



वेस्टर्न कोलफ़िल्ड्स लिमिटेड Western Coalfields Limited

(मिनीरल कंपनी) (A Miniratna Company)

(कोल इंडिया लि. की अनुषंगी कंपनी) (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



ITUW TSA
NEW DELHI 2024

क्षेत्रीय महाप्रबंधक कार्यालय, चंद्रपुर क्षेत्र / Office of Area General Manager, Chandrapur Area

पता: वेकोलि, चंद्रपुर क्षेत्र, पो. बाबुपेठ जि. चंद्रपुर, / Address: WCL, Chandrapur Area, Po- Babupeth,
महाराष्ट्र, पिन: 442403 Dist: Chandrapur, MS, Pin-442403

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संदर्भ संख्या: वेकोलि/चक्षे/क्षेमप्र/पर्यावरण/2024-25/ 359

दिनांक: 02.12.2024

प्रति,

अतिरिक्त प्रधान मुख्य वन संरक्षक,
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
क्षेत्रीय कार्यालय (WCZ),
भूतल, पूर्वी विंग, नया सचिवालय भवन,
सिविल लाइन्स, नागपुर- 440001

विषय: Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for **Chanda Rayatwari Colliery UG Mine** of Chandrapur Area, WCL (As on 01.10.2024)

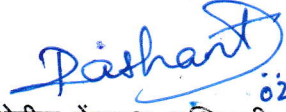
संदर्भ: EC letter No. J-11015/113/2006-IA-II(M) dtd: 17.10.2006

महोदय,

Please find enclosed herewith, Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for **Chanda Rayatwari Colliery UG Mine** of Chandrapur Area, WCL (As on 01.10.2024)

This for your kind information & necessary action please.

भ व दि य


02/12/24
क्षेत्रीय केंद्रस्थ अधिकारी (पर्यावरण)
वेकोलि, चंद्रपुर क्षेत्र

संलग्न: यथोपरी

प्रतिलिपी:

1. प्रादेशिक अधिकारी, महाराष्ट्र प्रदुषण नियंत्रण बोर्ड, उद्योग भवन, प्रथम तल, रेलवे स्टेशन रोड चंद्रपुर 442401
2. क्षेत्रीय महाप्रबंधक, वेकोलि, चंद्रपुर क्षेत्र
3. महाप्रबंधक (पर्यावरण), वेकोलि-मुख्यालय, नागपुर
4. ऑफिस कॉपी

SIX MONTHLY COMPLIANCE REPORT ON EC CONDITIONS

AS ON 01-10-2024

**CHANDA RAYATWARI COLLIERY
UNDER GROUND COAL MINE**



WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA

CONTENTS

1	Environmental clearance details
2	Present Status of Project Work Progress.(Part -I to Part-III)
3	Compliance Report against EC of Chanda Rayatwari UG Coal Mine. (Part IV)
4	Data Sheet.
5	Salient features of the project.

ANNEXURS

Sl.No.	DESCRIPTION
A	Copy of Environmental Clearance vide J-11015/113/2006-IA II(M) dt. 17.10.2006
B	Copy of Consent to operate granted by Maharashtra Pollution Control Board
C	Surface plan showing all environment related features.
D	Environmental Monitoring Report of CMPDI for April-2024 to September-2024
E	Ground water monitoring Report PERIOD 2023-24
F	Environmental Statement (2023-24)

**SIX MONTHLY COMPLIANCE STATUS REPORT OF
ENVIRONMENTAL CLEARANCE CONDITIONS
AS ON 01-10-2024**

Environmental clearance details

- Name of Mine /Area : **Chanda Rayatwari Colliery U/G Coal Mine
W.C.L.-Chandrapur Area**
- Location and Address : Colliery Manager,
Chanda Rayatwari Colliery,
P.O. Chandrapur, Dist. Chandrapur
(M.S.) PIN CODE: 442401
- Original Production : 0.06 Million Te./Yr.
- Expansion Production : 0.06 Million Te./Yr.
- Total Lease Area : 194.3 Ha.
- Agricultural(Tenancy land) : 166.0 Ha
- Govt. land : 10.35 Ha
- Forest Land : 17.95 Ha.
- Capital Cost : Rs. 2.01 Crore
- Original Environmental Clearance for 0.12 Million Te./Yr. Coal production vide letter no; J-11015 / 113 / 2006 / IA-II(M), dt: 17.10.2006.
- Public Hearing Conducted on 20.10.2005
- Consent to Operate for 0.06 Million Te./Yr. issued by MPCB on 01.01.2023 to 31.12.2024 . vide Consent No :- format 1.0 / APAEA Section / UAN No. MPCB- CONSENT- 0000191828/CR/2409000787 Dt. 12.09.2024

