



वेस्टर्न कोलफिल्ड्स लिमिटेड Western Coalfields Limited

(मिनीरत्न कंपनी) (A Miniratna Company)

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

CIN-U10100MH1975GOI018626



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

Email: anoenv.cha@coalindia.in

FAX:- 07172-255287

संदर्भ संख्या: वेकोलि/चक्षे/क्षेमप्र/पर्यावरण/2023-24/ 134

दिनांक: 21.11.2023

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 **Mahakali Colliery UG Mine** of Chandrapur Area, WCL (As on 01.10.2023)

संदर्भ: EC letter No. J-11015/113/2006-IA.II(M) dtd: 02.08.2006

महोदय,

Please find enclosed herewith, Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for **Mahakali Colliery UG Mine** of Chandrapur Area, WCL (As on 01.10.2023)

This for your kind information & necessary action please.

भ व दि य

Prashant
21/11/23

(प्रशांत अश्विनकुमार ठाकर)

क्षेत्रीय केंद्रस्थ अधिकारी (पर्यावरण)

वेकोलि, चंद्रपुर क्षेत्र

संलग्न: यथोपरी

प्रतिलिपी:

1. प्रादेशिक अधिकारी, महाराष्ट्र प्रदूषण 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

E M P SIX MONTHS COMPLIANCE REPORT

AS ON 01.10.2023

**MAHAKALI 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 (Part IV)
4	Data Sheet
5	Salient features of the project

ENCLOSURES

Annexure	DESCRIPTION
A	Approval of Mining Plan
B	Renewal of Mining Lease.
C& C1	Stage I Clearance under FC Act 1980& Compliance
D	CGWA NOC
E	Ground Water Level Monitoring Reports for period DEC 2022 (POST MONSOON), JAN-FEB -2023 (WINTER) & MAY-2023 (PRE-MONSOON)
F	Digital mapping of Vegetation cover.
G	Consent to operate for Mine closure activity valid upto 31.03.2025
H	Copy of EC submitted to Nagar Parishad
I	Copy of EC submitted to MPCB.
J	Advertisement of EC in two Local Newspapers.
K	Production Details of 5 Years.
L	Undertaking on court cases
M	CSR Activities
N	Environment Monitoring Reports April-2023 to September-2023
O	Surface plan showing all environment related features.
P	Environment Audit Statement 2022-23 Submission on Portal

WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA ENVIRONMENT DEPARTMENT

COMPLIANCE OF ENVIRONMENTAL CLEARANCE CONDITIONS

SIX MONTHLY STATUS AS ON 01.10.2023

Environmental clearance details

- Name of Project /Area : Mahakali Colliery
W.C.L.-Chandrapur Area
- Location and Address : The Manager,
Mahakali Colliery
P.O. Babupeth,
Dist. Chandrapur
(M.S.) PIN CODE: 442403
- Expansion Production : 0.40 Million Te. /Yr.
- Total Lease Area : 404.98 Ha.
- Agricultural (Tenancy land) : 128.32 Ha.
- Govt. land : 83.47 Ha.
- Forest Land : 193.19 Ha.
- Capital Cost : Rs. 293102191.69 up to 30.09.2023
- Environmental Clearance for 0.40 Million Te./Yr. Coal production vide letter no:
J-11015/113/2006-IA.II(M), dtd. 02.08.2006
- Public Hearing Conducted on 20.10.2005.
- **Existing Consent No. Format1.0/APAE Section/UAN No.0000149308/CR/2303001249 upto 31.03.2025**

PRESENT STATUS OF PROJECT WORK

PART - I

Name of the Project	MAHAKALI COLLIERY
Location	At Mahakali Colliery P.O. Babupeth, Tehsil- Chandrapur, District- Chandrapur, Maharashtra State.
Address for correspondence	The Mine Manager, Mahakali Colliery P.O. Babupeth, Dist. Chandrapur (M.S.) PIN CODE: 442403
MoEF's Clearance No. & Date	J-11015/113/2006-IA.II(M), dtd. 02.08.2006
Period of Status Report	01.04.2023 to 30.09.2023
Date of Submission of Last Report	12/06/2023
Year of Commencement of Project work	1922

STATUS OF LAND ACQUISITION

TYPE OF LAND	REQUIRED AS PER EMP (In Hectares)	ACTUAL AREA ACQUIRED AS ON 01.04.2022 (In Hectares)
FOREST LAND	193.19	193.19
GOVT. LAND	83.47	83.47
AGRICULTURAL LAND	128.32	128.32
TOTAL	404.98	404.98

STATUS OF LEGAL COMPLIANCE:

A.	Consent under Water (Prevention & Control of Pollution) Act	Existing Consent No. Format1.0/APAE Section/UAN No. 0000149308 /CR/2303001249 Valid upto 31.03.2025
B.	Consent Fees under Water (Prevention & Control of Pollution) Act	Consent fees of Rs 75000 is paid vide NEFT Dated 29.03.2022 against Consent to operate renewal application Dated 13.03.2022 Water cess paid upto Dec-2015.
C.	Environment (Protection) Act	The project has been accorded Environmental Clearance by MOEF for 0.40 Million Te./Yr. on 02.08.2006. Environment Statement for the Year 2022-23 has been submitted online to MPCB.
D.	Forest (Conservation) Act	Applied for Forest Clearance for 193.19 Ha on 18/20.1.2005. A temporary Forest Clearance was given for one year up to 2006 and Stage I clearance has been granted vide letter No. F.No.8-34/2007-FC from MOEF & CC dated 22.06.2018. The final Forest Clearance is still pending with concerned department. (Rs. 9,68,29,280 has been paid for the same.)

PART - II

	AIR POLLUTION CONTROL	STATUS OF ENVIRONMENT
A.	No. of Ambient Air Monitoring Stations	04 Nos.
B.	* Name of the Locations	
	CMUA1 (Core Zone)	Manager's Office (Mahakali Colliery)
	CMUA2 (Buffer Zone)	Substation
	CMUA3 (Core Zone)	Colony
	CMUA4 (Buffer Zone)	Jatwara Milk Scheme
C.	** Ambient Air Quality Status for the Parameters prescribed by State Pollution Control Board.	Average 95% Time Weighted Values. Well within the permissible limit.
	CMUA ₁ : Manager's Office (Mahakali Colliery)	As seen from the Environmental Monitoring Report for months April-2023 to September-2023 the values of environmental parameters are within permissible limits.
	CMUA ₂ : Substation	
	CMUA ₃ : Colony	
	CMUA ₄ : Jatwara Milk Scheme	
	WATER POLLUTION CONTROL	STATUS OF ENVIRONMENT
A.	No. of Stations & Frequency of Monitoring	01 (Fortnightly)
B.	*Description of Locations	
	CMUW ₁	Mine Water Discharge
C.	**Average Concentrations of Major Pollutants prescribed by State Pollution control Board	As seen from the Environmental Monitoring Report for months April-2023 to September-2023 the values of environmental parameters are within permissible limits.
D.	Quantity of Effluent discharged to Local Water Course from each course (in M ³ / day)	DRY SEASON: 615 KL per day. WET SEASON: 615 KL per day.
	NOISE POLLUTION CONTROL	
A.	No. of Noise Monitoring Stations	02 No.
B.	* Description of Locations & dB (A) Value	CMUN 1 –Near Fan House CMUN 2 –Colony
C.	**Average Concentrations of Major Pollutants prescribed by State Pollution control Board	As seen from the Environmental Monitoring Report for months April-2023 to September-2023 the values of environmental parameters are within permissible limits.

- Location of the Sampling Stations has been delineated on the Working Mine Plan Enclosed as **Annexure-O**
- Detailed Report of Sampling & Analysis of Ambient Air, water and noise Quality as per the Statute of Standard & Approved Laboratory: CMPDIL'S Report for the Months April-2023 to September-2023 are enclosed as **Annexure-N**
- Ground water level monitoring reports is enclosed as **Annexure-E**
- Environment Statement Submission details for the year 2022-23 is enclosed herewith as **Annexure- P**

PART – III

STATUS OF IMPLEMENTATION OF PROVISIONS OF EMPAS ON 01.10.2023

Sl	PARTICULARS	Current Year 01.04.23 to 30.09.23	Progressive
1	Area Excavated (Hectares)	Not applicable	Not applicable
2	Top Soil Removed (MM ³)	Do	Do
3	Overburden Removed (MM ³)	Do	Do
4	Overburden Back-filled (MM ³)	Do	Do
5	Overburden Dumped (MM ³)	Do	Do
6	Area recovered for Physical Reclamation (Hec.)	Do	Do
7	Area Reclaimed Biologically (Hectares)	Do	Do
8	Annual Production : (Coal in M. Te., OBR in MM ³) Targeted Capacity: 0.40Million T / Year Present Capacity: 0.15MillionT/Year	COAL: 00 Te. OBR: Not applicable	6.396 Million Te. Up to 30th Sept.- 2023

AFFORESTATION * (Nos.);

SI	LOCATION	Current Year	Progressive
1	External OB Dumps	---	---
2	Embankments	---	---
3	Safety Zone	---	---
4	Backfilled Areas	---	---
5	Other Areas	00	6030
	TOTAL	---	6030
Area under Plantation (Progressive)		2.5 Hectares.	
No. of Plants per Hectare		2,500	
Species Planted		Acacia, Shivan, Mango, Jamun, Teak, Bamboo, Gulmohar, Karanji, Sishoo, Behada, Neem.. etc.	

REHABILITATION & RESETTLEMENT

- 1. COMPENSATION FOR LAND ACQUIRED** – N. A.
- 2. COMPENSATION FOR HOUSES ACQUIRED** – N. A.

N. V. Reddy
18/11/23

Organisation set up at Project Level (Name & Designation of the Personnel to be given)	Shri N. V. Reddy, Chief Manager(M)/Colliery Manager Mahakali Colliery.
---	--

EXPENDITURE: CAPITAL (PROGRESSIVE as on 01.10.2023)**EXPENDITURE ON POLLUTION CONTROL MEASURES AT MAHAKALI COLLIERY as on 01.10.2023****I AIR POLLUTION****A) BLACK TOPPING OF ROADS/RCC PAVEMENT AT WEIGH BRIDGE as on 01.10.2023**

SI	Head	Current Year 01.04.23 to 30.09.23	Progressive Amount in Rs. Lakhs
1	Black Topping of road from coal bunker to ZerpatNallah (650 mtr)	NIL	34.40
2	RCC Pavement coal bunker	NIL	1.00
3	Black Topping of road near Weigh Bridge	NIL	1.50
4	Black Topping of approach road to Pratishtha Sand Bunker	NIL	1.50
	T O T A L	NIL	38.40

B)MIST SPRAY SYSTEM/FIXED SPRINKLERS INSTALLED/MOBILE TANKERS as on 01.10.2023

SI	Head	Current Year 01.04.23 to 30.09.23	Progressive Amount in Rs. Lakhs
1	Mist Spray System at CHP	NIL	1.35
2	Fixed Sprinklers at Coal Stock Yard	NIL	3.40
3	Mobile water tanker	NIL	2.42
	T O T A L	NIL	7.17


C) G.I.SHEET CLADDING OF COAL HANDLING PLANTS as on 01.10.2023

SI	Head	Current Year 01.04.23 to 30.09.23	Progressive Amount in Rs. Lakhs
1	Side Cladding of CHP	NIL	1
	T O T A L	NIL	1
	TOTAL I (A+B+C)	NIL	46.57

II	WATER POLLUTION		
SI	Head	Current Year 01.04.23 to 30.09.23	Progressive Amount in Rs. Lakhs
1	Treatment Plant for mine discharge	NIL	5.29
	T O T A L II	NIL	5.29
	TOTAL CAPITAL EXPENDITURE (I+II)	NIL	51.86

EXPENDITURE: REVENUE (in Rupees)m

ACCOUNT HEAD	Current Year 01.04.2023 to 30.09.2023	Progressive (Rs.)
Afforestation	NIL	2,40,561
Air Pollution Control (Including repairing of black top road from MKC CHP to CRC CHP 1.1 Km)	NIL	2,23,56,105(Approx.)
Water Pollution Control (Filter Plant)	NIL	1,98,46,898 (Approx.)
Monitoring	NIL	95,41,677(Approx.)
Legal Expenses (Consent fees)	NIL	27,71,500
Environmental Audit + Water Cess +Ground Water Extraction	NIL	86,51,885.80
Others (JVS by MPCB)	NIL	1,94,650
T O T A L	NIL	6,36,03,276.80 (Approx)


Chief Manager(M)/Colliery Manager
Mahakali Colliery.

PART-IV

Project : MAHAKALI COLLIERY
Environmental Clearance : FOR COAL PRODUCTION CAPACITY OF 0.40 M Te/Yr
Ref : No. J-11015/113/2006 .IA.II(M) dt; 02.08.2006

COMPLIANCE REPORT AGAINST ENVIRONMENTAL CLEARANCE

Sl	A. Specific conditions	Compliance Status
I	All the conditions stipulated by SPCB in their NOC shall be effectively implemented.	Conditions stipulated in the CTO are effectively implemented and compliance to those is regularly submitted. Mine operations have been discontinued since September 2021.
II	Approval for project renewal shall be obtained before expansion in production.	Mining plan has been approved in respect of Mahakali Colliery by MOC. Govt. of India vide letter No. 13016 / 18 / 2000 – CA - II Dtd. 18/10/2006. (Enclosed as Annexure-A)
III	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 application for renewal of forest land clearance under FC Act, 1980 has also been made vide our letter dated 22.07.2004 against which Stage I clearance has been granted vide letter No. F.No.8-34/2007-FC from MOEF & CC dated 22.06.2018(Copy Enclosed as Annexure-C). Compliance of conditions under stage I clearance has also been submitted vide Letter No. WCL / CHA / AGM / PLG / REV / 718 Dated 21/30.05.2019. A copy of compliance submitted is enclosed as Annexure-C I. Stage –II clearance is awaited.
V	While extracting panels in the lower seam, all water bodies in the subsidence area shall be drained. Dewatering of the old goafs of the upper seam shall be continued as long as the lower seam is worked to prevent accumulation of large water bodies over working area.	There is no overlying seam exist at MKC. There is only one composite seam of average thickness 17.5m,as such this situation is not applicable in this particular mine. Method of working adopted in this mine is Board and pillar, in which depillaring is being done in conjunction with hydraulic sand stowing. The voids created after extraction of coal are filled with sand stowing process, resulting there is no surface subsidence has so far been observed over working area. Hence there is no chance of accumulation of water bodies over working area due to extraction of coal.
VI	Sufficient coal pillars shall be left unextracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	At present, there are 2Nos. of air shafts are provided in this mine, one is for intake fresh air (Dia 4.8 Mts. Depth 21.02 m) and another one is for return air (Dia 3.65 Mts. Depth 19.81m). The Sufficient coal pillar of more than 15m thickness has been left unextracted around the air shafts as per statute. Moreover, entire extraction is carried out by hydraulic sand stowing. As such, there is no danger to air shaft from subsidence.
VII	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	The lease hold boundary of a mine is being crossed by Ballarpur bypass road. The minimum depth of cover below this road is about 115 m. No extraction of pillar is being carried out within and beneath 45m of Public Road as per Reg. 119 of Coal mine regulation 2017. Moreover, entire extraction is carried out in conjunction with hydraulic sand stowing. Hence no risk of damage to the road due to subsidence.

