



भारत सरकार
GOVERNMENT OF INDIA
- पर्यावरण एवं वन मंत्रालय
MINISTRY OF ENVIRONMENT & FORESTS

क्षेत्रीय कार्यालय, पश्चिम क्षेत्र,
Regional Office, Western Region,
"केन्द्रीय पर्यावरण भवन"
"Kendriya Paryavaran Bhavan"
लिंक रोड नं-3/Link Road No. 3
E-5, रविशंकर नगर/Ravi Shankar Nagar,
भोपाल (मध्य प्रदेश)/Bhopal-462016 (M.P.)
फोन: 0755-2426615, 2465054 फैक्स: 2463102
अणुडाक /E-mail: rccfbhopal@gmail.com

क्रमांक: 3-10/2004(ई.एन.वी.)/ 972

दिनांक : 24-4-2009,

प्रति,

डॉ० सुनीता वी० औलक,
निदेशक (एस०),
अनुवीक्षण सैल,
पर्यावरण एवं वन मंत्रालय,
भारत सरकार,
पर्यावरण भवन, के.स.का. परिसर, लोदी रोड,
नई दिल्ली - 110003.

विषय: Monitoring of Damini Coal Project of M/s SECL located in Village Khairah, Tehsil
Burhar, District Shahdol of Madhya Pradesh -Regarding.

संदर्भ: पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्रांक :J-11015/47/2002-1A.II (M) dt 05.10.04

महोदया,

उक्त परियोजना को पर्यावरणीय दृष्टिकोण से अनुमति देते समय, मंत्रालय द्वारा अनुबद्ध शर्तों के
अनुपालन पर अनुवीक्षण प्रतिवेदन (मॉनिटरिंग रिपोर्ट) एतद् द्वारा संलग्न कर प्रेषित है। कृपया गावती प्रेषित
करें।

सधन्यवाद,

भवदीय

संलग्न: उपरोक्तानुसार

(डॉ० व्ही० बी० अपाले)
संयुक्त निदेशक (एस)

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Monitoring the Implementation of Environmental Safeguards
 - Ministry of Environment & Forest
 Western Region, Regional Office, Bhopal
 MONITORING REPORT

PART - I
 DATA SHEET

1. Project type: River- valley/ Mining/ Industry/Thermal/ Nuclear/Other (specify) : Underground Coal Mine
2. Name of the project : Damini Underground Mine
3. Clearance letter (s)/OM No. and date : No. J-11015/47/2002-1A.II (M) dt 05.10.04
4. Location :
 - a) District (s) : Shahdol,
 - b) State (s) : Madhya Pradesh
 - c) Location : Lat : $23^{\circ} 08' 08''$ - $23^{\circ} 09' 16''$ N
 Long. : $81^{\circ} 26' 48''$ - $81^{\circ} 28' 48''$ E
5. Address for correspondence
 - a) Address of the Concerned Project Chief Engineer (with Pin Code & telephone/ telex/ fax numbers) : **Chief General Manager,**
 Sohagpur Area, SECL
 P.O. Dhanpuri, District Shahdol - 484114
 Madhya Pradesh
 Tel: 07652 - 250302 /Fax: 07652 - 250882
 - b) Address of the Executive Project Engineer / Manager (with Pin Code & telephone/ telex/ fax numbers) : **Sub Area Manager**
 P.O Khairaha Vis Burhar,
 Distt. - Shahdol (M.P) 484110
 Tel: 07652 - 287215
6. Salient features
 - a) Of the project : Conventional B & P system of mining with SDLs (3 Panel in VIB and 1 in V seam) is to be deployed. Depillaring will be done by caving method, and the envisaged production would be 0.48 MTY.
 EMP approved by MOEF, New Delhi
 - b) Of the Environmental management plans : Capital Cost (Rs in Lakh)

Pollution Control	25.00
Pollution Monitoring	17.50
Rehabilitation and Resettlement	42.48
Community development	80.30
Green Belt development Town & Mining area	50.00
Total	215.28
7. Break up of the project area
 - a) Submergence area: forest & non-Forest : 335.00 Ha. Non Forest
 Forest - Nil
 - b) Others :

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8. Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:
 - a) SC, ST/Adivasi
 - b) Others