PRESENT STATUS OF PROJECT WORK

PART - I

Name of the Project	CHANDA RAYATWARI COLLIERY U/G COAL MINE.
Location	At-P.O. Chandrapur, Tahsil-Chandrapur, District-Chandrapur, Maharashtra State.
Address for correspondence	Manager, Chanda Rayatwari Underground Coal Mine, P.O.: Chandrapur, Distt. : Chandrapur (M.S.) - 442 401.
MoEF's Clearance No. & Date	J - 11015 / 113 / 2006 .I A - II (M), Dated - 17.10.2006.
Period of Status Report	01-04-2024 to 30-09-2024.
Date of Submission of Last Report	27.06.2024
Year of Commencement of Project work	1954

STATUS OF LAND ACQUISITION

TYPE OF LAND	REQUIRED AS PER EMP (In Hectares)	ACTUAL AREA ACQUIRED AS ON (In Hectares)
FOREST LAND (Zudpi Jungle)	17.95	17.95
GOVERNMENT LAND	10.35	10.35
PRIVATE LAND	166.00	166.00
TOTAL	194.30	194.30

STATUS OF LEGAL COMPLIANCE

A. Consent under Water (Prevention & Control of Pollution) Act	Consent to Operate under Air & Water Act & HW (M & H) Rules for a production capacity of 0.06 Million Te./Yr. obtained from MPCB on 01.01.2023 to 31.12.2024 . vide Consent No :- format 1.0 / APAEA Section / UAN No. MPCB- CONSENT-0000191828/CR/2409000787 Dt. 12.09.2024 (Mine Closure Activity)
B. Consent Fees under Water (Prevention & Control of Pollution) Act	Water Cess has been abolished by MPCB w.e.t. July 2017. Ground Water Abstraction Charges is being paid to CGWA.
C. Environment (Protection) Act	The project has been accorded Environmental Clearance by MOEF for 0.12 Million Te./Yr. on 17.10.2006 vide Letter No. J-11015/113/2006-IA.II(M)
D. Forest (Conservation) Act	Total Forest land (Zudpi Jungle) within the Leasehold is 17.95 Ha. Out of which 1.89 Ha is not required and proposal for diversion of 16.06 Ha is pending with Forest department.

PART - II

	AIR POLLUTION CONTROL	STATUS OF ENVIRONMENT
A.	No. of Ambient Air Monitoring Stations	04 Nos.
B.	* Name of the Locations	
	CD _R UA - 1	Manager Officer (Mahakali U/G).
	CD _R UA - 2	Substation/Filter plant.
	CD _R UA - 3	Colony
	CD _R UA - 4	Jatwara Milk Scheme.
C.	* Ambient Air Quality Stations for the Parameters prescribed by State Pollution Control Board. Manager Officer (Mahakali U/G). Substation/Filter plant. Colony Jatwara Milk Scheme.	The values of environmental parameters are within permissible limits as per the Environmental Monitoring Reports of CMPDI for the Month of April-2024 to September-2024
	WATER POLLUTION CONTROL	
A.	No. of Stations & Frequency of Monitoring	01 (Fortnightly)
B.	*Description of Locations	CD _R UW - 1 - Mine water Discharge.
C.	Average Concentrations of Major Pollutants prescribed by State Pollution control Board	As seen from the Environmental Monitoring for the Month of April-2024 to September-2024. the values of environmental parameters are within permissible limits..
D.	Quantity of Effluent discharged to Local Water Course in each season (in M ³ / day)	DRY SEASON : 1944 M ³ / day. WET SEASON : 1944 M ³ / day
	NOISE POLLUTION CONTROL	
A.	No. of Noise Monitoring Stations	02 No.
B.	Description of Locations & dB (A) Value	CD _R UN 1 - CHP. CD _R UN 2 - Colony.
C.	Average Concentrations of Major Pollutants prescribed by State Pollution control Board	As seen from the Environmental Monitoring for the Month of April-2024 to September-2024. the values of environmental parameters are within permissible limits..