VIII	No depillaring operation shall be carried out below the roads and village area found within the lease.	<p>No extraction of pillar is being carried out within and beneath 45m of Public Road and village area as per Reg. 119 of Coal mine regulation 2017. However, Depillaring operation is being carried out with Hydraulic sand stowing by taking prior permission from DGMS under reg. 112 and Reg. 119 of Coal mine regulation 2017. Hence due to sand stowing no adverse impact on surface or damage to any road or village area has been observed. Year wise quantity of Sand stowing in last five years is as given below.</p> <table><tr><th>Year</th><th>Sand Stowing (m³)</th></tr><tr><td>2019-20</td><td>18945.09</td></tr><tr><td>2020-21</td><td>29722.76</td></tr><tr><td>2021-22</td><td>12706.01</td></tr><tr><td>2022-23</td><td>5214.52</td></tr><tr><td>01.04.2023 to 30.09.2023</td><td>6046.26 (up to Sept. 2023)</td></tr></table>	Year	Sand Stowing (m ³)	2019-20	18945.09	2020-21	29722.76	2021-22	12706.01	2022-23	5214.52	01.04.2023 to 30.09.2023	6046.26 (up to Sept. 2023)
Year	Sand Stowing (m ³)													
2019-20	18945.09													
2020-21	29722.76													
2021-22	12706.01													
2022-23	5214.52													
01.04.2023 to 30.09.2023	6046.26 (up to Sept. 2023)													
IX	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.	As production of MKC has been suspended from 30.09.2021. No extraction of coal is being carried out at present. However, regular monitoring of subsidence movement on surface is being done as per CMR 2017.												
X	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 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.	<p>Garland drains are provided in case of opencast mine. As this is an operating underground mine, the precautions being taken to prevent the risk of inundation due to surface water as well as underground water are covered under the provision of Reg. 149&150 of Coal Mines Regulations-2017 and the relevant circulars issued by DGMS time to time . The mine openings are also at an elevation of more than 3.00 m from H.F.L (178.960 m).Hence there is no danger of inundation due to surface water</p> <p>Elevation of Mine openings:</p> <ul style="list-style-type: none">• 182.316 m (No.1 Incline)• 184.305 m (No.2 Incline)• 182.725 m (air shaft old)• 184.361 m (air shaft new) <p>In underground, there is a main sump having capacity of 4.0 Million Gallon which is sufficient for providing adequate retention period to allow proper settling of silt material.</p>												
XI	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.	CHP not in Operation.												
XII	Drills should be wet operated only.	As indicated earlier, As production of MKC has been suspended from 30.09.2021, no drilling operation is being carried out at present.												
XIII	Controlled blasting should be practiced with the use of delay detonators .	As indicated earlier, As production of MKC has been suspended from 30.09.2021. no blasting operation is being carried out at present.												

XIV	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 hectare.	Being an underground mine there are very limited surface rights. Plantation is being done in and around dispensary, colony, road and other infrastructure. Total of 6030 Nos. of Plants have been planted which includes Ashoka, Neem, Mango, Cassia, Peepal etc. The plantation has been carried out through State Level Expert Forest Agencies.
XV	The company shall obtain approval of CGWA/CGWB Regional Office for use of ground water if any, for mining operations.	NOC from CGWA has been obtained vide CGWA/NOC/MIN/ORIG/2022/14561 dtd. 15.02.2022 valid upto 14.02.2024 Annex. D
XVI	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.	<p>Maximum mine discharge water is re-circulated into the mine itself for sand stowing purpose. The ground water level of all the wells is being regularly monitored and the water level is more or less static. Only an insignificant variation is observed during summer.</p> <p>From the above it can be inferred that there is no impact on ground water level at present due to the working of the mine under consideration. As such there are no affected areas in the vicinity, construction of water harvesting structures is not required at present.</p> <p>Still as a precautionary measure, presently a roof top rain water harvesting system is installed at Sub Area Office building and GM Office building.</p> <ol style="list-style-type: none"> 1. Sub Area Office : Roof top Area – 441 m² No. of recharge Pits – 2 Nos. 2. GM office : Roof Top Area – 1950 m² No. of recharge pits – 7 Nos.
XVII	Regular monitoring of ground water 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 (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 being done by Anacon laboratories for WCL. Report being submitted regularly. Last report submitted for the period PERIOD- DEC 2022 (POST-MONSOON), JAN-FEB -2023 (WINTER) & MAY-2023 (PRE-MONSOON) (Copy enclosed as Annexure- E)
XVIII	The project authorities should meet, water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	<p>As per Report on Monitoring of Ground Water level and Quality Analysis for the Period April-2023 to September-2023 there is no decline in water table observed. However, for meeting the needs of growing population, the project authority has taken adequate steps for supply of water to the neighboring community as detailed below :-</p> <p>The underground mine water is pumped to surface at water treatment plant which has two interconnected sedimentation tanks of capacity 75000 Gallons for primary settling and then water being treated with pressure filter of 1MLD capacity then treated water is supplied to surrounding areas. However the company has also installed 1 No. of RO plant of capacity 1000 Litre / Hour for providing drinking facility to nearby residents.</p>
XIX	Sewage treatment plant should be installed in the existing colony. ETP	Mine is operational since 1922. Colony is very old. No Space is available for construction of STP on the Surface. However, the sewage treatment in the


	should also be provided for workshop and CHP wastewater.	residential colony is carried out by already provided conventional soak pit followed by septic tank arrangement in each residential unit. There is only a pit workshop and no HEMM is there in this UG mine, as such there is no generation of effluent from workshop and hence no WETP is required. There is no CHP provided.												
XX	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>Year-wise details of PME in respect of Mahakali Colliery is as follows:</p> <table><tr><td>Year</td><td>Achieved</td></tr><tr><td>2019</td><td>191</td></tr><tr><td>2020</td><td>242</td></tr><tr><td>2021</td><td>125</td></tr><tr><td>2022</td><td>86</td></tr><tr><td>2023(Till 30th Sept. 2023)</td><td>24</td></tr></table> <p>Till date, no such incidence of occupational disease and hearing impairment has been recorded among the workers of this mine.</p>	Year	Achieved	2019	191	2020	242	2021	125	2022	86	2023(Till 30 th Sept. 2023)	24
Year	Achieved													
2019	191													
2020	242													
2021	125													
2022	86													
2023(Till 30 th Sept. 2023)	24													
XXI	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.	<p>This is an operational underground mine and activities are carried out below the ground hence Digital processing of working area is not possible.</p> <p>There are very limited surface rights for the mine.</p> <p>However, the vegetation cover mapping is done for Wardha valley coalfields as a whole by CMPDIL and excerpts for Mahakali showing land use pattern are enclosed as Annexure-F</p>												
XXIII	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.	<p>As per EC obtained in 2006 life of mine is 20 years. In respect of Mine closure plan, Escrow A/C (No.8973161002690) has been opened in year 2013 for Mahakali Colliery. Renewed A/c No. 897107600002248</p> <p>Total corpus in Escrow A/c is Rs 6,43,60,637/- (as on 31.03.2023). As per balanced extractable reserve i.e 5.942 MT. Total life of mine is 25 years. Final closure plan shall be submitted to MOEF 5 years before actual closure.</p>												
XXIV	Consent to operate shall be obtained before expanding mining operations..	Existing Consent No. Format1.0/APAE Section/UAN No. 0000149308 /CR/2303001249 Valid upto 31.03.2025 (Copy enclosed as Annexure-G)												

Sl	B. General conditions	Compliance
i)	No .Change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	No change in Mining Technology & scope of working has been made nor envisaged in future. Extraction of coal is being done by Bord and Pillar method and depillaring operation is being done in conjunction with Hydraulic sand stowing. In case, any different method of extraction is proposed, prior approval will be taken from MoEF before commencement of any operation.

ii)	No change in the calendar plan including excavation, quantum of mineral coal and waste should be made.	<p>No change in the calendar plan for quantum of mineral coal has been made nor envisaged in future. It is an underground mine, as such there is no excavation & no waste generation. This is an underground mine; coal production target is well within EC limit. EC has been granted for Coal production capacity of 0.4 MTPA and Coal production details for last 5 years is as given below:</p> <table><tr><th>Year</th><th>Production (Te.)</th></tr><tr><td>2018-19</td><td>1,18,000</td></tr><tr><td>2019-20</td><td>83,000</td></tr><tr><td>2020-21</td><td>80,572.61</td></tr><tr><td>2021-22</td><td>28712.38</td></tr><tr><td>2022-23</td><td>0.00</td></tr><tr><td>2023-24 (till 30.09.2023)</td><td>NIL (Production discontinue 30.09.2021)</td></tr></table>	Year	Production (Te.)	2018-19	1,18,000	2019-20	83,000	2020-21	80,572.61	2021-22	28712.38	2022-23	0.00	2023-24 (till 30.09.2023)	NIL (Production discontinue 30.09.2021)
Year	Production (Te.)															
2018-19	1,18,000															
2019-20	83,000															
2020-21	80,572.61															
2021-22	28712.38															
2022-23	0.00															
2023-24 (till 30.09.2023)	NIL (Production discontinue 30.09.2021)															
iii)	Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for SPM, RPM, SO2 and Nox monitoring,. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.	<p>Four monitoring stations have been established in consultation with MPCB covering core and buffer zone.</p> <p>1) Manager Office(Mahakali U/G)- Core Zone 2) Sub Station – CRC – Buffer Zone 3) Colony – Core Zone 4) Jatwara Milk Scheme.- Buffer Zone</p>														
iv)	Fugitive dust emissions (SPM and RPM) from all the sources should be controlled and 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.	As production of Mahakali Colliery has been suspended from 30.09.2021. There are no sources of Fugitive dust emissions.														
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 being regularly submitted to MPCB & MOEF. Latest report on Air quality for the month of September 2023 has been submitted vide email anoenv.cha@coalindia.in on dated 29.10.2023.														
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 is an underground mine, thus there is no HEMM. All machineries viz. Haulages, belt conveyors, side discharge loaders are deployed in underground. Proper lubrication of all machineries is ensured. Noise levels of underground machineries are well within permissible limit i.e 85dBA as per monitoring reports enclosed as Annexure-N and noise level control measures in underground workings are covered under Coal Mines Regulation-2017 as well as DGMS (Tech) circular 18 of 1975.														
vii)	Industrial waste water (workshop and wastewater from 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 workshop effluents.	This is an underground mine and there is no HEMM. As such there is no workshop with washing facilities for HEMM (Pit head workshop provided with lathe machines etc.) and hence there is no question of effluent from workshop. Therefore, the issue of providing oil & grease trap for workshop effluent does not arise. Mine water discharge is allowed to settle on two interconnected sedimentation tanks of capacity 75000 gallons (341 cum) together and then treated with pressure filter of 1 MLD capacity. Treated water further supplied to nearby residents for domestic usage. The mine pumped out water is monitored every fortnight as per Environment Protection Amendment Rule, 2000.														
viii)	Vehicular emissions should be kept under control and regularly monitored. Vehicles used for transporting the mineral should be covered with tarpaulins and optimally loaded.	As production of MKC has been suspended from 30.09.2021, there is no transportation of coal is being carried out.														
ix)	Environmental laboratory should be established with adequate number and type of pollution monitoring and	A well equipped, NABL accredited lab exists at CMPDIL, Nagpur and														

	analysis equipment in consultation with the State Pollution Control Board.	monitoring is entirely carried out by CMPDIL.														
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 program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed.	Dust masks are provided to personnel working in dusty areas and control measures are being taken against dust generation by providing regular water spraying arrangement at the workings, and Adequate training is being imparted to worker and SOPs (Safe operating procedures) are distributed among workers giving information on safety and health aspects. Periodical medical examination is done once in five years. PME details are as follows: <table><tr><td>Year</td><td>Achieved</td></tr><tr><td>2019</td><td>191</td></tr><tr><td>2020</td><td>242</td></tr><tr><td>2021</td><td>125</td></tr><tr><td>2022</td><td>86</td></tr><tr><td>2023(Till 30th Sept. 2023)</td><td>24</td></tr></table> Till date no such incidence of occupational disease and hearing impairment has been recorded.	Year	Achieved	2019	191	2020	242	2021	125	2022	86	2023(Till 30 th Sept. 2023)	24		
Year	Achieved															
2019	191															
2020	242															
2021	125															
2022	86															
2023(Till 30 th Sept. 2023)	24															
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 [Env./Dy.M(C)]. At Area level the A.G.M. heads the cell assisted by Area Nodal Officer (Env.). At Corporate level GM (Env.) heads the Env. Deptt. assisted by multi disciplinary team of qualified and trained engineers who reports directly to the Director (Technical)														
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 has been kept in separate account and year wise expenditure is being reported to the Ministry. Yearwise details of expenditure for Mahakali Colliery is as follows: <table><tr><td>Year</td><td>Expenditure(Lakhs)</td></tr><tr><td>2017-18</td><td>86.65</td></tr><tr><td>2018-19</td><td>76.88</td></tr><tr><td>2019-20</td><td>89.28</td></tr><tr><td>2020-21</td><td>76.49</td></tr><tr><td>2021-22</td><td>Nil (Mine discontinued from 30.09.2021)</td></tr><tr><td>2022-23</td><td>Nil (Mine discontinued from 30.09.2021)</td></tr></table>	Year	Expenditure(Lakhs)	2017-18	86.65	2018-19	76.88	2019-20	89.28	2020-21	76.49	2021-22	Nil (Mine discontinued from 30.09.2021)	2022-23	Nil (Mine discontinued from 30.09.2021)
Year	Expenditure(Lakhs)															
2017-18	86.65															
2018-19	76.88															
2019-20	89.28															
2020-21	76.49															
2021-22	Nil (Mine discontinued from 30.09.2021)															
2022-23	Nil (Mine discontinued from 30.09.2021)															
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.	Full Cooperation will be extended from project authorities for monitoring the EC compliance.														
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.	Copy of EC submitted to Panchayatvide letter no. WCL/CHA/GM/ENV/1414/1526 Dated 20/21.08.2006. (Copy enclosed as Annexure-H)														
xv)	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/Tahsildar's office for 30 days.	Copy of environment clearance submitted to MPCB vide letter no. WCL/CHA/GM/ENV/1413/1523 Dated 20/21.08.2006 (Copy enclosed as Annexure-I)														
xvi)	The Project authorities 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 environmental clearance	Advertised in two local newspapers i.e. Dainik Hindi Mahavidharbha and Dainik Chandrapur Samachar on dated 22.08.2006 (copy enclosed as Annexure-J).														

	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 .	
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


Chief Manager(M)/Colliery Manager
Mahakali Colliery


MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS
MINISTRY OF ENVIRONMENT & FORESTS OFFICE(W),BHOPAL.

