



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FOREST &  
CLIMATE CHANGE

**SPEED POST**

क्षेत्रीय कार्यालय, पश्चिम क्षेत्र,  
Regional Office, Western Region  
"केन्द्रीय पर्यावरण भवन"

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भोपाल (म०प्र०)/Bhopal-462016 (M.P.)

अणुडाक /E-mail: rowz.bpl-mef@nic.in

Dated: 9.11.2015

18

No: 3-16/2008(ENV)/1285

To,  
Dr. S.K. Shrivastav,  
Scientist 'F'  
Ministry of Environment, Forest & CC,  
Indira Paryavaran Bhawan,  
Aliganj, Jor Bagh,  
New Delhi-110003

Sub: New Sethia OC Mine Project (0.20 MTPA) of M/s WCL at Sethia village, Tehsil Parasia,  
Chhindwara district, M.P. - regarding.


Ref: Ministry's letter No. J-11015/452/2007-IA.II (M) dated 19.2.2008.

महोदय,

मंत्रालय के उपरोक्त संदर्भित पत्रांकों के संदर्भ में उक्त परियोजना को पर्यावरणीय दृष्टिकोण से अनुमति देते समय अनुबद्ध शर्तों के अनुपालन एवं अनुवीक्षण प्रतिवेदन (मॉनिटरिंग रिपोर्ट) एतद् द्वारा संलग्न कर प्रेषित है। उक्त प्रतिवेदन में विशेष शर्त एवं सामान्य शर्त का अनुपालन असंतोषजनक है। अनुवीक्षण प्रतिवेदन मंत्रालय की वेबसाइट पर भी अपलोड की जा रही है। उपरोक्त अनुवीक्षण प्रतिवेदन (मॉनिटरिंग रिपोर्ट) सक्षम अधिकारी (अति.अपर प्रधान मुख्य वन संरक्षक, केन्द्रीय) द्वारा अनुमोदित है।

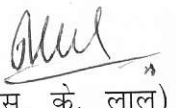
भवदीय,

संलग्न: उपरोक्तानुसार।

  
(डॉ. एस. के. लाल)  
वैज्ञानिक 'बी'

प्रतिलिपि: 1. The Dy. Director/Scientist 'C', Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Aliganj, Jor Bagh, New Delhi-110003 – for information and n/a.

2. The Area General Manager, Pench Area WCL, at: Parasia, Distt. Chhindwara (M.P.) - 480441 – for information.

  
(डॉ. एस. के. लाल)  
वैज्ञानिक 'बी'



**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (W) Bhopal**  
**Monitoring Report**  
**Part-I**  
**DATA SHEET**

S.N	Information Sought	Information
1	Project Type: River-valley/Mining / Industry/Thermal/Nuclear/others(specify)	Coal Mining
2	Name of Project	New Sethia OCM
3	Clearance letter(s)/OM No. & Date	J-11015/452/2007-IA.II(M) dated 19.2.2008
4	Location: a) District b) State c) Latitude/Longitude	Chhindwara M.P. 22°12'31'' - 22°13'19'' N/78°50'15'' To 78°51'46'' E
5.	Address for correspondence a) Address of the concerned project Chief Engineer (With Pin Code and telephone No.)  b) Address of the Executive project Engineer/Manager	C/O General Manager Pench Area WCL, at: Parasia, Distt. Chhindwara (M.P.) Pin:- 480441 07161-220058 Manager New Sethia OCM at post Chhinda, Dist. Chhindwara (M.P.) Pin:- 480441 Tel. 07161-262030
6	Salient features	<b>Salient Feature of the Project are as under</b> 1. Production Capacity : 0.20 Mty 2. Total Lease Area : 91.503 ha Agri. (Tenancy) Land : 50.579 ha Forest Land : Nil Waste Land (govt. Land) : 40.924 ha 3. Man power:(as on 10.06.08) : 242 4. Capital Investment : 1416.72 Lakhs (Rs in Lakhs 31.03.2008) 5. Method of Mining : Open Cast 6. Seam thickness:- Seam      Minimum      Maximum I          2.33Mtr      6.21 Mtr. II          1.36 Mtr.      2.70 Mtr. 7. Quality of Coal: Grade D & E (non coking) 8. Mine able reserve (Mt.) :- 0.24 (as on 01.04.2008)
	(b) Of the Environmental Management Plan	1. Large scale plantation shall be carried out within premises. 2. Frequency of air water monitoring noise will be as per EP Rules 2000 3. Controlled blasting as per DGMS norms so as to minimize the adverse effects due to ground vibrates all haul roads shall be regularly sprayed with water. 4. Overloading to vehicles shall be avoided
7.	Break up of project area.	Total : 144.453 hact. Agriculture land : 50.579 hact. Waste land (Govt.Land) : 40.924 hact. Additional Land : 52.95 ha