Locations of the Sampling Stations have been delineated on the Working Mine Plan Detailed Report of Sampling & Analysis of Air quality, Effluent Quality and for the Month of April-2024 to September-2024. as per the Statute from a Standard & Approved Laboratory of CMPDIL are enclosed.

PART - III

STATUS OF IMPLEMENTATION OF PROVISIONS OF EMP AS ON 01.10.2024

Sl	PARTICULARS	Current Year 01.04.2024 to 30.09.2024			Progressive
1	Area Excavated (Hectares)	NA			
2	Top Soil Removed (MM ³)				
3	Overburden Removed (MM ³)				
4	Overburden Back-filled (MM ³)				
5	Overburden Dumped (MM ³)				
6	Area recovered for Physical Reclamation (Hectares)				
7	Area Reclaimed Biologically (Hectares)				
8	Annual Production : (Coal in M. Te., OBR in MM ³) Targeted Capacity OB-NIL COAL- Nil PresentCapacity :OB.-NIL COAL:- Nil		O.B.-NIL , as it is u/g mine. Coal – NIL. (Mine Production Closed From 10.08.2017)		

AFFORESTATION * (Nos.) :

Sl	LOCATION	Current Year	Progressive
1	External OB Dumps	NA	
2	Embankments	NA	
3	Safety Zone	NA	
4	Backfilled Areas	NA	
5	Other Areas	2700	2700 plants
	TOTAL		2700 plants
	Area under Plantation (Progressive)		1.70 HA
	No. of Plants per Hectare	NIL	2500 plants
	Species Planted	ACACIA,NEEM, ASHOKA, etc.	

REHABILITATION & RESETTLEMENT

- | | |
|-------------------------------------|------|
| 1. COMPENSATION FOR LAND ACQUIRED | N.A. |
| 2. COMPENSATION FOR HOUSES ACQUIRED | N.A. |

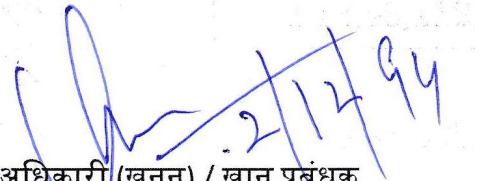
Organisation set up at Project Level(Name & Designation of the Personnel to be given)	Shri. Sonu K. Deshmukh , Colliery Manager, CRC., RSA, Chandrapur Area.
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CAPITAL EXPENDITURE ON POLLUTION CONTROL MEASURES as on 01.10.2024

Sl.No.	Head	From 01.04.2024 to 30.09.2024 In lakhs	Progressive in lakhs
I	AIR POLLUTION		
A	Mist spray system / fixed sprinklers installed / mobile tankers		
1	Spray System at CHP	Nil	4.50
2	Mobile Tanker (10 kl)	Nil	6.90
3.	Installation of fixed Water Sprinklers	Nil	11.80
	Total	Nil	23.20
B 1	Tarrying of 1.5 km long coal transport road	Nil	12.00
2	Approach road to weigh bridge	Nil	4.70
	Total		16.70
C 1	G.I. sheet cladding of coal handling plants	Nil	15.05
		Total	15.05
	TOTAL (A+B+C)		54.95
II	WATER POLLUTION		
1	Construction of Workshop Effluent Treatment Plant	Nil	Nil
2	Construction of Water treatment Plant for mine discharge	Nil	5.00
3	Construction of sewerage Network	Nil	20.60
4	Construction of settling tank at CRC	Nil	5.00
		Total	30.60
III	Construction of Eco-Park at Neem Vatika	96.02	96.02
	Total Capital expenditure (I+II+III)		181.57

REVENUE EXPENDITURE ON POLLUTION CONTROL MEASURES
as on 01.010.2024

ACCOUNT HEAD	01.04.2024 to 30.09.2024 (in Rs)	PROGRESSIVE APPROX. (in Rs)
Afforestation	Nil	Nil
Air Pollution Control	Nil	1,13,48,118.33
Water Pollution Control (O&M of Water treatment Plant,) and cleaning of muck from water tank.	Nil	85,36,635.60
Monitoring	Nil	99,34,774.00
Legal Expenses	Nil	11,73,000.00
Water Cess (Ground water Abstraction Charges)	Nil	12,11,572.50
Others (JVS by MPCB)(Dt.-16.06.2017)	Nil	71,030.00
T O T A L	Nil	3,22,75,130.43