MONITORING REPORT

DATA SHEET

1.	Project type :River- valley/Mining /Industry/Thermal/Nuclear/Other (Specify)	MINING
2.	Name of the Project	MAHAKALI COLLIERY
3.	Clearance letter (s)/ OM No. & date	J-11015/113/2006-IA.II(M), dtd. 02.08.2006 of Addl. Director, MoEF- NEW DELHI.
4.	Location	
	a) District	CHANDRAPUR
	b) State	MAHARASHTRA
	c) Latitude/Longitude	Latitude 19-56'-12" to 19-58'-28" N Longitude 79-18'-07" 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)	THE MINE MANAGER MAHAKALI COLLIERY,W.C.L.-P.O. BABUPETH Dist-Chandrapur-Maharashtra
6.	Salient features of the project	Enclosed as A
7.	Break up of the project area	404.98 Ha
	a)submergence area : forest & non forest	Not Applicable
	b)others	Agricultural.....128.32 Ha. Forest Land.....193.19 Ha. <u>Govt. land 83.47 Ha</u> T O T A L 404.98 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 labourers/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 referenc	
	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 90884078.19 up to 30.09.2023
	f)Actual expenditure incurred on the environmental management plans so far	Capital-Rs. 51,86,000(Progressive as on 30.09.2023) Revenue-Rs. 6,36,03,276.80 (Approx) (Progressive as on 30.09.2023) (Details given in Part-III)
10.	Forest land requirement:	Applied to MOEF for diversion of 193.19 Ha. of forest land for underground mining under Forest Conservation Act 1980,
	a) The status of approval for diversion of forest land for non-forestry.	
	b) The status of clearing felling	NOT APPLICABLE
	c) The status of compensatory afforestation, if any	Rs. 9,68,29,280 has been deposited as NPV to Forest Department.
	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)	1922
	b)Date of completion (Actual and /or planned)	20 years from 2006 as per EC
13.	Reasons for the delay if the project is yet to start.	Not Applicable
14	Dates of site visits	
	a)The dates on which the project was monitored by the Regional Office on previous occasions, if any.	Not Applicable
	b)Date of site visit for this monitoring report	--
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)	No. 3-25/2006(ENV)/2321 dt; 19.01.2007 of Addl .Director (S) - MOEF-BHOPAL


 Chief Manager(M)/Colliery Manager
 Mahakali Colliery

SALIENT FEATURES OF THE PROJECT

Name of project	:	Mahakali Colliery
Capacity of project	:	0.40 Million Te./Yr.
• Capital Investment	:	Rs. 293102191.69 up to 30.09.2023
Life of project	:	20 years from the year 2006 (As per EC)
Land Required	:	404.98 Ha.
No. of Seams/Seam thickness	:	1/17.5 m
Depth of Working (Maximum)	:	338 mtrs. BGL
Total Coal Production	:	6.397 Million Te. (Approx.)
(From 12.04.1974 to till 31.03.2023)		
Total over Burden removal	:	NA
Stripping Ratio	:	NA

No.J-11015/113/2006-IA.II(M)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi - 110003.

Dated: 2nd August 2006

To
Head of Dept. (Env. (Civil),
M/s Western Coalfields Ltd.,
Coal Estate, Civil Lines,
Nagpur- 440001.

Sub: Mahakali Underground Coal Mine Expansion Project (from 0.168 MTPA to 0.40 MTPA) of M/s Western Coalfields Ltd. (WCL), located in village Babupeth, Tehsil & District Chandrapur, Maharashtra - environmental clearance - reg.

Sir,

This has reference to letter No. 43011/50/2006-CPAM of Ministry of Coal dated 23.05.2006 forwarding your application and letter of M/s Coal India Ltd. dated 18.05.2006 and your letters dated 02.06.2006 and 19.07.2006 on the above-mentioned subject. The Ministry of Environment & Forests has considered your application. It has been noted that the project is for **expansion in production of the existing Mahakali Underground Coalmine Project. The total lease area is 404.98 ha** of which 128.32 ha is agricultural land, 193.19 ha is forestland, and 83.74 ha is Govt. land. Of the total lease area, area for UG mining is 404.98 ha, 3 ha is for green belt, and 42.17 ha is others including sand stowing. There are no National Parks, Wildlife Sanctuary, Biosphere Reserves found in the 10 km buffer zone. River Zarpat flows at a distance of 5 km from the ML boundary and the Khadkali nala flows adjacent to ML. The project does not involve modification of the natural drainage. No embankment is proposed. Project does not involve R&R. Mining is underground by semi-mechanised method. **Expansion of the rated capacity of the mine is from 0.168 million tonnes per annum (MTPA) to 0.40 MTPA of coal production.** Mineral transportation of **650 TPD** of coal is by rail. Railway siding is situated at a distance of 500m from the ML and mineral transportation thereto is by road. Ultimate working depth of the mine is 290m below ground level (bgl). Water table is in the range of 2-17 m bgl in the core zone and 2.30 - 14.25m bgl in the buffer zone. Mining will intersect water table. Peak water requirement is 3185m³/d, of which 2800 is for sand stowing and 250 m³/d is for township. The entire water requirement will be met from mine pit water. Public Hearing was held on 27.10.2005. NOC has been obtained on 10.03.2006. Life of the mine at the rated capacity is 20 years. The project is awaiting approval for renewal. The capital cost of the project is **Rs. 996 lakhs.**

2. The Ministry of Environment & forests hereby accords environmental clearance for the above-mentioned **Mahakali Underground Coal Mine Expansion Project of M/s WCL for production of coal at 0.40 MTPA rated capacity** under the provisions of the Environmental Impact Assessment Notification, 1994 and subsequent amendments thereto subject to the compliance of the terms and conditions mentioned below:

A. Specific Conditions

- (i) All the conditions stipulated by SPCB in their NOC shall be effectively implemented.
- (ii) Approval for project renewal shall be obtained before expansion in production.
- (iii) Mining shall not be carried in forestland for which forestry clearance has not been obtained under the provisions of FC Act, 1980.

over working area.

- (vi) Sufficient coal pillars shall be left unextracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.
- (vii) Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.
- (viii) No depillaring operation shall be carried out below the roads and village area found within the lease.
- (ix) 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 surroundings 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.
- (x) 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 an above the peak sudden rainfall and 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.
- (xi) 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.
- (xii) Drills should be wet operated only.
- (xiii) Controlled blasting should be practiced with use of delay detonators.
- (xiv) 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.
- (xv) The company shall obtain approval of CGWA/CGWB Regional Office for use of groundwater if any, for mining operations.
- (xvi) The company shall identify sites for construction of water harvesting structures for augmentation of groundwater resource in consultation with the panchayats of the village(s) in the affected areas and shall complete their construction within an agreed time-frame.
- (xviii) Regular monitoring of groundwater level and quality should be carried out by establishing a network of existing wells and construction of new piezometers. 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.

- (xix) The project authorities should meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
- (xx) Sewage treatment plant should be installed in the existing colony. ETP should also be provided for workshop and CHP wastewater.
- (xxi) 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 agency such as NIOH, Ahmedabad within a period of one year and the results reported to this Ministry and to DGMS.
- (xxii) 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.
- (xxiii) 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.
- (xxiv) Consent to Operate shall be obtained before expanding mining operations.

B. General Conditions

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.
- (ii) No change in the calendar plan including excavation, quantum of mineral coal and waste should be made.
- (iii) Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for SPM, RPM, SO₂ and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.
- (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.
- (v) Data on ambient air quality (SPM, RPM, SO₂ and NO_x) 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.
- (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.
- (vii) Industrial wastewater (workshop and wastewater from the mine) should 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 should be installed before discharge of workshop effluents.


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.

- (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.
- (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.
- (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.
- (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.
- (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.
- (xvi) The Project authorities 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 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>.

3. The Ministry or any other competent authority may stipulate any further condition for environmental protection.

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.

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 Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.


(Dr. T. Chandini)
Additional Director

Copy to:

1. Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment & Forests, Government of Maharashtra, 15th Floor, New Admn. Building, Madam Cama Road, Mumbai - 400032.
3. Chief Conservator of Forests, Regional office (WZ), Ministry of Environment & Forests, E-2/240, Arera Colony, Bhopal - 462016.
4. Chairman, Maharashtra State Pollution Control Board, Kalapatru Point, 3rd & 4th Floor, Sion Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 40002.
5. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi -110032.
6. Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
7. District Collector, Chandrapur, Government of Maharashtra, New Delhi.
8. Shri M.K. Shukla, CGM, Coal India Limited, SCOPE Minar, Core-I, 4th Floor, Vikas Marg, Laxminagar, New Delhi.
9. Monitoring File 10. Guard File 11. Record File

$\frac{9}{10}$

Shastri Bhawan, New Delhi, dated 18.10.2000.

Chairman-cum Managing Director
Western Coalfields Ltd
Nagpur.

Subject:- Approval of Mining Plan in respect of (i) Ballarpur Colliery 3 & 4 and Ballarpur Open-cast Mine, and Nundgaon UG Mine & Manba UG Mine, (ii) Hindustan Lalpeth Colliery I & III, (iii) Mahakali UG Colliery, (iv) New Majri UG Colliery No. 3 & New Majri Open-cast I & II (Amalgamated Mine) and (v) Rawanwara Khas Colliery of Western Coalfields Limited (WCL).

Sir,

I am directed to refer to your letter No. WCL/OSD(LR) REV-937 dated 12.8.2006 on the subject mentioned above and to convey approval of the Mining Plans in respect of (i) Ballarpur Colliery 3 & 4 and Ballarpur Opencast Mine, and Nandgaon UG Mine & Munha UG Mine, (ii) Hindusthan Lalpeth Colliery I & III, (iii) Muhakali UG Colliery, (iv) New Majri UG Colliery No 3 & New Majri Opencast I & II (Amalgamated Mine) and (v) Rayanwara khas Colliery of Western Coalfields Limited (WCL) under Section 5 (2) (b) of the MMDR Act 1957 by the Central Government.

The approval of the Mining Plans is without prejudice to the requirement of approvals from competent/prescribed authority under the relevant rules/regulations etc. Two copies each of the approved mining plan are enclosed herewith.

Yours faithfully,

(Alice Kujar) 7/10/10

Under Secretary to the Govt. of India

Sh. Rai
Vijay
31/10

2/2/06

CHANDRAPUR DIST:-CHANDRAPUR
MAH/CCRA/41/YEAR - 2000

R. 0600000 PB 0121
INDIA STAMP DUTY MAHARASHTRA

DISTRICT REGISTRAR
& COLLECTOR OF STAMPS
CHANDRAPUR DIST:-CHANDRAPUR
MAH/CCRA/41/YEAR - 2000

ADHESIVE
195513 SEP 03 2011
R. 0600000 PB 0121
INDIA STAMP DUTY MAHARASHTRA

DISTRICT REGISTRAR
& COLLECTOR OF STAMPS
CHANDRAPUR DIST:-CHANDRAPUR
MAH/CCRA/41/YEAR - 2000

ADHESIVE
140519 SEP 03 2011
R. 0014949 PB 0121
INDIA STAMP DUTY MAHARASHTRA

नव Western Coalfields Ltd.
विम्वर रु 92,98,288/- (अक्षरी) चंद्रपुर क्षेत्र
जोडा. हजार नऊशे मुळी नापल्याला फ. 4.47
भारतीय सं. सं. शाखा जळपूर रोड,
चंद्रपुर येथे चलन क. 329
R. 3. / E. / 2009/2010 चंद्रपुर येथे आहे.

FORM K

MODEL FORM OF MINING LEASE
(See rule 31)

मुख्यालय दुय्यम निबंधक वकी १
चंद्रपुर

Ref:- Approved mining lease for coal for mining over an area of 404.98 Hectors in village Chanda Rayatwari, Babupeth Nazul, Tahsil & Distt. Chandrapur for a period of 20 years vide Under Secretary to Govt., Industries, Energy and Labour Deptt., Mantralaya, Mumbai 400032.
order no. MMN-1008/C.R.2676/IND-9 Dated 7th Sept. 2010

THIS INDENTURE made this 6th day of September 2011 between the Governor of Maharashtra /the President of India (hereinafter referred to as the 'State Government' which expression shall where the context so admits be deemed to include the successors and assigns) of the one part and Western Coalfields Limited, Chandrapur Area a company registered under the Company's Act and having its registered office at "Coal Estate, Civil lines, Seminary Hills, Nagpur (herein referred to as the "Lessee" which expression shall where the context so admits be deemed to include its successors and permitted assigns), of other part.

CND

OF THE SUB-REGISTRAR
CHANDRAPUR

msn

मुख्यालय दुय्यम निबंधक वकी १
चंद्रपुर

दस्तावेजाचा प्रकार (Nature of Document)	मायलिंग लिज
दस्तावेजाचा तपशील (Registration Details)	Chandrapur
दस्तावेजाचा युनिक नंबर (S.R.O.)	① 125513 ② 195513 ③ 140513
मिळकतीचे क्षेत्र (Property District)	Chandrapur
मोबदला रक्कम (Stamp Duty)	404.98
मुद्राक रकम (Stamp Price)	Western Coalfields Ltd.
दस्तावेजाचे नाव (Name of)	Chandrapur
दस्तावेजाचे अर्थ (If through)	
मुद्राक शुल्काचे अक्षरी (In words)	चार लाख चौदा हजार नव्वो
प्राधिकृत अधिकारी (Authorized Officer)	पंचम पन्नास फक्त

[Signature]
मुद्राक शुल्क निबंधक कार्यालय
चंद्रपूर

बॉम्बे स्टॅम्प एक्ट १९५८ च्या अनुषंगाने

46/2011
Office of the collector of Stamp
dated 30/9/2011

M/S. Western Coalfields Ltd.

28,35,560/- Twenty eight Lakhs Thirty Five Thousand five hundred sixty only

40,50,500/- Forty Lakhs Fifty Thousand five hundred only

Bombay Stamp Act 1958

Chandrapur

Dated 2/12/11

[Signature]
Collector of Stamp



F. No. 8-34/2007-FC
Government of India
Ministry of Environment, Forests and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi-1100 03.
Dated: 22nd June, 2018

To,
The Principal Secretary (Forests),
Government of Maharashtra,
Mumbai.

Sub: Diversion of 193.19 ha of forest land for underground mining of coal for Mahakali Colliery in favour of Western Coalfields Limited in Chanderpur in Maharashtra submitted by the State Government of Maharashtra.

Sir,

I am directed to refer to the State Government's letter no. No. FLD-3606/CR.208/F-10 dated 20.04.2007 and 17/11/D 11403/377/18-19 dated 16.05.2018 on the subject mentioned above seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 and to say that the proposal has been examined by the Forest Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

After careful examination of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, *Stage-I Clearance/ In-principle* approval of the Central Government is hereby granted for diversion of 193.19 ha of forest land for underground mining of coal for Mahakali Colliery in favour of Western Coalfields Limited in Chanderpur in Maharashtra submitted by the State Government of Maharashtra subject to the following conditions:

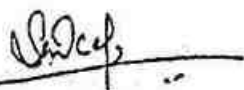
- (i) Legal status of the diverted forest land shall remain unchanged;
- (ii) Action shall be initiated against the official under section 3A and 3B of FCA 1980. State Government shall provide the name of the official of WCL who allowed the mining under their jurisdiction in the forest area without prior permission of Government of India under FCA 1980. State government shall provide the name prior to stage II approval to regional office and regional office shall initiate the legal proceedings.
- (iii) User agency shall pay for penal CA over double the area in violation of FCA 1980. CA shall be carried over degraded forest area. A detail CA scheme and cost estimate shall be submitted. The amount shall be deposited in Ad hoc CAMPA.
- (iv) State Government shall submit FCA proposal for regularization judpi land, allotted for rehabilitation of the residents of Siddarth Nagar in 1988 as per simplified procedure for diversion of Judpi land conveyed to Govt. of Maharashtra
- (v) State government shall take action for the violation as per the guidelines F. No. 11-42/2007 FC dated 29.01.2018 issued by MoEF&CC.
- (vi) This in-principle approval will be effective after the payment of NPV and other outstanding dues, if any, with WCL in CAMPA account;
- (vii) The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No.