	Breakup of the project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling & agricultural land & landless laborers/ artisan	Land already in possession hence not applicable
9.	Financial details : a. Project cost as originally Planned and subsequent revised estimates and the year of price reference. b. Allocation made for Environmental Management Plan with item wise and year wise breakup c. Benefit cost ratio/internal rate of return and the Year or assessment. d. Whether includes the Cost of environmental Managements as shown in the above. e. Actual expenditure incurred on the project so far. f. Actual expenditure incurred on the EMP so far	a) Rs. 1224 Lakhs; Rs. 1416.72 Lakhs of Capital Investment as on 31.03.2008 b) Rs. 6 /- per tone c) - d) Yes e) 3.8694915 Crores. f) Environmental pollution control expenses will be met from a fixed cost provision of Rs. 6/- per tons.
10	Forest land requirement. a. The status of approval for diversion of forest land for non forestry use. b. The status of cleaning felling c. Comments on the viability & sustainability of compensatory Afforestation programmer in the light of actual field experience so far.	Nil Forest land not involved Not applicable
11.	The status of clear felling in non forest areas (such as submergence area or reservoir, approach roads), if any with quantitative information required.	Not applicable( No clearing/felling trees is involved in the project).
12	Status of construction (Actual and /or planned) (a) Date of commencement(Actual and /or planned) (b) Date of completion (Actual and or planned)	Mine is discontinued since June 2008.
13.	Reasons for delay if the project is yet to start	Due to some geological and technical reasons mine could not be started. Now, the process of re-initiation of mine through HOE is heading towards completion as the tender for the same has already been floated.
14.	Dates of site visits a) The dates on which the project was monitored by the RO on previous occasions, if any b) Date of site visits for this monitoring report	3.2.2009 26.10.2015
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.	As below
<b>Date Letter From RO</b>		<b>Date Reply from PA</b>
-		12.4.10 Quarterly monitoring report submitted
-		28.9.10 Quarterly monitoring report submitted
-		6.1.11 Quarterly monitoring report submitted
-		19.2.11 Six monthly compliance submitted
-		30.6.12 Six monthly report submitted
-		16.1.13 Six monthly compliance submitted
-		29.5.13 Request for certification
8.7.13 Information called for certification		-
18.9.13 Direction issued for certification		10.11.14 Copy of TOR submitted
29.5.15 Information called for certification again		28.7.15 Information for certification submitted

## PART – II & III

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

O.M. No.: J-11015/452/2007-IA.II (M) dated 19.2.2008

S. No.	SPECIFIC CONDITION	COMPLIANCE
i.	No external dumping of OB. The entire OB being generated in the balance life of mine shall be backfilled.	PA submitted that the mining operations have been discontinued since June 2008 due to non-finalization of outsourcing contract. Earlier the mine used to be operated departmentally but later it was decided to carry out the operations through HOE. However, contract was not finalized due to some technical difficulties the entire procedure of report preparation and Board approval had to be redone. During mining operations, the OB extracted would be accommodated in the de-coaled void. At present the entire area of mine pit and surrounding areas are look like abundant area filled with large quantity of water in the mine. The mine was operated up to June 2008 but no backfilling have been initiated not even after discontinuation. <b>Not Complied.</b>
ii.	Reclamation, monitoring and management of the existing external OB dumpsite should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the MOEF and its RO located at Bhopal on yearly basis.	PA submitted that reclamation, monitoring and management of the existing external OB dump site are regularly carried out. Some plantation done so far is as given below:- Around township:- 0.5 ha 1200 Nos External OB Dump: - 2.5 ha 6250 Nos. Internal OB Dump:- 21.5 ha 52550 Nos. Total: - 24.5 ha, 60000 Nos. The discontinued vegetation in some of the area has been seen during the monitoring and few patches of plantation without any fencing and protection. The PA has not submitted compliance status to RO Bhopal on yearly basis. <b>Not Complied.</b>
iii.	Catch drains and sedimentation ponds of appropriate size should be constructed to arrest silt and sediment from soil, OB and mineral dumps. The water so collected should be utilized for watering the mine area roads, green belt development etc. the drains should be regularly desilted & maintained properly. Garland drains (Size, gradient and length) and sump capacity should 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 should also provide adequate retention period to allow proper setting of slit material.	As per stipulation the entire area of mine pit and surrounding areas are look like abundant area filled with large quantity of water in the mine. The mine was operated up to June 2008 but no catch drains and sedimentation ponds are constructed even more garland drains and sump are not seen during the monitoring visit. The MOEF, New Delhi vide letter dated 5.7.2011 made non compliance observation on EC conditions. <b>Not Complied.</b>