2/12/24
वरीय अधिकारी (खनन) / खान प्रबंधक
चांदा रयतवारी कॉलरी

Project: CHANDA RAYATWARI COLLIERY

**COMPLIANCE STATUS REPORT AGAINST
ENVIRONMENTAL CLEARANCE**

Ref: No. J-11015/113/2006.IA.IIM dtd: 17.10.2006

Sl	A. Specific conditions	Compliance Status
I	All the conditions stipulated by MPCB in their NOC shall be effectively implemented.	Being implemented
ii	Mining shall not be carried in forest land for which forestry clearance has not been obtained under the provisions of FC Act, 1980.	This underground mine is a taken over mine since nationalization of coal mines and is an operating mine under control of WCL since 1/11/1975. The lease area of 194.30 Ha. was inherited by WCL for 30 years i.e. up to 31.10.2005 by virtue of nationalization which includes 17.95 ha of forest land of Zudpi Jungle involved in the above lease before enactment of FC Act, 1980. As such, the underground mining activities with hydraulic sand stowing have been done. Mine is closed from surface on 29.06.2019 and final mine closure activities are in progress. The application for renewal of forest land clearance under FC Act, 1980 has also been made vide our letter dated 27/29-07-2004. All these details have already been incorporated at page 47 to 48 in the EIA/EMP.
iii	Mining shall be carried out as per statute at a safe distance from the river and Nallah flowing within the lease boundary. At the time of depillaring, protective bunds and garland drains shall be provided so that no water from the surface enters the subsidence area and the shaft.	<u>Mining operation has been done as per statute & permission granted by DGMS.</u> Presently mine is closed from surface on 29.06.2019 and final mine closure activities are in progress.
Iv	While extracting panels in the lower seam, all water bodies in the subsidence area shall be drained. Dewatering of the old goaves of the upper seam shall be continued as long as the lower scam is worked to prevent accumulation of large water bodies over working area.	There is no overlying seam at CRC. There is only one seam as such this situation is not applicable in this particular mine.
v.	Sufficient coal pillars shall be left un-extracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	Sufficient coal pillar had been left un extracted around the airshaft as per statute.
vi.	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	<u>Mining operations has been carried out as per permission of DGMS under Reg. 105 of CMR-1957.</u> Presently mine is closed from surface on 29.06.2019 and final mine closure activities are in progress.
vii	No depillaring operation shall be carried out below the roads and village area found within the lease.	Depillaring operation is being carried out as per permission of Director General of Mines Safety under Coal Mines Regulations 1957. Presently mine is closed.
viii	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads and surrounds should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey soil/suitable material.	<u>Regular monitoring is being done as per the permission of depillaring granted by DGMS in line with the provisions of Coal Mines Regulation-1957 and related Technical Circulars of DGMS.</u> Presently mine is closed from surface on 29.06.2019 .
ix	Garland drains (size, gradient and length) around the safety areas such as mine shaft and low lying areas and sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and	Mine is closed from surface on 29.06.2019 and final mine closure activities are in progress.

	maximum discharge in the area adjoining the mine sites. Sump capacity should also provide for adequate retention period to allow proper settling of silt material.	
X	Crushers at the CHP should be operated with high efficiency bag filters and water sprinkling system should be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points etc.	Chanda Rayatwari Colliery is closed. Crusher is provided at CHP to crush coal received from other mines of Chandrapur Area and adequate water spraying system is provided to suppress the dust.
xi	Drills should be wet operated only.	N.A.
xii	Controlled blasting should be practiced with use of delay detonators	N.A.
xiii	A time-bound action plan for afforestation shall be prepared for implementation for area along ML boundary, along roads, vacant land and area in township 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 maximum land available is covered with plants and trees.
xiv	The company shall obtain approval of CGWA/CGWB Regional Office for use of ground water if any, for mining operations.	CGWA NOC obtained vide NOC No. CGWA/NOC/MIN/ORIG/2023/18983 dtd: 08.08.2023 valid upto 29.03.2024. Further renewal for two years upto 29.03.2026 has been applied.
xv	The company shall identify sites for construction of water harvesting structures for augmentation of ground water resource in consultation with the Panchayats of the village(s) in the affected areas and shall complete their construction within an agreed time frame.	Mine is closed from surface on 29.06 2019 and final mine closure activities are in progress.
xvi	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and construction of new piezo meters. The monitoring for quantity should 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 should be submitted to the Ministry of Environment & Forests and to the Central Pollution Control Board quarterly within one month of monitoring.	Regular monitoring of ground water level and quality is done in the buffer area of the mine through a network of observation wells as prescribed. Report of the same is regularly submitted to CGWA and MOEFCC
xvii	The project authorities should meet, water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	N.A.
xviii	ETP should be provided for workshop and CHP waste water.	Mine is closed from surface on 29.06.2019 and final mine closure activities are in progress.
xix	Besides carrying out regular periodical 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 agency such as NIOH, Ahmedabad within a period of one year and the results reported to this Ministry and to DGMS.	<p>WCL is having occupational health committee at the corporate (HQ) level as well as at the unit (Area/Project level).</p> <p>At corporate level, the committee consists of the following:</p> <ul style="list-style-type: none"> • Chief General Manager (Safety) • Chief of Medical Services • Periodical Medical Examination (PME) Incharge of HQ. <p>The committee scrutinizes the report of the area every quarter.</p> <p>At Unit level, the committee consists of the following –</p> <ul style="list-style-type: none"> • General Manager (Operations) • Area Medical Officer • Area Safety Officer • Periodical Medical examination (PME) Incharge of Area. <p>The above committee takes the review at area level every</p>