Sd/-

22.6.18

5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State Concerned;

- (viii) The User Agency shall pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;
- (ix) The user agency should ensure that the compensatory levies (CA cost, NPV, etc.) are deposited through challan generated online on web portal and deposited in appropriate bank online only. Amount deposited through other mode will not be accepted as compliance of the Stage- I clearance;
- (x) The Forest clearance will be for a period co terminus with the lease period specified in the lease agreement. The State Government will submit the lease agreement document specified in the lease agreement;
- (xi) The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the Addl. Pr. Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed;
- (xii) The user agency shall implement the R&R Plan as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work. The said R&R Plan will be monitored by the State Government/Regional Office of MoEF &CC along with indicators for monitoring and expected observable milestones;
- (xiii) The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Birds nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project.
- (xiv) The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates;
- (xv) The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986; if required;
- (xvi) Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;
- (xvii) The layout plan of the proposal shall not be changed without the prior approval of the Central Government;
- (xviii) No labour camp shall be established on the forest land;
- (xix) The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
- (xx) The State Govt. and the User agency shall ensure de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies, whenever required preferably within five years from the date of approval of Stage-II Clearance;



- (xxi) The forest land shall not be used for any purpose other than that specified in the proposal and the said forest land shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;
- (xxii) No damage to the flora and fauna of the adjoining area shall be caused;
- (xxiii) The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No. 11-9/1998-FC (pt.) dated 03.08.2009 read with 05.07.2013, in support thereof.
- (xxiv) The User Agency shall submit the annual self - compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year;
- (xxv) Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and
- (xxvi) The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and National Green Tribunal Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project;

After receipt of the report on the compliance to the conditions stipulated in the paragraph-2 above from the State Government, final/stage-II approval for diversion of 193.19 ha of forest land for underground mining of coal for Mahakali Colliery in favour of Western Coalfields Limited in Chandrapur in Maharashtra submitted by the State Government of Maharashtra under Section-2 of the Forest (Conservation) Act, 1980 will be considered by this Ministry.


Yours faithfully,


(Sandeep Sharma)

Assistant Inspector General of Forests

Copy to:

1. The Principal Chief Conservator Forests, Government of Maharashtra, Nagpur.
2. Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), Nagpur.
3. The Nodal Officer, O/o the PCCF, Government of Maharashtra, Nagpur.
4. User Agency.
5. Monitoring Cell.
6. Guard file.


(Sandeep Sharma)

Assistant Inspector General of Forests

**OFFICE OF THE DIVISIONAL FOREST OFFICER,
CHANDRAPUR DIVISION**

Rambagh Forest Colony, Mul

Office Tel. No. 07172-270445

Fax No. 07

**CHANDRAPUR DIVISIONAL FOREST OFFICER,
CHANDRAPUR**

Chandrapur - 442401 (M.S.)

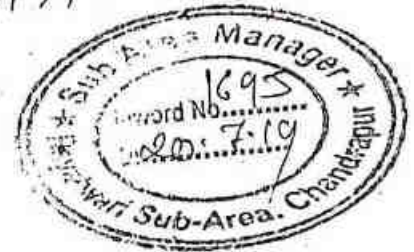
E-mail : dfochandrapur@gmail.com



Sub:- Diversion of 193.19 ha. of forest land for underground mining of coal for Mahakali Colliery in favour of Western Coalfields Limited in Chandrapur in Maharashtra submitted by the State Government of Maharashtra.

No.- Desk-14/Survey/Land/ 511

Chandrapur, Dated 12/7/19



To,

The Chief Conservator of Forests,
Chandrapur Circle,
Chandrapur.

- Ref. :-
1. Govt. of India vide letter No. F.No.8-34/2007-FC, dated 22/06/2018.
 2. Area General Manager, Chandrapur Area vide letter No. WC/CHA/AGM/PLG/REV/718, dated 30/05/2019.
 3. This office vide letter No. Desk-14/Survey/Land/341, dated 13/06/2019.
 4. Your office letter No. Desk-(1)/Land/C.R.-2/PR-34/1228, dated 25/06/2019.

As per the instructions given by the Central Government regarding the issue of reference letter no. 1, the agency has submitted the compliance report by their reference letter no. 2. According to the compliance report, this office is agreeing with the signature and the report will be accompanied by the necessary records along with the following compliance report are being 4 copies submitted as follows.

FORM - A

Sr.No.	Condition	Compliance
(i)	Legal status of the diverted forest land shall remain unchanged.	User agency agreed and give the undertaking attached herewith Page No. 1.
	Action shall be initiated against the official under section 3A and 3B of FCA 1980. State Government shall provide the name of the official of WCL who allowed the mining under their jurisdiction in the forest area without prior permission of Government of India under FCA 1980. State Government shall provide the name prior to Stage II approval to regional office and regional office shall initiate the legal proceedings	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 2 to 39.

✓ Manager / MKC
Slaw

	User agency shall pay for penal CA over double the area in violation of FC 1980. CA shall be carried over degraded forest area. A detail CA scheme and cost estimate shall be submitted. The amount shall be deposited in Ad hoc CAMPA.	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 40 to 52.
(iv)	State Government shall submit FCA proposal for regularization Zudpi land, allotted for rehabilitation of the residents of Siddharth Nagar in 1988 as per simplified procedure for diversion of Zudpi land conveyed to Govt. of Maharashtra.	Disforestation of Zudpi Jungle area under FCA 1980 in process as per instruction.
(v)	State Government shall take action for the violation as per the guideline F.No.11-42/2007 FC dated 29.01.2018 issued by MoEF&CC.	In this condition user agency already reply submitted as per condition No. 2 & 3 therefore decide the violation of guidelines dated 29.01.2018 on Government level and give the instruction for necessary action.
	This in-principle approval will be effective after the payment of NPV and other outstanding dues, if any, with WCL in CAMPA account;	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 40 to 46.
(vii)	The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by the Ministry vide its letter no. 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State concerned.	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 40 to 46.
(viii)	The User Agency shall pay the additional amount of NPV, if so determined as per the final decision of the Hon'ble Supreme Court of India.	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 40 to 46 and if any additional amount payable if so determined as per the final decision of the Hon'ble Supreme Court of India WCL agrees to pay the additional NPV in that case undertaking attached herewith Page No. 53.
(ix)	The user agency should ensure that the compensatory levies / CA cost, NPV, etc.) are deposited through challan generated online on web portal and deposited in appropriate bank online only. Amount deposited through other mode will	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 40 to 46.

	not be accepted as compliance of the Stage-I clearance.	
(x)	The Forest clearance will be for a period co-terminus with the lease period specified in the lease agreement. The State Government will submit the lease agreement document specified in the lease agreement.	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 54 to 72. As per the lease agreement lease period 06.09.2011 from 20 years means lease valid for till 05.09.2031.
(xi)	The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent, reclamation plan are not being executed by the User Agency, the Nodal Officer or the Addl. Pr. Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed.	The user agency give the justification as per condition this office agree with user agency. This project underground coal mines therefore reclamation in not applicable.
(xii)	The user agency shall implement the R&R Plan as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work. The said R&R Plan will be monitored by the State Government / Regional Office of MoEF&CC along with indicators for monitoring and expected observable milestones;	This project is underground coal mines project therefore no displacement of persons or families involves in this project. Hence this condition in not applicable for this project.
(xiii)	The user agency is consultation with the State Government shall create and maintain alternate habitat / home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project.	The user agency give the justification as per condition this office agree with user agency in this proposal no tree felling involve certificate attached herewith Page No. 73 to 76. Hence this condition in not applicable for this project.

	The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars each inscribed with its serial number distance from pillar to pillar and GPS co-ordinates.	The boundary of the mining lease and safety zone shall be demarcated by the user agency and submitted map showing boundary pillars attached herewith Page No. 77.
(xv)	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act 1986, if required.	The user agency submitted the Environment Clearance copy attached herewith Page No. 78 to 82.
(xvi)	Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.	No tree felling involve in this proposal necessary certificate attached herewith Page No. 73 to 76.
(xvii)	The layout plan of the proposal shall not be changed without the prior approval of the Central Government.	The user agency agreed an undertaking has been submitted attached herewith Page No. 83.
(xviii)	No labour camp shall be established on the forest land.	The user agency agreed an undertaking has been submitted attached herewith Page No. 84.
(xix)	The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	The user agency agreed an undertaking has been submitted attached herewith Page No. 85.
(xx)	The State Govt. and the user agency shall ensure de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks / water bodies, whenever required preferably within five years from the date of approval of Stage-II Clearance.	The user agency give the justification as per condition this office agree with this is underground mining project as such no siltation of village tanks and other water bodies will occur due to mining operations.
(xxi)	The forest land shall not be used for any purpose other than that specified in the proposal and the said forest land shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;	The user agency agreed an undertaking has been submitted attached herewith Page No. 86.
(xxii)	No damage to the flora and fauna of the adjoining area shall be caused.	The user agency agreed an undertaking has been submitted attached herewith Page No. 87.
(xxiii)	The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter	The user agency give the justification as per condition this office agree with user agencies compliance report and detail information attached herewith Page No. 88 to 91.


no. 11-9/1998-FC(Pt.) dated 05.08.2009 read with 05.07.2013; in support thereof.

(xxiv)	The user agency shall submit the annual self - compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year;	The user agency agreed an undertaking has been submitted attached herewith Page No. 92.
(xxv)	Any other condition that the concerned Regional office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife, and	The user agency agreed an undertaking has been submitted attached herewith Page No. 93.
(xxvi)	The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order(s) and National Green Tribunal Order(s) pertaining to this project, if any, for the time being in force, as applicable to this project.	The user agency agreed an undertaking has been submitted attached herewith Page No. 94.

FORM - B

Sr.No.	Condition	Compliance
--	-NIL-	-NIL

Encl.:- As Above.


Divisional Forest Officer,
Chandrapur Forest Division,
Chandrapur

Copy forwarded to Area General Manager, WCL Chandrapur Area for information and necessary action.



वेस्टर्न कोलफील्ड्स लिमिटेड
WESTERN COALFIELDS LIMITED

Govt. of India Enterprise
(Mini Ratna Company)

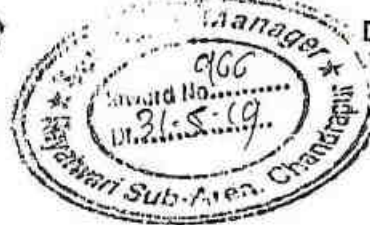
OFFICE OF THE AREA GENERAL MANAGER
CHANDRAPUR AREA,
P.O. BABUPETH,
CHANDRAPUR - 442403 (M.S.)

Tel. PBX No. 07172-253322-25
Fax No. 07172-255287
Email : gmwclcha@rediffmail.com
CIN : U10100MH1975GOI018626
Website : westerncoal.nic.in

पंजी कार्या : कोल इस्टेट, सिविल लाइन्स नागपुर 440 001
Regd. Office: Coal Estate, Civil Line, Nagpur- 440 001

Ref. No. WCL/CHA/AGM/PLG/REVI 7/8

To
The Divisional Forest Officer,
Chandrapur Forest Division,
Chandrapur.



Date 21.05.2019
30

Sub.-: Diversion of 193.19 Ha. of forest land for underground mining of Coal for Mahakali Colliery in favour of Western Coalfields Limited in Chandrapur in Maharashtra submitted by the State Government of Maharashtra.

Ref.-: F.No. 8-34/2007-FC dtd. 22nd June 2018

Dear Sir,

With reference to the above, Govt. of India has given the Stage-I Clearance / in-principle approval for 193.19 Ha. forest land for underground mining of coal for Mahakali Colliery in favour of Western Coalfields Limited District Chandrapur Maharashtra subject to the fulfillment of the 26 conditions mentioned in the above referred letter. The point-wise compliance report is enclosed herewith. (6 Sets)

You are, therefore, requested to kindly forward the compliance report to the MOEF and Climate Change (FC Division) New Delhi for issue of approval under section 2 of F.C. Act 1980.

Thanking you.

Yours faithfully,

Encl : as above.

Area General Manager
Chandrapur Area

Copy to :-

1. The Nodal Officer / Chief Conservator of Forest M.S. Nagpur, Van Bhawan, Nagpur.
2. The Chief Conservator of Forest, North Circle, Chandrapur
3. The GM (L&R), WCL Nagpur.
4. The SAM, RSA

✓ *Sanjay*
dh

✓ *Manager / MKC*
Chas
21.5.19

RE-30-5-19
आवक
मुख्य वनसंरक्षक चंद्रपुर वनवृत्त
यांचे कार्यालय

**DIVERSION OF 193.19 HA. FOREST LAND FOR MAHAKALI COLLIERY
IN DISTRICT CHANDRAPUR, MAHARASHTRA**

Sr. No.	Conditions	Compliance
i.	Legal status of the diverted forest land shall remain unchanged.	Agreed by the User Agency. An undertaking for the same has been enclosed with this compliance report Page No. 1
ii.	Action shall be initiated against the official under section 3A and 3B of FCA 1980. State Government shall provide the name of the official of WCL who allowed the mining under their jurisdiction in the forest area without prior permission of Government of India under FCA 1980. State Government shall provide the name prior to Stage II approval to regional office and regional office shall initiate the legal proceedings	<p>Mahakali Colliery was started in 1922 by Private Users. The present Mahakali Underground mine of WCL-Chandrapur Area was acquired in 1975 through Nationalization of Coal Mines Act 1973 of Government of India (Substantiating documents enclose for ready reference as Annexure-1, Page No. 2 to 7). Coal Mining under the 77.71 Ha was done before the enforcement of Forest Conservation Act 1980 which was also seconded by the FAC Sub-Committee during its visit to the Mahakali UG Mine of Chandrapur Area on 18-20th June 2016 (copy of the findings of Sub Committee placed before the FAC held on 12th July 2016 for discussion is enclosed as Annexure-2, Page No. 8 to 18 for ready reference).</p> <p>An area measuring 47.07 has been worked out under the forest land after the commencement of FC Act 1980 till 31st March 2005. This was an unintentional violation. Prior to 2004, the ambiguity regarding applicability of FAC, 1980 in UG mines leased before 1980 was very common and representation from various agencies were also received by MoEF which was also mentioned in the letter dated 06/07th Dec. 2004 (Annexure 3, as Page No. 19). The Guideline regarding Pre-1980 Underground Mining Leases for extraction of minerals involving extension of already broken up underground forest land was issued by MoEF vide letter F.No.2-1/2003-FC (Part-IV), dated 06/07th December 2004 only. Immediately after receipt of this guideline WCL has applied for Ex-Post Facto approval from the Central Government. WCL Chandrapur Area had Also, stopped mining activities under this</p>

forest land. (Detailed & accepted by the FAC Sub Committee in its Site Inspection- Site Inspection Report enclosed as Annexure-4, as Page No. 20 to 22 for Ready Reference).

On the application of WCL Chandrapur Area, Temporary Working Permission was granted by MoEF&CC on 23rd November 2005 for 1 year and as directed NPV of Rs.9,68,29,280.00/- @ 7.76 lakh per hectare for 124.78 ha (Pre FC Act worked out area 77.71 Ha and Post FC Act worked out area 47.07 ha) was also paid against TWP.

