into water body. The remaining area will be back filled up to the ground level and covered with about a meter thick top soil and put to use.
- xv. Garland drains be provided.
- xvi. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine.
- xvii. The land after mining shall be restored for agriculture purpose.
- xviii. Mine water should be treated for discharge into the lagoon. The quality of lagoon water shall be regularly monitored and mitigation measures taken.
- xix. The CSR cost should be Rs 5 per tonne of coal produced which should be adjusted as per the annual inflation.
- xx. Everybody in the core area should be provided with mask for protection against fugitive dust emissions.
- xxi. Dust mask to be provided to every worker in the mining area.
- xxii. The supervisory staff should be held personally responsible for ensuring compulsory wearing of dust mask in the core area.



- xxiii. People working in the core area should be periodically tested for the lung diseases and the cost to be met by PP.
- xxiv. The mining area should be surrounded by green belt having tree cover with thick closed canopy.
- xxv. The embankment constructed along the river boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.
- xxvi. There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.
- xxvii. OB shall be stacked at two earmarked external OB dumpsite(s) only. The ultimate slope of the dump shall not exceed 28° . Monitoring and management of existing reclaimed dumpsites shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forests & Climate Change and its concerned Regional Office on yearly basis.
- xxviii. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilised for watering the mine area, roads, green belt development, etc. The drains shall be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.
- xxix. Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.
- xxx. Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.
- xxxi. Drills shall be wet operated.
- xxxii. The PP shall undertake regular repairing and tarring of roads used for mineral transportation. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads,
- xxxiii. Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.
- xxxiv. A Progressive afforestation plan shall be implemented covering an area of **1570 Ha** at the end of mining, which includes reclaimed External OB dump area (**325 Ha**), Internal OB dump area (**1245 Ha**) and Green belt (**106.41Ha**) and in township located outside the lease by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Massive plantation shall be carried out in open spaces in and around the mine and a 3-tier avenue plantation along the main approach roads to the mine.
- xxxv. An estimated total **1342.50 Mm³** of OB will be generated during the entire life of the mine. Out of which **20.80 Mm³** of OB will be dumped in **13** external OB Dumps an earmarked area covering **325 Ha** of land. **1321.70 Mm³** of will be **two** internal OB dump in covering an area of **1245 Ha**. The maximum height of external OB dump will not exceed **60 m**. The maximum slope of the dump shall not exceed 28 degrees. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self- sustaining and compliance status shall be submitted to MOEFCC and its Regional Office on yearly basis.



- xxxvi. The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.
- xxxvii. Compensatory Ecological Restoration of waste land, other degraded land and OB dumps in lieu of breaking open the land be carried out.
- xxxviii. The mining should be phased out in sustainable manner. No extra over burden dumps are permitted.
- xxxix. No groundwater shall be used for mining operations.
- xl. Of the total quarry area of **1600 Ha**, the backfilled quarry area of **1245 Ha** shall be reclaimed with plantation and a void of **355 Ha** is proposed to be converted into a water body shall be gently sloped and the upper benches shall be terraced and stabilised with plantation/afforestation by planting native plant species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around **2500** plants per ha.
- xli. Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests & Climate Change and to the Central Pollution Control Board quarterly within one month of monitoring.
- xl.ii. The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring indicates a decline in water table. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
- xl.iii. Sewage treatment plant shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.
- xl.iv. Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an specialised agency /institution within the District/State and the results reported to this Ministry and to DGMS.
- xl.v. Land oustees shall be compensated as per the norms laid out R&R Policy of CIL or the National R&R Policy or R&R Policy of the State Government whichever is higher.
- xl.vi. For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEFCC and its concerned Regional Office
- xl.vii. A detailed Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forests & Climate Change within 6 months of grant of Environmental Clearance.
- xl.viii. The project authorities shall in consultation with the Panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.
- xl.ix. Corporate Environment Responsibility:
a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.



- b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.
- c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
- d) To have proper checks and balances, the Company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large.

B. General Conditions:

- (i) No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forest & Climate Change.
- (ii) No change in the calendar plan of production for quantum of mineral coal shall be made.
- (iii) Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM₁₀, PM_{2.5}, SO₂ and NO_x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.
- (iv) Data on ambient air quality (PM₁₀, PM_{2.5}, SO₂ and NO_x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EPA rules, 1986 shall be furnished as part of compliance report.
- (v) Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.
- (vi) Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.
- (vii) Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.
- (viii) Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EPA Rules, 1986.
- (ix) Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.
- (x) Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.



- (xi) A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the Company.
- (xii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- (xiii) The PP shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the issue of EC letter informing that the project has been accorded environmental clearance and a copy of the EC letter is available with the State Pollution Control Board and may also be seen at the website of the Ministry of Environment, Forests & Climate Change at <http://envfor.nic.in>.
- (xiv) A copy of the EC letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the EC letter shall also be displayed on company's website.
- (xv) A copy of the EC letter shall be shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Sector and Collector's Office/Tehsildar's Office for 30 days.
- (xvi) The EC letter shall be uploaded on the company's website. The compliance status of the stipulated EC conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM₁₀, PM_{2.5}, SO₂ and NO_x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.
- (xvii) The PP shall submit six monthly compliance reports on status of compliance of the stipulated EC conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Office s of CPCB and the SPCB.
- (xviii) The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The PP shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
- (xix) The Environmental Statement for each financial year ending 31 March in For -V is mandated to be submitted by the PP for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail.

6. The PP shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.

7. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.

8. The project proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.



9. The PP shall set up an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC Conditions.

10. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this EC and attract action under the provisions of Environment (Protection) Act, 1986.

11. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter. The PP shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.

12. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

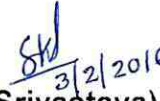
13. This EC supersedes the earlier EC letter No.J-11015/374/2013-IA.II (M) dated 19th February, 2014 for expansion of Kusmunda OCP up to 18.75 MTPA in an area of 2301.167 ha.

14. The Clearance is subject to the outcome of the case pending in the court of Hon'ble Judicial Magistrate – Class I Katghora, District Korba, Chhattisgarh.


(S. K. Srivastava)
Scientist E

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of Chhattisgarh, Secretariat, Raipur.
3. The APCCF, Ministry of Environment Forest and Climate Change, Regional Office (Western Central Zone), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-1
4. The Member Secretary, Chhattisgarh Environment Conservation Board, Commercial Complex, C.G. Housing Board Colony, Kabir Nagar, Raipur Chhattisgarh – 492 099.
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi -110032.
6. The Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
7. The District Collector, **Korba**, Government of Chhattisgarh.
8. Monitoring File 9. Guard File 10. Record File 11. Notice Board


(S. K. Srivastava)
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