month. There are 11 hospitals having PME centres in the hospitals. The PME Centres are well equipped with Spirometry (Lung Function test), Audiometry (for testing hearing impairment) along with the facilities for X – Ray & other bio – Chemical tests.

The details are as follows :

Periodical Medical examination (PME) Centres 11
(Occupational Health Centres)

- Nos.of Doctors engaged in periodical medical Exam. 11
- Nos of Doctors trained in periodical medical Exam. 22
- Nos.of X – Ray machines (300 mA) 09
- Nos. of X – Ray machines (500 mA) 02
- Nos of ILO film tests 10
- Nos of Audiometer units 07
(4 units are under process of procurement)
- Nos.of Spirometer units 08
(3 units are under process of procurement)
- Nos.of Pathology Labs 11
- Nos.of X- ray technicians 14
- Nos.of Laboratory Technicians 22

All the PME Centres are fully computerized.

As per the statute/Mines Act,1952, all the workers are examined every five years and the disease profile is maintained in PME centres in different colour codes as given below :

- Yellow card - Hypertension
- Green card - Diabetes
- Red card - Ischaemic Heart Disease

The pneumoconiosis cases are also followed up regularly by the PME Centres. Recently WCL has started PME every two and half years for underground workers between the age group of 50 to 60 years.

The mineworkers who have been detected with hypertension or diabetes or Ischaemic heart disease, the records of those workers are well maintained are advised to attend OPD regularly. Attendants of the patient are also advised to take care regarding the diet and medication of the patient.

Workers exposed to high decibel machineries i.e. more than 90 decibels and are found to have developed hearing impairment, are subjected to repeated audiometric tests. Chronic obstructive Pulmonary disease cases are followed by regular Pulmonary functions tests.

In suitable cases, as per the recommendation of the Apex medical Board, the change of job is also suggested and implemented accordingly.

In addition, the Welfare Board of WCL time to time make visits to different area hospitals & PME Centres so as to take stock of the ground realities.

WCL is one of the nominee in the Governing Body of the National Institute of Miners Health (NIMH). An autonomous institute under Ministry of Coal & Mines, Govt.of India, Nagpur.

Recently, NIMH has asked WCL for intervention study in coalmines of WCL.

WCL has already given consent to NIMH regarding carrying out the above-mentioned study.

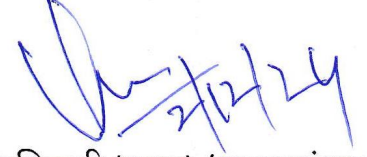
The subject work by NIMH has already been started in two mines of WCL. The workers, those are detected having