Also, as per the guidelines F.No. 11-42/2007 FC dtd. 29.01.2018 issued by MoEF&CC regarding common guideline to be followed by FAC/ REC for activities which constitutes violation of FCA 1980 and rules made thereof (Annexure-5, Page No. 23 to 25) the action under Section 3A and 3B of FCA 1980 to be initiated for proposals in which proposal under FC has not been submitted and forest land is diverted without FC. It is to submit that immediately after the receipt of guidelines in respect of Pre-1980 underground mining leases for extraction of minerals involving extension of already broken up underground forest land vide letter no. F-No.2-1/2003-FC (Part-IV) dated 6/7th Dec. 2004 from Ministry of Environmental & Forests, New Delhi, the proposal for diversion of 193.19 ha of forest land (including 77.71 ha forest land broken before 25.10.1980, 47.07 ha worked out after 25.10.1980 till 31.03.2005 & 68.41 ha fresh land) was applied to DFO on 18/01/2005 as per procedure and under process of approval at Govt. of India level. It is pertinent to mention here that TWP was also issued by MoEF&CC vide order dtd. 23/11/2005 for one year and considered the proposal for renewal application.

Hence, it is evident that the WCL had not violated the FC Act 1980 intentionally rather was always prompt in applying for FC permissions as per the then policies/ guidelines. Hence, we humbly request that No Action shall be initiated against the official under section 3A and 3B of FCA 1980.

In this context, an appeal and a Chronology of Events note was also submitted to Forest Department a copy of which is also enclosed as Annexure 6, Page No. 26 to 37

Also, enclosed the DFO's forward letter and CCF's letter regarding the appeal also enclosed as Annexure-7, Page No. 38 to 39

iii.

User agency shall pay for penal CA over double the area in violation of FC 1980. CA shall be carried over degraded forest area. A detail CA scheme and cost estimate shall be submitted. The amount shall be deposited in Ad hoc CAMPA.

At the time of TWP accorded on 23/11/2005, NPV of Rs. 9,68,29,280=00/- @ 7.76 lakh per hectare for 124.78 ha (77.71 ha + 47.07 ha) was deposited by Cheque no. 922924 dated 04/07/2006 in favour of Dy. CF, Chandrapur. It is understood that the demand for NPV was as per the then prevailing guidelines of MoEF&CC dated 17/05/2005. However, it may please be noted that Hon'ble Supreme Court vide its order dated 24/04/2008 & 09/05/2008 exempted certain category of project in which Underground Mining was also exempted as 50% of the NPV of entire area. And subsequently, as per the latest guidelines for collection of NPV for Underground Mining projects dtd. 16/03/2016 (copy enclosed as Annexure-8, Page No. 40 to 41 for ready reference) projects in which Surface strain predicted is up to 5mm/m the payable NPV rates are NIL and as brought to the notice of FAC committee in the meeting held on 17th May 2018, the Surface Strain in this case is 0.6 mm/m only (Fact Sheet of FAC enclosed as Annexure- 9, Page No. 42 to 46 for Ready Reference).

Also, it may please be noted here that as the proposal is recommended by FAC in the meeting held on 17th May, 2018 which is after the issuance of guideline F.No. 11-42/2007 FC dated 29.01.2018 issued by MoEF&CC, the violations may please be dealt accordingly. As per these guidelines:

Delhi and formal enquiry shall be conducted by the Regd. & CC.

B. In cases where the proposal under FC Act is under consid-
is diverted before grant of FC:

- i. The penalty for violation shall be equal to NPV of forest year of violation from the date of actual diversion as r officer with maximum up to five (5) times the NPV interest till the deposits is made.
- ii. In case of public utility projects of the government the the penalty proposed in para (i) above.
- iii. State government will initiate disciplinary action again

As WCL is a government company and the project comes under Public Utility project (substantiating documents enclosed as Annexure-10, Page No. 47 to 52) as such, payable NPV is single time NPV over violated area i.e. 47.07 ha. However, WCL had already paid the amount of Rs. 9,68,29,280=00/- @ 7.76 lakh per hectare for 124.78 ha (77.71 ha area broken before 1980 + 47.07 ha broken after 25.10.1980 till 31.03.2005). As can be seen that WCL has paid extra amount against the payable violation amount as per the present guidelines as such it is our humble submission to return the extra amount to the User Agency or adjust the same with other projects seeking FC.

iv.	State Government shall submit FCA proposal for regularization Zudpi land, allotted for rehabilitation of the residents of Siddharth Nagar in 1988 as per simplified procedure for diversion of Zudpi land conveyed to Govt. of Maharashtra.	State Government is requested to take necessary action in this regard.
v.	State Government shall take action for the violation as per the guideline. F.No.11-42/2007 FC dated 29.01.2018 issued by MoEF&CC.	Please refer the reply and enclosures submitted for condition no. ii & iii at Page No. 2 - 52
vi.	This in-principle approval will be effective after the payment of NPV and other outstanding dues, if any, with WCL in CAMPA account;	WCL had already paid the amount of Rs. 9,68,29,280=00/- @ 7.76 lakh per hectare for 124.78 ha (77.71 ha area broken before 1980 + 47.07 ha broken after 25.10.1980 till 31.03.2005). As can be seen that WCL has paid extra amount against the payable violation amount as per the present guidelines as such it is our humble submission to return the extra amount to the User Agency or adjust the same with other projects seeking FC. It is understood that the demand for NPV was as per the then prevailing guidelines of MoEF&CC dated 17/05/2005. However, it may please be noted that Hon'ble Suopreme Court

		<p>vide its order dated 24/04/2008 & 09/05/2008 exempted certain category of project in which Underground Mining was also exempted as 50% of the NPV of entire area. And subsequently, as per the latest guidelines for collection of NPV for Underground Mining projects dtd. 16/03/2016 (copy enclosed as Annexure-8, Page No. <u>40</u> to <u>41</u> for ready reference) projects in which Surface strain predicted is up to 5mm/m the payable NPV rates are NIL and as brought to the notice of FAC committee in the meeting held on 17th May 2018, the Surface Strain in this case is 0.6 mm/m only (Fact Sheet of FAC dated 15th May 2018 is enclosed as Annexure- 9, Page No. <u>42</u> to <u>46</u> for Ready Reference).</p> <p>As can be seen that WCL has paid extra amount against the payable violation amount as per the present guidelines as such it is can be inferred that No NPV is balance for the subject proposal and also it is our humble submission to return the extra amount to the User Agency or adjust the same with other projects seeking FC.</p>
vii.	<p>The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by the Ministry vide its letter no. 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State concerned.</p>	<p>Please refer the reply and enclosures submitted for condition no. vi at Page No. <u>40-46</u></p>
viii.	<p>The User Agency shall pay the additional amount of NPV, if so determined as per the final decision of the Hon'ble Supreme Court of India.</p>	<p>Please refer the reply and enclosures submitted for condition no. vi at Page No. <u>40-46</u></p> <p>However, if any additional amount payable, if so determined as per the final decision of the Hon'ble Supreme Court of India WCL agrees to pay the additional NPV in that case. An Undertaking for the same has been enclosed at Page No. <u>53</u></p>
ix.	<p>The user agency should ensure that the compensatory levies / CA cost, NPV, etc.) are deposited through challan generated</p>	<p>Please refer the reply and enclosures submitted for condition no. vi at Page No. <u>40-46</u></p>

	online on web portal and deposited in appropriate bank online only. Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.	
x.	The Forest clearance will be for a period co terminus with the lease period specified in the lease agreement. The State Government will submit the lease agreement document specified in the lease agreement.	Mine Lease Agreement enclosed as Annexure-11, Page No. <u>54</u> to <u>72</u> . As per the Lease document the lease period is valid till 05/09/2031 as such WCL agrees for FC validity till 05/09/2031.
xi.	The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent, reclamation plan are not being executed by the User Agency, the Nodal Officer or the Addl. Pr. Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed.	Mahakali Colliery is an Underground Coal Mine in which reclamation is not applicable. Hence, we humbly submit that this condition is not applicable for this project.
xii.	The user agency shall implement the R&R Plan as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work. The said R&R Plan will be monitored by the State Government / Regional Office of MoEF&CC along with indicators for monitoring and expected observable milestones;	As Mahakali Colliery is an Underground Coal Mine, no displacement of persons or families is involved in this project. Hence, we humbly submit that this condition is not applicable for this project.
xiii.	The user agency is consultation with the State Government shall create and maintain alternate habitat / home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the	This is an Underground Mining Project and as such No tree felling is involved (Part-II/ DFO Recommendation specifically mentioning that no tree felling is involved has been enclosed as Annexure-12, Page No. <u>73</u> to <u>76</u> for ready reference).

	area and human settlements, adjoining the forest area being diverted for the project.	Hence, we humbly submit that this condition is not applicable for this project.
xiv.	The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars each inscribed with its serial number distance from pillar to pillar and GPS co-ordinates.	The boundary of the mining lease has already been demarcated (A Map showing boundary pillar codes enclosed for ready reference as Annexure-13, Page No. 77). As the forest land proposed for diversion is for underground mining and no surface rights have been sought as such, safety zone as well forest land demarcation would not be applicable.
xv.	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act 1986, if required.	Complied. Copy of Environment Clearance enclosed as Annexure-14, Page No. 78 to 82.
xvi.	Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.	This is an Underground Mining Project, No tree felling is involved. Hence, we humbly submit that this condition is not applicable for this project. ANNEXURE 12-73-76 Page 8.
xvii.	The layout plan of the proposal shall not be changed without the prior approval of the Central Government.	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 83
xviii.	No labour camp shall be established on the forest land.	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 84
xix.	The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 85
xx.	The State Govt. and the User agency shall ensure de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks / water bodies, whenever required preferably within five years from the date of approval of Stage-II Clearance.	This is an Underground Mining Project; as such no siltation of village tanks and other water bodies will occur due to mining operations. Hence, we humbly submit that this condition is not applicable for this project.
xxi.	The forest land shall not be used for any purpose other than that specified in the proposal and the said forest land shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 86
xxii.	No damage to the flora and fauna of the adjoining area shall be caused.	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 87
xxiii.	The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest	FRA Certificate received FRA Certificate received from the District Collector, Chandrapur vide letter no. Office-4/Land/RB-2/2017/124 dated 14.11.2017. Original FRA

	Rights) Act 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter no. 11-9/1998-FC(Pt.) dated 03.08.2009 read with 05.07.2013, in support thereof.	Certificate, copies Gram Saba, SDO & District Level Resolutions along with English Translation has been submitted to Divisional Forest Officer vide WCL letter no.WCL/CHA/AGM/PLG/REV/287 dated 21 st November 2017. The same has been forwarded by the DFO to CCF, Chandrapur Circle vide letter no.Desk-5/Survey/Land/2127 dated 07 th December 2017. FRA Certificate forwarded by APCCF, Nagpur to AIGF, MoEF-New Dehli vide letter no.Desk-17/Nodal Cell/17-1/ID.11403/2400/2017-18, dated 08 th January 2018 (Copy of the above mentioned letters enclosed aa Annexure-15, Page No.88 to 91)
xxiv.	The user agency shall submit the annual self – compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year.	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 92
Xxv.	Any other condition that the concerned Regional office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife, and	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 93
xxvi.	The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order(s) and National Green Tribunal Order(s) pertaining to this project, if any, for the time being in force, as applicable to this project.	Agreed by the User Agency. An Undertaking has been enclosed as Page No. 94

(A.C.SINGH)

Area General Manager
Chandrapur Area

(B.RAMARAO)

Sub Area Manager
Rayatwari Sub Area

Date : 19/5/19

Place : Chandrapur

जिल्हाधिकारी, चंद्रपूर यांचे कार्यालय,

ई-मेल-आयडी - land.Chandrapur@gmail.com

फोन नंबर :- 07172-270322

पत्र क्र. कार्या-4/जमीन/आरबी-2/2017/124

दिनांक :- 14/11/2017

प्रति,

✓ वेस्टर्न कोलफिल्ड्स लिमिटेड,
ऐरीया जनरल मॅनेजर,
चंद्रपूर क्षेत्र,
पी. ओ. बाबुपेठ, चंद्रपूर.

विषय :- Issue of Certificate Under FRA 2006 for Diversion of 193.19 Ha. Forest land for Underground Mining of land for Mahakali Colliery In favour of Western Coalfields Limited, Chandrapur Area.

संदर्भ :- आपले पत्र क्र. WCL/CHA/AGM/PLG/ REV/06, दिनांक 12/04/2016, प्राप्त दिनांक 10/05/2016.

उपरोक्त संदर्भीय पत्राच्या अनुषंगाने कळविण्यात येते कि, आपण Mahakali Colliery Underground Mine या प्रोजेक्टकरीता मौजा चांदा रैय्यतवारी व मौजा चंद्रपूर येथील 193.19 हेक्टर. आर वनजमीनीसाठी अनुसूचित जमाती व इतर पारंपारिक वन निवासी (वन हक्क मान्य करणे) अधिनियम, 2006 नियम 2008 व सुधारणा नियम 2012 अन्वये केंद्रीय पर्यावरण व वन मंत्रालय, नवी दिल्ली यांच्याद्वारे निर्गमित दि. 05/07/2013 च्या विहित नमुना From - II मधील प्रमाणपत्र देण्याबाबत विनंती केलेली होती.

संदर्भीय पत्रान्वये मांगविण्यात आलेले FRA प्रमाणपत्र केंद्रीय पर्यावरण व वन मंत्रालय, नवी दिल्ली यांच्याद्वारे निर्गमित दि. 05/07/2013 च्या विहित नमुना From - II मध्ये तयार करुन या सोबत पाठविण्यात येत आहे.

कृपया पोच दयावी ही विनंती.

सहपत्र :- 1) Annexure - 1 & 2


प्रभाग समितीचा ठराव व वनहक्क समितीचा कारवाई अहवाल

2) Annexure - 3

उपविभागीय स्तरीय समितीचा ठराव.

3) Annexure - 4

जिल्हा स्तरीय समितीचा ठराव.


उप-जिल्हाधिकारी (अतिक्रमण)
जिल्हाधिकारी, चंद्रपूर करीता.

Annexure – 1 & 2

कार्यालय चंद्रपुर शहर महानगरपालिका, चंद्रपुर

आवक क्रमांक - चंशमनपा/झोन क्र. ३/ १८६/२०१७

दिनांक - २४/०८/२०१७

प्रति,

उप विभागीय अधिकारी,
चंद्रपुर

विषय :- Issue of Certificate Under FRA 2006 for Diversion of 193.19 Ha. Forest Land for Underground Mining of Land for Mahakali Colliery in favour of Western Coalfields Limited] Chandrapur Area

संदर्भ :- आपले कार्यालयीन पत्र क्र. कार्या ४/ आर बी-२/जमीन/२०१६/१८७, दिनांक - २८/११/२०१६

महोदय,

संदर्भित पत्राचे अनुषंगाने कळविण्यात येते की, विषयांकीत प्रकरणी वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपुर क्षेत्र यांना महाकाली कॉलरी या प्रोजेक्ट करिता आवश्यक १९३.१९ हे.आर. जागेसंबंधी FRA प्रमाणपत्र पाठविण्यास कळविलेले असता, चंद्रपुर शहर महानगरपालिकेचे क्षेत्रीय कार्यालय झोन क्र. ३ चे अंतर्गत दिनांक - ०५/०७/२०१७ ला झालेल्या प्रभाग समिती सभेच्या ठराव क्र. ६ अन्वये महाकाली कॉलरी खाण व खुली खाण साठी लागणाऱ्या जमीन वन विभागाकडून भारत सरकार ला वळवी करण्यासंबंधीचा मंजूरी प्राप्त झालेली आहे.