v.	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data.	As reported in the RO Bhopal reported dated 14.5.2009 on the basis of visit dated 3.2.2009 the retaining wall was not constructed. The PA submitted that OB dump over the period of time has been consolidated to a large extent. Plantation of trees has further helped in this process of consolidation. However, rainfall data and details as per stipulation is not submitted. <b>Not Complied.</b>
v.	Mining shall be carried out as per statute at a safe distance from rivers/nullah flowing close to the lease boundary.	PA submitted that all precautions are taken under Coal Mines Regulation 1957 for working safe distance from river/nullah. It is noted that River Pench flows adjacent to the mine lease at a distance of only 50 mtrs. At present mine is closed. <b>No Compliance.</b>
vi.	The road for coal transport shall be black topped and avenue trees developed on both sides.	At present mine is closed. <b>No Compliance.</b>
vii.	Drills should be practices with use delay detonators.	At present mine is closed. <b>Agreed to Comply.</b>
viii.	Controlled blasting should be practiced with used of delay detonators. The mitigate measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented.	At present mine is closed. <b>Agreed to Comply.</b>
ix.	Area brought under a forestation shall be not less 61.727 ha and include, external OB dump (9.15 ha), backfilled area (52.077 ha), along ML boundary, along roads and area in township located within and outside the lease by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.	The plantation is done/claimed to be done only in 24.5 ha having about 60000 plants which includes township plantation and OB plantation. PA submitted that plantation is regularly carried out and in future more plantation will be taken up. <b>Compliance in progress.</b>
x.	A progressive Mine Closure Plan shall be implemented by reclamation of decoaled quarry area and afforestation by planting native plant species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.	The mine is closed since June 2008 and no progressive mine closure plan has been prepared and submitted. Even more no reclamation of decoaled quarry area and afforestation by planting native species is carried out. <b>Not Complied.</b>
xi.	Regular monitoring of groundwater level and quality should be carried out by establishing a network of Existing wells and construction of new peizometers. The monitoring for quantity should be done four times a year in pre-monsoon (May) monsoon (August), post-monsoon (Nov.) & winter (January) seasons and for quality in May. Data thus collected should be MOEF and to CPCB quarterly within one month of monitoring.	PA submitted that regular monitoring of groundwater level and quality is being carried out by establishing a network of existing wells and construction of peizometers by CMPDIL, Nagpur. However, no new peizometers shown during the visit. The data submitted along with quarterly report to RO Bhopal. <b>Compliance in progress.</b>
xii.	Digital processing of the entire lease area using remote sensing technique should be done regularly once in 3 years for monitoring land use pattern and report submitted to MOEF and its Regional office at Bhopal.	It is informed that digital processing of the entire lease area using remote sensing technique is being done. As the mine was closed no study report been submitted in last 3 years. <b>Compliance in progress.</b>

i.	The detailed final Mine closure plan along with details of Corpus Fund should be submitted within six months to the MOEF RO, Bhopal.	<b>Agreed to Comply with.</b>
<b>S.No.</b>	<b>GENERAL CONDITION</b>	<b>COMPLIANCE</b>
i.	No change in mining technology and scope of working should be made without prior approval of the MOEF.	<b>Agreed.</b>
ii.	No change in the calendar plan including excavation quantum of mineral coal and waste should be made.	<b>Agreed.</b>
iii.	Four AAQ monitoring systems should be established in the core zone as well as in the buffer zone for RPM, SPM, SO <sub>2</sub> , NO <sub>x</sub> & CO monitoring. Location of the station should be decided based on the meteorological data topographical features & environmentally and ecologically sensitive targets in consultation with SPCB.	PA submitted that 4 nos. AAQ monitoring station has been established to monitor RPM, SPM, NO <sub>x</sub> & CO and monitoring is being done. <b>Compliance in progress.</b>
iv.	Fugitive dust emission (SPM and RPM) from all sources should be controlled, regularly monitored and data recorded properly. Water spraying arrangements on haul roads, wagon loading dump-trucks (loading and unloading) should be provided and properly maintained.	Mine is closed no activity. <b>Agreed to Comply with.</b>
v.	Data on AAQ (SPM, RPM, SO <sub>2</sub> and NO <sub>x</sub> ) should be regularly submitted to the Ministry including its RO at Bhopal and to the SPCB and the CPCB once in six months.	AAQ monitoring 4 stations has been established to monitor and monitoring is being done. <b>Compliance in progress.</b>
vi.	Adequate measures should be taken for control of noise levels below 85 db(A) in the work environment. Workers engaged in blasting and drilling operations. Operation of HEMM, etc should be provided with earplugs/muffs.	Mine is closed no activity. <b>Agreed to Comply with.</b>
vii.	Industrial waste water (Workshop and waste water from mine) should be properly treated so as to conform to the standards prescribed under GSR 422 (E) dated 19.5.1993 and 31.12.1993 or as amended from time to time, oil and grease trap should be installed before discharge or workshop effluents.	Mine is closed no activity. <b>Agreed to Comply with.</b>
viii.	Vehicular emissions should be kept under control and regularly monitored Vehicles used for transporting the mineral should be covered with tarpaulins and optimally located.	Mine is closed no activity. <b>Agreed to Comply with.</b>
ix.	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the SPCB.	PA submitted that they have well equipped and recognized Environmental Laboratory of CMPDIL at Nagpur, which carries monitoring of air, water & noise levels. <b>Compliance in progress.</b>