		lung diseases and hearing impairment, they are kept on constant monitoring & supervision under physicians and they are advised for periodical checkups and necessary Pulmonary function tests & Audiometry tests are done time to time. NIMH is also going to help WCL in such cases. As such, help from organization such as NIOH may not be required at present. As such, it is requested to waive of the condition of carrying out occupational survey through NIOH, Ahmedabad. This matter has already been taken up with MOEF vide letter no. WCL/HQ/ENV/3-B/1186 Dated : 19.10.2006
xx	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.	This work is awarded to CMPDI by WCL HQ. The latest copy of survey report is available at : http://www.westerncoal.in/images/Wardha_valley CF 2 019.pdf
xxi	A final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests of final mine closure for approval.	Final Mine closure plan shall be submitted to MOEF, 5 years before actual closure.
xxii	No mining operation shall be under taken until consent to operate is revalidated from SPCB.	Consent to Operate has been revalidated by MPCB on 01.01.2024 to 31.12.2024. vide Consent No :- format 1.0 / APAEA Section / UAN No. MPCB- CONSENT-0000191828/CR/2409000787 Dt. 12.09.2024.

Sl	B. General conditions	Compliance Status
i)	No .Change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	Noted
ii)	No change in the calendar plan including excavation, quantum of mineral coal and waste should be made.	Mine is closed from surface on 29.06.2019 and final mine closure activities are in progress.
iii)	Four ambient air quality monitoring stations should be established in the core zone as well as in the bluffer zone for SPM, RPM, SO2 and Nox monitoring,. Location of the stations should be decided based on the meteorological date, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.	Monitoring stations have been established in consultation with MPCB. 1. Manager Office (Mahakali U/G) 2. Sub Station - CRC 3. Colony 4. Jatwara Milk Scheme.
iv)	Fugitive dust emissions (SPM and RPM) from all the sources should be controlled, regularly monitored and data recorded properly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading and unloading) points should be provided and properly maintained.	This underground mine is closed. As such, only source of fugitive emission is during coal transportation by trucks from other units. <u>Water spraying arrangements along road and wagon loading is provided and maintained.</u>
v)	Data on ambient air quality (SPM, RPM, SO2 and Nox) should be regularly submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board and the Central Pollution Control Board once in six Months.	Data on ambient air quality is regularly submitted to MPCB & MOEF. Monitoring report April-2024 to August-2024. Is enclosed.
vi)	Adequate measures should 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 should be provided with ear plugs/muffs.	This Under Ground Mine is closed from surface on 29.06. 2019. Final mine closure activities are in progress
vii)	Industrial wastewater (workshop and wastewater of the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amended from time to time before discharge. Oil and grease trap should be installed before discharge of	This Under Ground Mine is presently closed from surface on 29.06 2019. Final mine closure activities are in progress.

	workshop effluents.	
viii	Vehicular emissions should be kept under control and regularly monitored. Vehicular used for transporting the mineral should be covered with tarpaulins and optimally loaded.	This Under Ground Mine is closed from surface on 29.06. 2019. Final mine closure activities are in progress
ix)	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.	It exists at CMPDIL, Nagpur and monitoring is entirely carried out by this institution.
x)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed.	N.A (This Under Ground Mine is closed from surface on 29.06 2019. Final mine closure activities are in progress.)
xi)	A separate environmental management cell 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.	At project level Env. Management Cell is headed by Sub Area Manager and is directly assisted by Project Nodal Officer. At Area level the C.G.M. heads the cell assisted by Area Nodal Officer (Env.). At WCL HQ/Corporate level HOD (Env.) heads the Env. Deptt. assisted by multi disciplinary team of qualified and trained engineers.
xii)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to this Ministry and its Regional Office at Bhopal.	Separate fund for environmental protection measure is being kept in separate account and year wise expenditure is being reported to the Ministry and its Regional Office at Bhopal.
Xiii	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information /monitoring reports.	Noted
Xiv	A copy of the environmental clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	Complied
Xv	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/Tehsildar's office for 30 days.	Noted.
Xvi	The Project authorities should advertise at lease in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven day of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the Ministry of Environment & Forests at http://envfor.nic.in .	Complied.
3	The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Noted
4	Failure to comply with any of the conditions mentioned	

	above may result in withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.	Noted
5	The above conditions will be enforced <i>inter-alia</i> , 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.	Noted



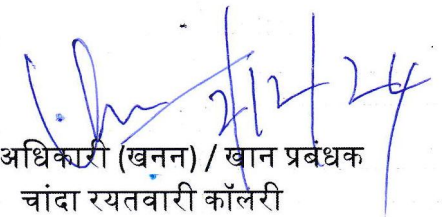
वरीय अधिकारी (खनन) / खान प्रबंधक
चांदा रयतवारी कॉलरी

**MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL
SAFE GUARDS
MINISTRY OF ENVIRONMENT & FORESTS-REGIONAL OFFICE(W), BHOPAL.**

**MONITORING REPORT
DATA SHEET**

1.	Project type: River- valley/Mining /Industry/ Thermal/Nuclear/Other (Specify)	MINING
2.	Name of the Project	CHANDA RAYATWARI COLLIERY
3.	Clearance letter (s)/ OM No. & date	J-11015/113/2006-IA .II (M), dtd. 17.10.2006 of Addl. Director, MoEF- NEW DELHI.
4.	Location	
	a) District	CHANDRAPUR
	b) State	MAHARASHTRA
	c) Latitude/Longitude	Latitude 19-58' to 19-54'-33" N Longitude 79-18'-04" to 79-19'-30" E
5.	Address for correspondence	
	a) Address for Concerned Project Chief Engineer (with Pin. Code & Telephone No./telex/Fax. Numbers	AREA GENERAL MANAGER WESTERN COALFIELDS LIMITED CHANDRAPUR AREA PO: BABUPETH (MAHARASHTRA) PIN- 442403 07172-253322..23..24..25 07172-256715,256124 Fax-07172-255287
	Address of Executive Project Engineer /Manager (with Pin. Code & Fax numbers)	COLLIERY MANAGER, CHANDA RAYATWARI COLLIERY, W.C.L.-P.O. CHANDRAPUR, Dist.- Chandrapur, Maharashtra.
6.	i) Salient features of the project ii) Salient features of the Environmental management Plan	Enclosed Enclosed
7.	Break up of the project area	194.30 Ha
	a) submergence area : forest & non forest	Not Applicable
	b) others	Pvt. Land.....166.00 Ha. Forest Land.....17.95 Ha. <u>Govt. land10.35 Ha</u> T O T A 194.30 Ha
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/artisan	Not Applicable
	a) SC, ST/ ADIWASI	Not Applicable
	b) Others (Please indicate whether these figures are based Available Record on any scientific and systematic survey carried out or only provision figures, if as survey is carried out give details and years of Survey).	Not Applicable
9.	Financial details :	
	a) Project cost as originally planned and subsequent revised estimates and year of price reference	Rs. 15.4485 Crores
	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	--
	e) Actual expenditure incurred on the Project so far.	Rs. 2.01 Crore
	f)Actual expenditure incurred on the environmental management plans so far	Capital -Rs. 181.57 lakhs (Progressive up to 30.09.2024). Revenue -Rs. 3,22,75,130.43 (progressive up to 30.09.2024). (Details given in Part-III)
10.	Forest land requirement: a) The status of approval for diversion of forestland for non-forestry.	Diversion of Forest Land under Forest Conservation Act 1980, mining lease of 17.95 Hec. Of forest land for underground mining has been applied to MOEF.
	b) The status of clearing felling	NOT APPLICABLE
	c) The status of compensatory afforestation, if any	NOT APPLICABLE
	d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far.	NOT APPLICABLE
11.	The status of clear felling in non-forest areas (such as reservoir, approach roads), if any with quantitative information.	NOT APPLICABLE
12.	Status of construction:	
	a) Date of commencement(Actual and/or planned)	Existing Mine
	b)Date of completion (Actual and /or planned)	
13.	Reasons for the delay if the project is yet to start.	Existing Mine, Year of Opening 1954
14.	Dates of site visits a) The dates on which the project was monitored by the Regional Office on previous occasions, if any.	Not yet visited
	b)Date of site visit for this monitoring report	Not yet visited
15.	Details of correspondence with project authorities for obtaining action 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 letters issued subsequently)	Not yet visited


 वरीय अधिकारी (खनन) / खान प्रबंधक
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SALIENT FEATURES OF THE PROJECT

Name of project	:	Chanda Rayatwari U/G Coal Mine Project
Capacity of project	:	0.06 Million Te./Yr.
• Capital Investment	:	Rs. 2.01 Crore
Life of project from	:	33 years (Mine production already closed 10-08-2017) (As per Environment clearance from MOEF)
Land Required	:	NIL
Quarry/Excavation Area.	:	N. A.
No. of Seams/Seam thickness	:	1/16.87 m
Depth of Working (Maximum)	:	210 mtr. BGL
Total Coal Production (Mine Production from 1954 Up to Mine production closed ie 10.08.2017)	:	60,09,551.000 Te..