सबब सदरचे ठरावाची व सभेत उपस्थित मा. सदस्यांचे उपस्थिती नोंदवहीची छायांकीत प्रत यासोबत सादर करण्यात येत आहे. कृपया कळावे.

सहपत्र :- वरीलप्रमाणे

सहायक आयुक्त,

झोन क्र. ३,

चंद्रपुर शहर महानगरपालिका,

चंद्रपुर

प्रतिलिपी :- क्षेत्रीय महाव्यवस्थापक, वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपुर क्षेत्र

638

उप विभागीय अधिकारी
चंद्रपुर यांचे कार्यालय
आवक क्र. २००१
दिनांक २४/८/२०१७
शाखा-गिर/प्रसूतका १, २, ४, ५, ६, ७
मा. २४/८/१७

०१) महाफाली जॉलरी, वन कम्यार्डमेन्ट नं. ४८३ आणि ४८४

मध्यम लागणारी जमिन - १३.६४ हे. आर.

०२) तसेच महाकाली कॉलरी, वन कम्पाटमेन्ट नं. ४२१, ४४१/१, ४४१/२, ४४१/३.

४४९/४, ४६९, ४६३/९, नदील लागणारी जमिन - ८५.८४ हे. आर.

०३) झुडपी जंगल, नौजा चौदा रय्यतावारी स. क्र. २४३, २५३, ३९३, ४४०, ४६१, ४७८

४४९, ४५७, ४६२, ४६९/१, ४६९/२, ४६९/३, एकुण एरीचा १३.७१ हे. आर.

महाकाली कॉलरी खाण व खुली खाणसाठी लागणा-या जमिन वन विभागाकडून भारत सरकार ला वळती करण्याबाबत प्रस्ताव शासनाला सादर करण्यात आलेला आहे. ह्या प्रस्तावाच्या अनुषंगाने महाराष्ट्र शासनाच्या FRA Certificate स्थानिक संस्थास संस्थाकडून प्राप्त करून सादर करण्याचे निर्देश मा. जिल्हाधिकारी, चंद्रपूर यांचेकडून प्राप्त झाले आहे.

व्याकरणिता वनजमिन वनसंवर्धन अधिनियम १९८० अंतर्गत वळती वनजमिन याचे अनुसूचित जमाती व इतर पारंपारीक वननिवासी (वनहक्क मान्यता) कायदा २००६ कलम ३(२) नियम २००८ व सुधारणा नियम २०१२ नुसार कुठल्याही अनुसूचित जमाती व इतर पारंपारीक वननिवासी (वनहक्क मान्यता) यांचे वैयक्तीक किंवा सामूहिक हक्क वाढित होत नाही अा संवधाने वनजमिन वळती करण्यास दाखे समिती मंजूरी प्राप्त करणे आहे.

यापूर्वी सदस्यां विषय २१/०७/२०१६ ला झालेल्या प्रमाण समिती सभा क्र. ०२ मध्ये ठेवण्यात आलेला होता. त्या सभेमध्ये सांगोपांग चर्चा होऊन या विषयाबाबतची परिपूर्ण माहिती न मिळाल्यामुळे विषय स्थगित करण्यात येऊन पुढील सभेपुढे निर्णयस्थान ठेवण्यात यावा, असा ठराव क्र. ०४ दिनांक २१/०७/२०१६ अन्वये पारित करण्यात आलेला आहे. तसेच दिनांक १९/०८/२०१६ ला झालेल्या प्रमाण समिती सभा क्र. ०३ मध्ये परत ठेवण्यात आलेला होता. त्या सभेमध्ये या विषयावर बरीच चर्चा करण्यात आली. वस्तु काही निष्पन्न न झाल्यामुळे विषय स्थगित ठेवून पुढील निती मध्ये ठेवण्यात यावा असा

उराय क्र. ०६ दिनांक १९/०८/२०१६ अन्वये पारित करण्यात आलेला अ.३.
दिनांक/०५/२०१७ ला एरिया जनरल मॅनेजर, चंद्रपूर एरिया यांचे कडून प्राप्त पत्राव्दारे
मांडरकत प्रमाणपत्र मिळण्याबाबत विनंती करण्यात आलेली आहे.

करिता सदर विषयाबाबत सांगोपांग वर्चा करण्यात आली व

०१) महाकाली कॉलरी वन कम्पार्टमेंट नं. ४८३ आणि ४८४

मधील लागणारी जमिन - ९३.६४ हे. आर.

०२) तसेच महाकाली कॉलरी, वन कम्पार्टमेंट नं. ४२९, ४४९/१, ४४९/२, ४४९/३,

४४९/४, ४६९, ४६३/१, मधील लागणारी जमिन - ८५.८४ हे. आर.

०३) झुळपी जंगल, मौजा चांदा रव्यतवारी स. क्र. २४३, २५३, ३९२, ४४९, ४१२/२, ४९४,
४४९, ४५७, ४६२, ४६९/१, ४६९/२, ४६९/३, एकूण एरिया १३.७९ हे. आर

उपरोक्त परिसरात वास्तव्यास असणा-या नागरीकांचे कोणतेही हक्क
बाधित होता कामा नये या अटीवर तसेच सि.एस.आर. निधी अंतर्गत वेकोलीने या
उपरोक्त परिसरात मुलभुत सुविधा जसे बोरींग, पिण्याचे पाण्याची पाईप लाईन, रस्ते,
नाल्या इत्यादी कामे करून देण्यात यावी. व याबद्दल नागरीकांव्दारे मागणी वेकोली कडे
देण्यात यावे, या अनुषंगाने उपरोक्त जागे करिता FRA प्रमाणपत्र देण्यास मंजुरी प्रदान
करण्यात येते, असे ठरले.

उराय सर्वानुसंत गंजूर.

रंजन पाटील
सभापती

शेता क्र. ०३

चंद्रपूर शहर महानगरपालिका, चंद्रपूर

दिनांक :- ०५/०६/२०१६

सदस्य शहर महानगरपालिका - चन्द्र बारी
 क्रमांक :- चंद्रमनसा / समाधिभाग/भाग समिति क्र.०३/२०१६
 १५३ दिनांक २८/६/२०१६ कंसमे प्रभाग समितिकी समाधिभाग
 ०५/०६/२०१६ का सामग्री ४-०० वाचना - ०५२ शहर
 महानगरपालिका प्रभाग समिति क्र.०३ माथिल दशबहुचिनासुन
 दाय जा. शासक वंगाली कंस कंसरी माकेट भाग चन्द्र समाधिभाग
 जोडप्राप्त नगरी लेखले कामकाज चालिप्राप्तमाथी मेसोसुपान
 माकेटमा सुसज्ज खाकास प्रमाण समा. मा.सु.समा.समा.समा.
 उपस्थित छन.

अ. क्र.	समा. सदस्यांचे नांव	प्रभाग क्र. व नांव	सेवाक्षेत्री
१	सौ. रंजना संजय यादव सोन समाधी	इंडस्ट्रियल प.क.६	संजना यादव
२	सौ. राजकुमारी सुधीर कारंगळ	इंडस्ट्रियल प.क.६	सुधीर
३	श्री. प्रदिप कुपली हे	इंडस्ट्रियल प.क.६	अनुपमिषा
४	श्री. धनराज हरिदास सावरकर	इंडस्ट्रियल प.क.६	धनराज
५	सौ. पुष्पाबाई प्रमोद कुन	बाबुपठ प.क. १२	बाबुपठ
६	श्री. पितांबर पंचा कुसम	बाबुपठ प.क. १२	बाबुपठ
७	सौ. ललिता राजेश रेपलीकर	बाबुपठ प.क. १२	अनुपमिषा
८	श्री. मोहन देवानंद रामटेके	बाबुपठ प.क. १२	अनुपमिषा
९	श्री. अनिल सुहाद रामटेके	बाबुपठ प.क. १२	अनुपमिषा
१०	श्री. लक्ष्मी बालाजी परचाळे	बाबुपठ प.क. १२	अनुपमिषा
११	सौ. जितन लोचन भावकेकर	बाबुपठ प.क. १२	अनुपमिषा

92	श्री. शिवराम शिवराम गुरुकुल	शा.समीनगर 2	Dr. ...
93	श्री. सुरेश रामचंद्र पचारे	शा.समीनगर 2	...
94	श्री. वनिता विठ्ठल डुकरे	शा.समीनगर 2	श्री. डुकरे
95	श्री. मोहन गंगमात्र वामकर	शा.समीनगर 2	...
96	श्री. वंदना सुरेश लोमकुडकर	दम. इ. कळ. 2	...
96	श्री. अंकुश नामदेव सावसाळडे	दम. इ. कळ. 2	...
97	श्री. चंद्रका पंडित सोयाम (बळी)	दम. इ. कळ. 2	C.P. S. P. A. M.
98	श्री. मोहन वासुदेव मोयार	दम. इ. कळ. 2	अनुपस्थित
99	श्री. लक्ष्मी महेश जुमडे	बंगाली कॅम्प 8	...
100	श्री. सोनिया मंगल मोयार	बंगाली कॅम्प 8	SBhoyar
101	श्री. अरुण विमल परवकार	बंगाली कॅम्प 8	अनुपस्थित
102	श्री. अरुण मंगल अली	बंगाली कॅम्प 8	...

दिनांक ०५/०६/२०१६ का साधेला प्रभाग समिती सभा इतिहास

चंद्रका वार मंगळपाळीका चंद्रका नोदी मंड. नं. १५५५५५
सभा विभाग / प्रभाग समिती इ. इ. २०१६/१५५ दि. ०५/०६/२०१६
प्रभाग समितीची सभा दिनांक ०५/०६/२०१६ का ०८:०० वाजता संध्या
काळी येथील देशमुख चिंतारवनदास शा. शा. शा. बंगाली कॅम्प
मंड. मांडे आहे. चंद्रका सभासदाला नमोदारात नमोदारात उभेला आहे.
चौकटिच्या इतिहास. मंड. विभाग आहे.

२०१६ सभाका मा. सभापती, व. २०१६ सभाका मा. सभापती
इतिहास इतिहास मा. सभापती ०६/०६/२०१६ सभाका मा. सभापती
मा. सभाका मा. सभापती-०६/०६/२०१६ सभाका मा. सभापती ०६/०६/२०१६

पुमाणे सत्का. सासने, सावना. सावित्री, उपस्थित होते. मा. समापन
माने कटपेशाने समोळा खुकुवात कुठल्या आला..

विषय कु. पु. :- दिनांक 06/06/2016 का साप्ताहिक प्रभाग समिति
कु. 3 सम्मेलन कार्यपत्र वाचन पत्रके करण.

हराव कु.०१:- दिनांक ०६/०६/२०१६ का आलेख प्रमाण
आमिनी कु.०३ सभे के कार्यपत्र सभ सभा
वाचन सार्वजनिक आलेख से सार्वजनिक
पत्र के उद्देश्य आलेख
हराव सार्वजनिक संप्रदाय

विषय क्र. ०६ :- वननिवारण (वन आम्हण्याची मान्यता)
आर्थिक वर्ष २००६ व निमून् २००८ शुद्धावृत्ती
निमून् २०१२ अन्वये झाले। वा. ०३ फीमा।
अहिले। FRA प्रमाणपत्र देण्या बाबत.

૪૨૧૫ કુ. ૦૬ :- ૦૭) મહાકાલ કોલેજી વળ અપાર્ટમેન્ટ નં. ૪૮૨
 કાળે ૪૮૨ મહાકાલ કોલેજી વળ અપાર્ટમેન્ટ નં. ૪૮૨
 હ. ૩૭૫.

०४) लक्ष्मण गणेशजी कान्हाजी वंग कन्याशिक्षक

833/9 1983-1984

02) $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$

5. 982, 983, 302, 271, 272/2, 268, 275

10307. 2nd 8/30, 3rd 9/1.

21) 92.69 \pm 372.

21) 72.69 E. 31/2.
72.69 E. 31/2. 72.69 E. 31/2.

ਸਦ/ਸਦੀ ਅੰਕ ੨੫/੭ ੧ ਮੁਕਾਮ ੨੫/੭

ଆଉ କେଉଁଠାରେ ନାହିଁ ବର, ଡିଆଁଗାଝୁର
ଆଉ କେଉଁଠାରେ ନାହିଁ ବର, ଡିଆଁଗାଝୁର

11/29/2019 9:50 AM 11/29/2019 9:50 AM

[illegible]

३१/८/२०१८
 ३१/८/२०१८

21/11/2019 FRA Certificate 22/11/2019

[illegible]

ब्रह्म जगत् सृजति कर्मोपनिषत् - १५५

ਮਾਧੁਰੀ ਪਾਣੀ ਸ਼ਾਨ ਕਰਦੇ -

આચારી વનજાતિન વનસંપત્તિ કાષ્ટિચિમન ૧૯૬૦ સંવત્સર
 વહતી કસબાનાજાને મનુષ્યાચિવ બપાલક ૨૪૨ ૧૯૫૨૧૨
 વનવિધાન (વનવલ્લ માર્ગ) કમ્પા ૨૦૦૬ કસબ ૨
 (૨), ચિમન ૨૦૦૮ ના મુદ્દાવળા નોમન ૨૦૧૨ કસબ ૨
 મનુષ્યાચિવ બપાલ ૧ ૨૪૨ ૧૯૫૨૧૨ વનવિધાન (વનવલ્લ
 માર્ગ) માં વેમવલ્લ કિલો વાળીલે દલ્લ વાળી
 દોલો નાલી આ મલ્લધાને વનજાતિને વહતી કસબા
 વડે સમજી મંજૂરી કાવમ્મલ આલે.

આમજી સાર્વજી ચિમન ૨૧/૦૬/૨૦૧૬ ના
 સાર્વજી સમજા સમિતી સમા ક-૦૩
 મધ્ય વેળાવ માર્ગ દોલો. આ સમજા
 સમિતીમાં નાલી દોલો આ વિધાવાજાત
 વેલ્લો માર્ગ ના વિધાવાજાત વિધા સમિતી
 કસબાવ મેળા રૂલોલ મેળા વિધાવાજાત
 વેળાવ દોલો. કસબા ૨૨/૦૬-૦૪ ના ૨૧/૦૬/૨૦૧૬
 મધ્ય વેળાવ કસબાવ માર્ગ આલે. નાલી
 વિધાવ ૧૯૮૮/૨૦૧૬ ના સમજા સમિતી
 સમા ક-૦૩ મધ્ય વેળાવ માર્ગ દોલો.
 આ સમજા આ વિધાવાજાત સમજા
 કસબાવ આલી વેલ્લો આલે વિધાવાજાત
 સમજાવલ્લ વિધા સમિતી વેલ્લો રૂલોલ
 મધ્ય વેળાવ આલી મધ્ય ૨૨/૦૬-૦૬
 વિધાવ ૧૯૮૮/૨૦૧૬ કસબાવ વિધાવ કસબાવ
 માર્ગ વિધાવ ૦૫/૨૦૧૬ ના વિધાવ બનવલ્લ
 મેળા ૨૪/૨૨ દોલો આલી કસબાવ
 બનવલ્લ સમજાવલ્લ વિધાવાજાત વિધાવ
 કસબાવ માર્ગ આલે.