One family losing houses and agricultural lands

No of persons agricultural land affected – 10 Nos.
 9. (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey) Financial details :
 - a) Project cost as originally planned and subsequent revised estimates and the year of price reference
 - b) Allocation made for environmental management plans with item wise and year wise break-up
 - c) Benefit cost ratio/Internal rate of Return and the year of assessment
 - d) Whether C includes the cost of environmental management as shown in the above
 - e) Actual expenditure incurred on the project so far
 - f) Actual expenditure incurred on the environmental management plans so far

Figures are based on CMPDIL report

Rs. 3932.25 Lakh

Rs. 5.00 lakhs in 4th years
Rs. 5.00 lakhs in 5th years

New mine started in March 2008

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8.03 Crores (As per PR)

7.96 Crores (As per PR)
 10. Forest land requirement
 - a) The status of approval for diversion of forest land for non-forestry use
 - b) The status of clearing felling
 - c) The status of compensatory afforestation, if any
 - d) Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far

NA
 11. The status of clear felling in non-forest areas (Such as

- submergence area or reservoir, approach Roads.), if any with quantitative information required.
12. Status of construction : Already constructed building Store, Workshop, Canteen, Project Office W.C. and Urinals, First Aid room & Fan House, Building for construction PIT office, Cap Lamp Room, Rest shelter.
 (Actual &/or planned)
 a) Date of commencement : (Actual &/or planned)
 b) Date of completion : (Actual &/or planned)
 13. Reason for the delay if the project is yet to start : Land acquisition.
 14. Dates of site visits
 a) The dates on which the project was monitored by the Regional Office on previous occasions, if any : NA
 b) Date of site visits for this monitoring report : 28-08-2008
 15. Details of correspondence with project Authorities for obtaining act on plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits). (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letter issued subsequently) : NA

PART – II
(CHECK LIST OF COMPLIANCE)

Clearance O.M. No. & date: No.. J-11015/47/2002-IA.II (M) dt 05.10.04

<u>No.</u>	<u>Compliance (status briefly)</u>	<u>Status of Compliance</u>
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SPECIFIC CONDITIONS:

- | | | |
|-------|---|--------------|
| i) | Care and safeguarding the area from ingress of water | Agreed upon |
| ii) | Regular monitoring of subsidence movement | Agreed upon |
| iii) | Precautionary measures for protection of surface features | Agreed upon |
| iv) | Prior approval of DGMS for existence of faults | Agreed upon |
| v) | Coal handling plant | In Process |
| vi) | Green belt | In Process |
| vii) | Stage wise development plan | Agreed upon |
| viii) | Suitable conservation measures to augment groundwater resources | Not Complied |
| ix) | Regular monitoring of groundwater level and quality | Not Complied |
| x) | Adequate safety measures | In Process |
| xi) | Decommissioning plan | Agreed upon |
| xii) | Vehicular emissions under control and regularly monitored | Not Complied |
| xiii) | Implementation of conservation plan | Not Complied |
| xiv) | Digital processing using remote sensing technique | Not Complied |
| xv) | Final closure for approval | Agreed upon |

GENERAL CONDITIONS:

- | | | |
|------|---|--------------------|
| i) | No change in Mining technology | Agreed Upon |
| ii) | No change in calendar plan | Agreed Upon |
| iii) | AAQ Monitoring | Partially complied |
| iv) | Dust extractors and controlled blasting | Complied |
| v) | Fugitive dust emissions | Partially complied |
| vi) | Control of noise level | Complied |
| vii) | Industrial waste water | Complied |

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viii)	Acid mine water treatment system	Not applicable
ix)	Occupational health surveillance	Complied
x)	Establishment of environmental laboratory	Agreed Upon
xi)	Separate Environment Management Cell	Complied
xii)	Funds earmarked for env. protection	Not Complied
xiii)	Furnishing the requisite data /information/monitoring reports	Agreed Upon
xiv)	Copy of EC marked on concerned Panchayat/ local NGO	Not Complied
xv)	Financial closure and final approval	PA is agreed upon.
xvi)	Copy of EC displayed RO, District Industry Centre and Collector's office/ Tehsildar's office	Applicable to SPCB
xvii)	Advertisement within seven days	Complied
3)	Competent authority to stipulate any further condition	PA is agreed upon.
4)	Failure to comply any condition withdrawal of EC and attract action under EPA	PA is agreed upon.
5)	Conditions will be enforced under the provisions of Water and Air Acts, EPA, and PLI-Act	PA is agreed upon.