x.	Personnel working in dusty area should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programmer of workers should be undertaken periodically to observe any contractions due to exposure to coal dust and take corrective measure if needed.	Mine is closed no activity. <b>Agreed to Comply with.</b>
xi.	A separate EMC with suitable qualified personnel should be set up under the control of a senior Executive who will report directly to the Head of the Company.	An environment management cell exists at the Project level headed by Sub Area Manger along with Nodal Officer of environment. <b>Complied.</b>
xii.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to Ministry and the RO at Bhopal.	PA submitted that there is separate account for the funds earmarked for environment protection measures of Rs. 30 Lakhs. However, details expenses and head wise/year wise details are not submitted during the visit. <b>Not Complied.</b>
xiii.	The RO of this Ministry situated at Bhopal shall Monitored compliance of stipulated conditions. The PA should extend full co-operation to the office (S) of the RO by furnishing the requisite data/ information / monitoring reports.	<b>Agreed upon.</b>
xiv.	A copy of this will be marked to concerned Panchayat/ local NGO, if any from whom any suggestion/ representation has been received while processing the proposal.	A copy of the clearance letter has already been forwarded to Sethia village Panchayat. <b>Being Complied.</b>
xv.	SPCB should display a copy of the clearance letter at the Regional office District industry Center and Collector's Office / for 30 days.	<b>This is related to State Pollution Control Board.</b>
xvi.	The PA should 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 clearance letter informing that the project has been accorded EC and a copy of the clearance letter is available with the SPCB and may also be seen at the website of the MOEF at the <a href="http://envfor.nic.in">http://envfor.nic.in</a>	The information/advertisement regarding the accordance of EC to the project has been advertised in two local newspapers widely circulated around the project on 29.2.2008 whereas EC issued on 19.2.2008. <b>Not Complied.</b>
3.	The Ministry or any other competent authority may stipulate any further condition for environmental protection.	<b>Agreed.</b>
4.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the EP Act, 1986.	<b>Agreed.</b>
5.	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 EP Act, 1986 and the PLI Act, 1991 along with their amendments and Rules.	<b>Agreed.</b>

**SUMMARY NOTE:**

1. **Implementation of Conditions:** It is inferred from the above that the implementations of environmental safeguards some are found unsatisfactory. The project discontinued since June, 2008. The mine area and office etc is in abounded condition, most of the conditions are not complied.
2. **Review w.r.f to MOEFs letter dated 30.5.2012:** The above mentioned report was prepared after site visit on 26.10.2015 for the proposed expansion from 0.20 MTPA to 0.50 MTPA within the existing mine lease increase from 91.503 ha to 144.453 ha at Village Sethia, Tehsil Parasia, District Chhindwara in Madhya Pradesh. The TOR was accorded by MOEF & CC vide its letter no. J-11015/452/2013-IA.II (M) dated 25.2.2014.
3. **Court Cases and show cause/closure notices:** PA submitted that there is no court case or notices on non compliance against the project in the last three years from state authority.
4. **Uploading of compliance on web site:** With regard to uploading of EC and compliance of conditions along with analytical reports on the web site of the company, PA has agreed to upload the same on company's website. However, Ministry may like to take up the matter with PA during presentation of expansion project.

**Counter Signed by:**

  
Addl. PCCF (C)

  
Scientist 'B'