કસબા સમજા વિધાવાજાત સમિતીમાં નાલી
 કસબાવ માર્ગ ના ૦૧/૦૬/૨૦૧૬ કસબાવ
 કસબાવ મેળા ના ૦૮/૦૬/૨૦૧૬ મધ્યવલ્લ
 બનવલ્લ ૦૨.૬૪ ના આલે.

૦૨) આમજી મધ્યવલ્લ કસબાવ વન કસબાવ
 ના ૪૨૧, ૪૪૧, ૪૪૧, ૪૪૧, ૪૪૧, ૪૪૧, ૪૪૧,
 ૪૪૨/૧ મધ્યવલ્લ કસબાવ કસબાવ - ૮૫.૦૮ ના
 ૦૨, કસબાવ બનવલ્લ, કસબાવ મધ્યવલ્લ
 ૪૪૨, ૪૪૨, ૪૪૨, ૪૪૧, ૪૪૨, ૪૪૨, ૪૪૨,

૪૫૬, ૪૬૨, ૪૬૯/૧, ૪૬૯/૨, ૪૬૯/૩ મુજબ

શિથા ૧૩.૬૭ ટ. આર.

ઉપરોક્ત પત્રિકાના વાંચકોના અંગતતા,
નાગરિકતા કેળવણી દ્વારા જાણના હોવા
કામી નામ આ કાર્ટિકા વાંચક સિ. ધસ. આ
વિદ્યે અભ્યાસ વજાળને આ ઉપરાંત
પત્રિકાના મુખ્ય મુદ્દાઓ નામ, જોડાણ,
પિતાના નામ, પાંચાઈ, પાંચ વાંચક, નામ,
નામના કાપાઈ કામ કામના કાપાઈ આવી
વ. આંખડા નાગરિકતાના નામના વજાળ
કડ, કાપાઈ માવ આ અનુક્રમને ઉપરાંત
નામ કાપાઈ FRI નામના કાપાઈ
મુખ્ય ઉપાન કરવાના મેલ, આમ નામ.

ઉપર સંબંધિત મુદ્દા

સોરજના માસ

૨૦૨૧/૫/૦૪

સોરજ ૩.૦૩

પેપર ૨૧૬ મેદાનના પાંચ

Annexure - 3

उपविभागीय अधिकारी, चंद्रपूर यांचे कार्यालय

सभेचे कार्यवृत्त (वनहक्क)

उपविभागीय अधिकारी तथा अध्यक्ष उपविभागस्तरीय वनहक्क समिती यांचे अध्यक्षतेखाली दिनांक २४/१०/२०१७ रोजी सकाळी ११.०० वाजता अनु. जमाती व इतर पारंपारिक वन निवासी (वन हक्क मान्य करणे) अधिनियम २००६ व नियम २००८ सुधारणा नियम २०१२ अन्वये व आदिवासी विकास विभाग शासन निर्णय क्र. वहका-२०१५/प्र.क्र. ६१/का-१४ दिनांक ०८ सप्टेंबर, २०१५ अन्वये चंद्रपूर शहर महानगरपालिका चंद्रपूर क्षेत्रांतर्गत वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपूर यांनी Mahakali Colliery या प्रोजेक्ट करीता आवश्यक १९३.१९ हेक्टर वन जमीन संबंधाने FRA प्रमाणपत्राबाबत PTG व PAC लोकांचे वनहक्क बाधित होतात किंवा नाही याबाबत उपविभाग स्तरीय वनहक्क समितीचे सदस्यांची सभा उपविभागीय अधिकारी चंद्रपूर यांचे दालनात आयोजित करण्यात आली. सभेला खालील अधिकारी उपस्थित होते.

समितीमधील अधिकारी यांचे नाव पदनाम	कार्यालयाचे नाव	स्वाक्षरी
१. श्री. मनोहर वसंत गव्हाड उपविभागीय अधिकारी तथा अध्यक्ष	उपविभागीय अधिकारी कार्यालय चंद्रपूर	स्वा/-
२. श्रीमती. एस.व्ही जगताप सहाय्यक वनसंरक्षक (संलग्न अधिकारी)	चंद्रपूर वन विभाग चंद्रपूर	स्वा/-
३. श्री. संजय राजेश्वर बोरीकर प्रकल्प अधिकारी यांचे प्रभारी	एकात्मिक आदिवासी विकास प्रकल्प चंद्रपूर	स्वा/-

वेस्टर्न कोलफिल्ड्स लिमिटेड चंद्रपूर यांनी Land for Underground Mine at Mahakali Colliery या प्रोजेक्ट करीता प्रस्तावित केलेल्या जमिनीचे विवरण खालीलप्रमाणे

Reserve Forest- Chandrapur Division Compt. No.483 Area 52.47 ha.484 Area 41.17 ha. Total 93.64 ha.

Protected Forest - Mouza- Chanda Rayatwari Surve no. 421,441/1,441/2, 441/3,441/4,461,463/1 Area 85.84 ha.

Zudpi- Jungle- Mouza- Chanda Rayatwari Surve no.234,253,392,411,412/2,414,449,457,462,469/1,469/2,469/3 Area 13.71 ha.

वरील प्रमाणे एकुण १९३.१९ हेआर वन जमीन संबंधाने FRA प्रमाणपत्र मिळण्याबाबत वन विभागाच्या जागेवर PTG व PAC लोकांचे वनहक्क बाधित होत नसल्याबाबत सहाय्यक आयुक्त झोन क्र.३ चंद्रपूर शहर महानगरपालिका चंद्रपूर यांचे पत्र क्र.१८६ दिनांक २४.८.२०१७ अन्वये प्रभाग समिती सभेच्या ठराव क्र.६ दिनांक ५.७.२०१७ नुसार महाकाली कॉलरी खाण व खुली खाण साठी वॉर्डसभेचा ठराव प्राप्त झालेला आहे. त्यात ५० टक्के पेक्षा जास्त उपस्थिती व आवश्यक प्रमाणपत्र देणेबाबत ठराव संमत करून मंजूरी प्रदान करण्यात आलेली आहे.

वनपरिक्षेत्र अधिकारी, चंद्रपूर परिक्षेत्र, चंद्रपूर यांचे पत्र क्र. वपअ/चंद्र/९५४/२०१७ दिनांक ६.१०.२०१७ अन्वये त्यांनी वरील प्रमाणे सर्व्हे क्रमांक मध्ये PTG (Primitive Tribal Groups) व PAC (Pre Agricultural Communities) लोकांचे हक्क बाधित होत नाहीत तसेच सदर प्रस्तावित वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपूर महाकाली कॉलरी ही भूमीगत खदान असल्याने कोणाचेही हक्क बाधित होणार नाही, असा अभिप्राय दिलेला आहे. त्याचबरोबर तलाठी चांदा रै. यांनी मौका चौकशी अहवाल सादर केलेला आहे.

त्यामुळे उपविभागस्तरीय समितीमध्ये वरील सर्व्हे नंबर व कम्पार्टमेंट नं. मधील एकुण १९३.१९ हेक्टर वन विभागाच्या जागेमध्ये PTG (Primitive Tribal Groups) व PAC (Pre Agricultural Communities) लोकांचे वनहक्क बाधित होत नसल्याबाबत सभेमध्ये सर्वानुमते ठरविण्यात आले व मा. अध्यक्ष यांच्या संमतीने सर्वानुमते आभार व्यक्त करून सभा संपल्याचे जाहीर करण्यात आले.

उपविभागीय अधिकारी

तथा अध्यक्ष उपविभागस्तरीय समिती

चंद्रपूर

Annexure - 4

जिल्हाधिकारी कार्यालय, चंद्रपूर

जिल्हा स्तरीय समितीची सभा दि. 14/11/2017

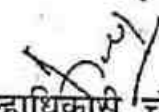
वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपूर यांना Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हेक्टर आर वनजमीनीकरीता FRA Certificate निर्गमित करण्याबाबत दिनांक 14/11/2017 रोजीचे बैठकीचे इतीवृत्त.

दिनांक 14/11/2017 रोजी 12:00 वाजता जिल्हाधिकारी, कार्यालय चंद्रपूर येथे मा. जिल्हाधिकारी, चंद्रपूर यांच्या अध्यक्षतेखाली वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपूर यांना Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हेक्टर आर वनजमीनीकरीता FRA Certificate निर्गमित करण्याच्या अनुषंगाने जिल्हा स्तरीय वनहक्क समितीची बैठक आयोजित करण्यात आलेली होती. सदर सभेमध्ये समितीचे सदस्य उपस्थित होते. सदर बैठकीस उपस्थितांची यादी सोबत जोडण्यात आली आहे.

अ. क्र.	मुद्दा	कार्यवाही करणारे अधिकारी/ यंत्रणा	कार्यवाहीचा तपशील
1	अनुसूचित जमाती व इतर पारंपारिक वन निवासी (वन हक्क मान्य करणे) अधिनियम, 2006 नियम 2008 व सुधारणा नियम 2012 अन्वये वेस्टर्न कोलफिल्ड्स लिमिटेड, चंद्रपूर यांना Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हेक्टर आर वनजमीनीकरीता FRA Certificate निर्गमित करतांना तेथील लोकांचे वनहक्क बाधित होतात किंवा नाही ही बाब कायद्यातील तरतुदीनुसार पाहणे गरजेचे आहे. तसेच सदर वनक्षेत्रावर दावेदारांनी वनहक्कांचे दावे दाखल केले आहे किंवा कसे या बाबत सभेमध्ये आढावा घेण्यात आला.	जिल्हाधिकारी, चंद्रपूर	कार्यवाही पूर्ण झालेली आहे.
2	Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हेक्टर वनजमीन महानगरपालिका क्षेत्रांतर्गत येत असल्यामुळे शासन निर्णय दिनांक 08/09/2015 अन्वये अनुसूचित जमाती व इतर पारंपारिक वन निवासी (वन हक्क मान्य करणे) अधिनियम, 2006 नियम 2008 व सुधारणा नियम 2012 अन्वये वनहक्क कायदा अमलबजावणी नगरपरिषदा/नगरपालिका व महानगरपालिका क्षेत्रातही लागू होत आहे असे शासननिर्णयात नमूद केलेले असल्याने आयुक्त, महानगरपालिका चंद्रपूर यांनी दिनांक 05/07/2017 रोजी मौजा चांदा रैख्यतवारी येथील सर्व नंबर 421, 441/1, 441/2, 441/3, 441/4, 461, 463/1, 243, 253, 392, 411, 412/2, 414, 449, 457, 462, 469/1, 469/2, 469/3 व मौजा चंद्रपूर येथील क्वार्टर नंबर 483 व 484 यामधील आवश्यक 193.19 हेक्टर वनजमीनीकरीता FRA Certificate निर्गमित करण्याच्या अनुषंगाने प्रभाग समितीचा ठराव घेण्यात आलेला	आयुक्त, महानगरपालिका, चंद्रपूर	प्रभाग समितीचा ठराव प्राप्त

	असुन प्रभाग समितीच्या ठरावामध्ये Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हे. आर. वनजमीनीकरीता FRA Certificate देण्यास मंजूरी प्रदान करण्यात आलेली आहे. तसेच दिनांक 05/07/2017 रोजी आयोजित करण्यात आलेल्या प्रभाग समितीच्या ठरावामध्ये एकुण प्रभाग समिती सदस्य संख्या 23 असुन सदर सभेच्या दिवशी 17 सदस्य उपस्थित असुन 50% पेक्षा जास्त उपस्थित सदस्यांनी FRA Certificate देण्यास मंजूरी प्रदान केलेली आहे.	आयुक्त, महानगरपालिका, चंद्रपूर	प्रभाग समितीचा ठराव प्राप्त
3	उप विभागीय अधिकारी, चंद्रपूर यांच्या अध्यक्षतेखाली दिनांक 24/10/2017 रोजी उप विभागीय स्तरीय समितीची सभा घेण्यात आलेली असुन सदर सभेमध्ये तलाठी अहवालानुसार मौजा चांदा रैव्यतवारी येथील सव्हे नंबर 421, 441/1, 441/2, 441/3, 441/4, 461, 463/1, 243, 253, 392, 411, 412/2, 414, 449, 457, 462, 469/1, 469/2, 469/3 या जमीनीवर काही लोकांचे अतिक्रमिता वस्ती व पडीत घरे असल्याचे नमुद केलेले आहे. परंतु Mahakali Colliery Underground Mine ही भुमीगत खदान असल्याने कोणाचेही हक्क बाधित होणार नाही असे वनविभागाच्या अहवालामध्ये नमुद करण्यात आलेले असल्याने Mahakali Colliery Underground Mine या प्रोजेक्टकरीता आवश्यक 193.19 हेक्टर वनजमीनीवर Primitive Tribal Groups (PTG) व Pre-Agricultural Communities (PAC) मधील कोणत्याही व्यक्तीचे हक्क बाधित होत नसल्याने Mahakali Colliery Underground Mine या प्रोजेक्ट करीता आवश्यक 193.19 हे. आर. वनजमीनीकरीता FRA Certificate देण्याबाबत उपविभागीय स्तरीय समितीच्या सभेमध्ये मंजूरी प्रदान करण्यात आलेली आहे.	उपविभागीय अधिकारी, चंद्रपूर	उपविभागीय स्तरीय समितीचा ठराव प्राप्त

वरील बाबीचा विचार केला असता Mahakali Colliery Underground Mine या प्रोजेक्टकरीता आवश्यक 193.19 हेक्टर वनजमीनीवर अनुसुचित जमाती व इतर पारंपारिक वन निवासी (वन हक्क मान्य करणे) अधिनियम, 2006 नियम 2008 व सुधारणा नियम 2012 अन्वये Primitive Tribal Groups (PTG) व Pre-Agricultural Communities (PAC) मधील कोणत्याही व्यक्तीचे हक्क बाधित होत नसल्याबाबत व कोणताही दावा संमत झाला नसल्याबाबत उपविभागीय स्तरीय समितीने दिनांक 24/10/2017 च्या सभेमध्ये ठरविले असुन कार्यवृत्त सादर केले आहे. त्या अन्वये FRA प्रमाणपत्र देण्यास कोणतीही हरकत नाही असे जिल्हा स्तरीय समितीद्वारे सर्वानुमते ठरविण्यात आलेले आहे.


जिल्हाधिकारी, चंद्रपूर

जिल्हाधिकारी, चंद्रपूर यांचे कार्यालय,
क्र. कार्या-4/आरबी-2/जमीन/2017/118
दिनांक :- 14/11/2017

जिल्हाधिकारी कार्यालय, चंद्रपूर

जिल्हा स्तरीय वनहक्क सभा दि. 14/11/2017

आज दिनांक 14/11/2017 रोजी 12:00 वाजता जिल्हाधिकारी, कार्यालय चंद्रपूर येथील वीस कलसी सभागृहात मा. जिल्हाधिकारी, चंद्रपूर यांच्या अध्यक्षतेखाली

1) वेस्टर्न कोलफिल्डस लिमिटेड, चंद्रपूर यांना Mahakali Colliery Underground Mine या प्रोजेक्ट करिता मौजा चांदा रैव्यतवारी येथील आवश्यक 193.19 हेक्टर आर वनजमीन.