PART - III

DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO CONDITIONS OF ENVIRONMENTAL CLEARANCE AND ENVIRONMENTAL MANAGEMENT

Clearance O.M. No. & date: No. J-11015/47/2002-IA.II (M) dt 05.10.04

- Condition No. i : PA informed that care will be taken during the period of mining and at the time of mine closure for safe guarding the area from ingress of water from the nalla passing through the middle of the mine.
- Condition No. ii : PA is agreed upon.
- Condition No. iii : PA is agreed upon.
- Condition No. iv : Checking of the possibility of existence of fault in consultation with Director DGMS is yet to be done. PA agreed that de-pillaring will be carried out after taking prior approval of DGMS.
- Condition No. v : PA informed that coal handling plant is in design stage. It will be equipped with devices to deal with airborne dust. Loading and unloading point, including coal transfer point will be provided with efficient water spraying arrangement.

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- Condition No. vi : PA informed that tree plantation programmed has been formulated for plating trees on mine site, road site and around coal yard, near ventilation fan.
- Condition No. vii : PA is agreed upon.
- Condition No. viii : This work is yet to be taken up.
- Condition No. ix : This work is yet to be taken up.
- Condition No. x : PA informed that one portable magazine will be constructed with in mine premises very soon. For this purpose action has already been taken. The handling and use of explosive is being done by taking all safety measure and under the supervision of competent officer.
- Condition No. xi : PA informed that detailed mine decommissioning plan will be submitted to the MOEF five years in advance for getting approval.
- Condition No. xii : This work is yet to be taken up.
- Condition No. xiii : This work is yet to be taken up.
- Condition No. xiv : This work is yet to be taken up.
- Condition No. xv : PA said that clearance will be obtained for mine closure plan and copy will be submitted to your office and Regional Office.

GENERAL CONDITIONS:

- Condition No. i : PA is agreed upon.
- Condition No. ii : PA is agreed upon.
- Condition No. iii : Ambient air quality is being monitored. Recently, it was checked by State Pollution Control Board and it was found to confirm he prescribe standard. SPM, NOX SO₂, CO parameter has been found not to exceed prescribed limit. Further PA informed that other monitoring station will be fixed very soon in consultation with State Pollution Control Board.
- Condition No. iv : This condition has been complied by putting on wet operated drills.
- Condition No. v : Water spraying arrangements on haul roads, loading and unloading point are provided by putting on mobile water tankers to control fugitive dust emissions. However, fugitive emission monitoring and analysis is not being done.
- Condition No. vi : Workers engaged in blasting and drilling operation are provided with ear plugs and muffs.
- Condition No. vii : Water from underground (seepage water) is settled down in underground sump and let out on surface by pump and is again properly treated / settled by providing settling tank.
- Condition No. viii : Not applicable
- Condition No. ix : Personnel working in dusty areas are provided with protective respiratory devices and training along with information's on safety and health aspects is given to them. There is system of monitoring health of every worker at internal of not more than 5 years and this practice is being followed.
- Condition No. x : In this regard PA informed that CMPDI is to be appointed as and analytical agency for the analytical of environmental samples.

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- Condition No. xi : At project level environmental management cell is headed by Sub Area Manager and is assisted directly by project nodal officer (Envl./SE (C)). At area level Chief General Manager heads the cell and assisted by Area Nodal Officer (Envl.). SECL.HQ / corporate level HOD (Envl.) heads Environmental department assisted by multi- disciplinary team of qualified and trained Engineers.
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- Condition No. xii : Details in this regards are not provided by PA.
- Condition No. xiii : PA is agreed upon.
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- Condition No. xiv : Copy of the letter has not been provided by PA.
- Condition No. xv : PA is agreed upon.
- Condition No. xvi : Applicable to SPCB
- Condition No. xvii : Advertisement has been appeared in the news paper namely, Dainik Bhaskar and Samay dated 20.10.04
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- Condition No. 3 : PA is agreed upon.
- Condition No. 4 : PA is agreed upon.
- Condition No. 5 : PA is agreed upon.

End note:- On the basis of above non-compliances, PA may be asked to take corrective measures.


(Joint Director)