2) विभागीय वन अधिकारी, चंद्रपूर वनविभाग, चंद्रपूर यांना Forest Rest House, Saoli या बांधकामाकरिता मौजा सावली येथील सर्व्हे नंबर 793 मधील 0.52 हे. आर वनजमीन

वरील प्रकल्पाकरिता FRA प्रमाणपत्र निर्गमित करण्याकरिता जिल्हा स्तरीय वनहक्क समितीची बैठक आयोजित करण्यात आली आहे. सदर बैठकीस खालील प्रमाणे जिल्हा स्तरीय समितीचे अधिकारी, पदाधिकारी उपस्थित होते.

1.	मा. जिल्हाधिकारी, चंद्रपूर	
2	मा. अतिरिक्त जिल्हाधिकारी, चंद्रपूर	
3	श्री. ए. एल. सोनकुसरे विभागीय वन अधिकारी, चंद्रपूर वन विभाग, चंद्रपूर.	
4	श्री. जी. व्ही. हिरे, उपवनसंरक्षक, मध्य चांदा वन विभाग, चंद्रपूर.	
5	श्री. कुलराज सिंह, उपवनसंरक्षक, ब्रम्हपूरी वन विभाग, ब्रम्हपूरी.	
6	श्री. जी. पी. नरवणे, उपसंचालक (बफर) ताडोबा अंधारी व्याघ्र प्रकल्प, चंद्रपूर.	
7	श्री. के. एस. मानकर, उपसंचालक (कोअर झोन) ताडोबा अंधारी व्याघ्र प्रकल्प, चंद्रपूर.	
8	श्री. एम. आर. दयानिधी, प्रकल्प अधिकारी, एकात्मिक आदिवासी विकास प्रकल्प, चंद्रपूर.	
9	श्री. के. ई. नावनकर, प्रकल्प अधिकारी, एकात्मिक आदिवासी विकास प्रकल्प, चिमुर.	

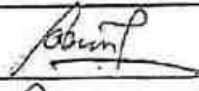

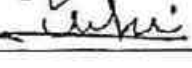
जिल्हाधिकारी कार्यालय, चंद्रपूर

जिल्हा स्तरीय वनहक्क सभा दि. 14/11/2017

आज दिनांक 14/11/2017 रोजी 12:00 वाजता जिल्हाधिकारी, कार्यालय चंद्रपूर येथील वीस कलमी सभागृहात मा. जिल्हाधिकारी, चंद्रपूर यांच्या अध्यक्षतेखाली

- 1) वेस्टर्न कोल्लिअरिज लिमिटेड, चंद्रपूर यांना Mahakali Colliery Underground Mine या प्रोजेक्ट करिता मौजा चांदा रैव्यतवारी येथील आवश्यक 193.19 हेक्टर आर वनजमीन.
- 2) विभागीय वन अधिकारी, चंद्रपूर वनविभाग, चंद्रपूर यांना Forest Rest House, Saoli या बांधकामाकरिता मौजा सावली येथील सर्व्हे नंबर 793 मधील 0.52 हे. आर वनजमीन

वरील प्रकल्पाकरिता FRA प्रमाणपत्र निर्गमित करण्याकरिता जिल्हा स्तरीय वनहक्क समितीची बैठक आयोजित करण्यात आली आहे, सदर बैठकीस खालील प्रमाणे सदस्य उपस्थित होते.

1.	श्री. वि. व. मोरे एलन गेट मध्य चंद्रपूर जिल्हा	
2	श्री. ए. एल. मेकात स्वयं, चंद्रपूर जिल्हा	
3	V. B. Joshi ITDP Chandrapur	
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

FORM - II

Annexure-II

(For projects other than linear Projects)

Government of Maharashtra

Office of the District Collector, Chandrapur

No./Karya-4/RB-II/2017/119

Dated :- 14/11/2017

TO WHOM SO EVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC(pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest purposes, it is certified that 193.19 hectares of forest land proposed to be diverted in favour of Western Coalfields Limited, Chandrapur (name of user agency) for Mahakali Colliery Underground Mine (Purpose for diversion of forest land) in Chandrapur District falls within jurisdiction of, Chandrapur Municipal Corporation, Chandrapur in Chandrapur Tahsil.

It is further certified that:

- The complete process for identification and settlement of rights under the FRA has been carried out for the entire 193.19 hectares of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest Right Committee, Ward Sabha (Prabhag Samiti), Sub-Division Level Committee and the District Level Committee are enclosed as annexure 1 to annexure 4.
- The proposal for such diversion (with full details of the project and its implications, in vernacular/ local language) have been placed before each concerned Ward Sabha (Prabhag Samiti) of forest dwellers, who are eligible under the FRA.
- The each concerned Ward Sabha (Prabhag Samiti) has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. A copy of certificate issued by the Ward Sabha (Prabhag Samiti) of Chandrapur Municipal Corporation, Chandrapur is enclosed as annexure 1.
- The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Ward Sabha (Prabhag Samiti) present;
- The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Ward Sabha have given their consent to it;
- The rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded as per section 3(1) (e) of the FRA.



Ashutosh Salil
Collector, Chandrapur

Office Of the Collector, Chandrapur
No.Karya-4 /RB-II/2017/120
Dated :- 14/11/2017

Annexure of certificate for recognition of FRA Act 2006 for the proposal of diversion of forest land required for The Western Coalfields Limited, Chandrapur for its projects of Mahakali Colliery Underground Mine

Dist : Chandrapur

Sr No	Name of Tahasil	Name Of Village	Survey No	Compat. No.	Forest land required for Project in Hectare
1	2		3	4	5
1		Chandrapur		483	52.47
				484	41.17
			421		85.84
			441/1		
			441/2		
			441/3		
			441/4		
			461		
			463/1		
			243		13.71
			253		
			392		
			411		
			412/2		
			414		
			449		
			457		
			462		
			469/1		
			469/2		
			469/3		
Total Area in Ha					193.19



[Signature]
Collector Chandrapur



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Mahakali Ug Mine		
Project Address:	Near Babupeth Village, Wardha Valley Coalfield, Chandrapur Area Of Wcl		
Town:	Chandrapur	Block:	Chandrapur
District:	Chandrapur	State:	Maharashtra
Pin Code:			
Communication Address:	General Manager (env), Wcl (hq), Coal Estate, Civil Line, Nagpur, Nagpur, Maharashtra - 440001		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	NOC No.:		CGWA/NOC/MIN/ORIG/2022/14561												
2.	Application No.:		21-4/829/MH/MIN/2017				3.	Category: (GWRE 2020)		Safe					
4.	Project Status:		Existing Project												
6.	Valid from:		15/02/2022				7.	Valid up to:		14/02/2024					
8.	Ground Water Abstraction Permitted:														
Fresh Water			Saline Water				Dewatering			Total					
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
0.00		0.00						4500.00		1642500.00					
9.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:0							Total Proposed No.:0								
			DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Abstraction Structure*			0	0	0	0	0	4	0	0	0	0	0	0	
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):								8212500.00						
11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.						No. of Piezometers		Monitoring Mechanism						
								Manual	DWLR**	DWLR With Telemetry					
**DWLR - Digital Water Level Recorder						2		0	1	1					

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

REPORT ON
MONITORING OF GROUND WATER LEVEL
OF
MAHAKALI UG MINE,
CHANDRAPUR AREA
(M.S)
WESTERN COALFIELDS LTD.



**PERIOD- DEC 2022 (POST-MONSOON), JAN-FEB -2023 (WINTER) & MAY-2023
(PRE-MONSOON)**



M/s Anacon Laboratories Pvt. Ltd., Nagpur

MoEF&CC (GOI) and NABL Recognized Laboratory
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
Lab. & Consultancy: FP-34, 35, Food Park,
MIDC, Butibori, Nagpur – 441122
Mob: +91-9372960077
Email: ngp@anacon.in
Website: www.anaconlaboratories.com
Report No. ANqr /PD/20A/2023/199

2022-23 & 2023-24

Certificate

The Ground water Level monitoring has been carried out with due diligence and the Monitoring of Ground Water Level of all observation wells Report have been prepared as per the scope of work order no. वेकोलि/मुख्यालय/पर्यावरण/14-L/77 on date: 08.12.2022.

The report encompasses the Monitoring of Ground water level reports of observation wells pertaining to the MAHAKALI UG MINE, of the Chandrapur District, Maharashtra.

Anacon Laboratories Pvt. Ltd. gratefully acknowledges the full cooperation rendered by concerned WCL Officials for timely completion of the project.



Ajinkya Nakod
(Geologist)



Gyanchand Bohra
NABET Accredited EIA Expert
for Hydrogeology & Geology



(Dr. D. G. Garway)
Head of Organization
Anacon Laboratories Pvt. Ltd., Nagpur

Nagpur.
August-2023

CONTENTS			
TABLE/FIGURE	NAME OF SUB MINE PROJECT	GROUND WATER MONITORING DETAILS OF WELL	Page No.
I-FIGURE	MAHAKALI UG MINE,	GROUND WATER MONITORING STATION (OBSERVATION WELLS IN AND AROUND OF MAHAKALI UG MINE,	7
I-TABLE	MAHAKALI UG MINE,	GROUND WATER MONITORING OF WELL DATA FROM DEC 2022(POST-MONSOON) , JAN-FEB 2023 (WINTER) & MAY-2023 (PRE-MONSOON)	8
III	MAHAKALI UG MINE,	ANALYSIS REPORT	11

INTRODUCTION

WCL is one of the eight Subsidiary Companies of Coal India Limited (CIL) which is under administrative control of Ministry of Coal. The Company incorporated under the Companies Act, 1956 has its registered office at Coal Estate, Civil Lines, Nagpur-440001. WCL has been conferred "Mini-ratna" status on 15 March 2008. It has mining operation spread over the states of Maharashtra (in Nagpur, Chandrapur & Yeotmal Districts) and Madhya Pradesh (in Betul and Chhindawara Districts). It has been divided into 10 administrative areas. The Company is a major source of supplies of coal to the industries located in Western India in the States of Maharashtra, Madhya Pradesh, Gujarat and also in Southern India in the States of Andhra Pradesh, Tamil Nadu, Karnataka and Kerala. A large numbers of Power Houses under Maharashtra, Madhya Pradesh, Gujarat, Karnataka, Punjab and Uttar Pradesh - Electricity Boards are major consumers of its coal along with cement, steel, chemical, fertilizer, paper and brick Industries in these states.

M/s Anacon Laboratories Pvt. Ltd. has been awarded the Work of "Groundwater level Monitoring (i.e. bore well / piezometer Water levels) and Water quality analysis (as per IS10500) for 76 projects / mines of WCL (situated in the state of Madhya Pradesh – Chhindwara & Betul districts and Maharashtra – Nagpur, Chandrapur & Yeotmal districts) for one year as per condition stipulated in Environmental Clearance letters issued by MoEF & CC & NOC issued by CGWA" vide work order वेकोलि/मुख्यालय/पर्यावरण/14-L/77 on date: 08.12.2022.

This Ground Water Level Monitoring report is prepared for MAHAKALI UG MINE, mines of Chandrapur area of WCL for 3 seasons i.e. DEC 2022 (POST-MONSOON), JAN-FEB 2023 (WINTER) & MAY-2023 (PRE-MONSOON). These mine IS located in Chandrapur District of Maharashtra.

GENERAL HYDROGEOLOGICAL CONDITION

The major water bearing formations in the district are Alluvium, Lower Gondwana Sandstones, Deccan Trap Basalt, Vindhyan Limestone and Archean metamorphic. Amongst these, the lower Gondwana Sandstones, particularly Kamthi Sandstone forms the most potential aquifer.

A. HARD ROCK FORMATIONS

ARCHEAN METAMORPHICS

Archeans, which comprise granite and granitic gneiss, occur in most of the eastern part of the district extending north-south from Nagbhid to Gondpipri. 6 These rocks are generally devoid of primary porosity, but weathering, jointing, fracturing, shearing etc., create secondary porosity, within which the ground water generally occurs in phreatic conditions. The depth of weathering ranges from 4 to 12 m bgl and dugwells are generally tapping this zone with yields of up to 30 m³ /day. Contrary to the general perception, the possibility of deep seated fracture zone exists in the area because of tectonic disturbances manifested in the form of dykes observed in the area. Therefore borewells in the depth range of 40-70 m bgl are also successful in this formation at suitable places with yield of 1000 to 35000 lph. High yielding dugwells are generally located in fractured granites.

VINDHYAN LIMESTONE

In Vindhyan, Limestones are water bearing formation while Sandstone due to their hard and compact nature, has poor ground water potential. The Vindhyan sedimentaries mainly occur in

north central part of the district around Tadoba and Nagbhid in parts of Chimur, Sindewahi, Bhadravati and Nagbhid talukas and in south eastern part of the district in parts of Chandur and Rajura talukas. Limestones as such are massive but wherever they are cavernous and fractured they are capable of holding water and the ground water generally occurs under phreatic condition in these formations and the discharge in general is poor (up to 15 m³ /day). The borewells drilled by State Govt. agencies in the depth range of 30 to 40 m bgl are successful only at few places where discharge of 10000 lph or above has been observed.

DECCAN TRAP BASALT

Deccan Trap Basalt is observed in small area in the north eastern and south eastern peripheral parts of the district and does not form a promising aquifer in the district. Weathered, jointed and fractured Massive and Vesicular Basalt forms the aquifer in the area. Ground water occurs in phreatic conditions within the depth of 10-15 m, however, borewells drilled have shown presence of fracture zones and thus forming deeper confined and semi-confined aquifers at places. The dugwells yield varies from 15-30 m³ /day when favourably located, whereas borewells yield 1 to 3 lps.

B. SOFT ROCK FORMATIONS

GONDWANA SANDSTONE

Gondwana formation comprising of Kamthi and Barakar Sandstone and Maleri and Talchir Shale occupy north-south extending elongated stretch in central and southern parts of the district in parts of Warora, Bhadravati, Chandrapur, Ballarpur, Rajura and Gondpipri talukas. Sandstone is usually friable and possesses primary porosity due to its granular nature. They are most productive water bearing formations in the district. The ground water occurs under phreatic as well as confined conditions in Kamthi Sandstone up to the depth of 80 to 120 m bgl with thickness varying from 34 to 102 m. Barakar Sandstone occurs below Kamthi formation and three granular zones are observed with cumulative thickness of about 72 m within a 300 m thick sandstone-shale sequence. Comparatively Kamthi Sandstone has more ground water potential with yields of up to 20 lps. The other Gondwana formations i.e., Maleri Series (upper Gondwana) and Talchirs (lower Gondwana) have very poor ground water potential and ground water occurs in phreatic condition.

ALLUVIUM

Alluvium of fluvial origin occurs in narrow patches along the banks of Wardha and Wainganga Rivers and consists of clay, silt with lenticular bodies of sand and gravel. Ground water generally occurs under phreatic conditions down to the depth of 10-15 m. The area in the north eastern part of the district near Brahmapuri along the western bank of Wainganga River and having a spread of about 100 sq. km. forms the most potential alluvial area. The Alluvium in this part is occurs down to 30-35 m and the basement is reported to be formed by Granitic Gneisses. The dugwells yield up to 50 m³ /day when favourably located, whereas shallow tubewells yield varies from 5 to 15 lps.

**MAHAKALI UG MINE,
CHANDRAPUR AREA
WESTERN COALFIELDS LTD.**

PERIOD- DEC 2022(POST-MONSOON), JAN-FEB 2023 (WINTER) & MAY-2023 (PRE-MONSOON)

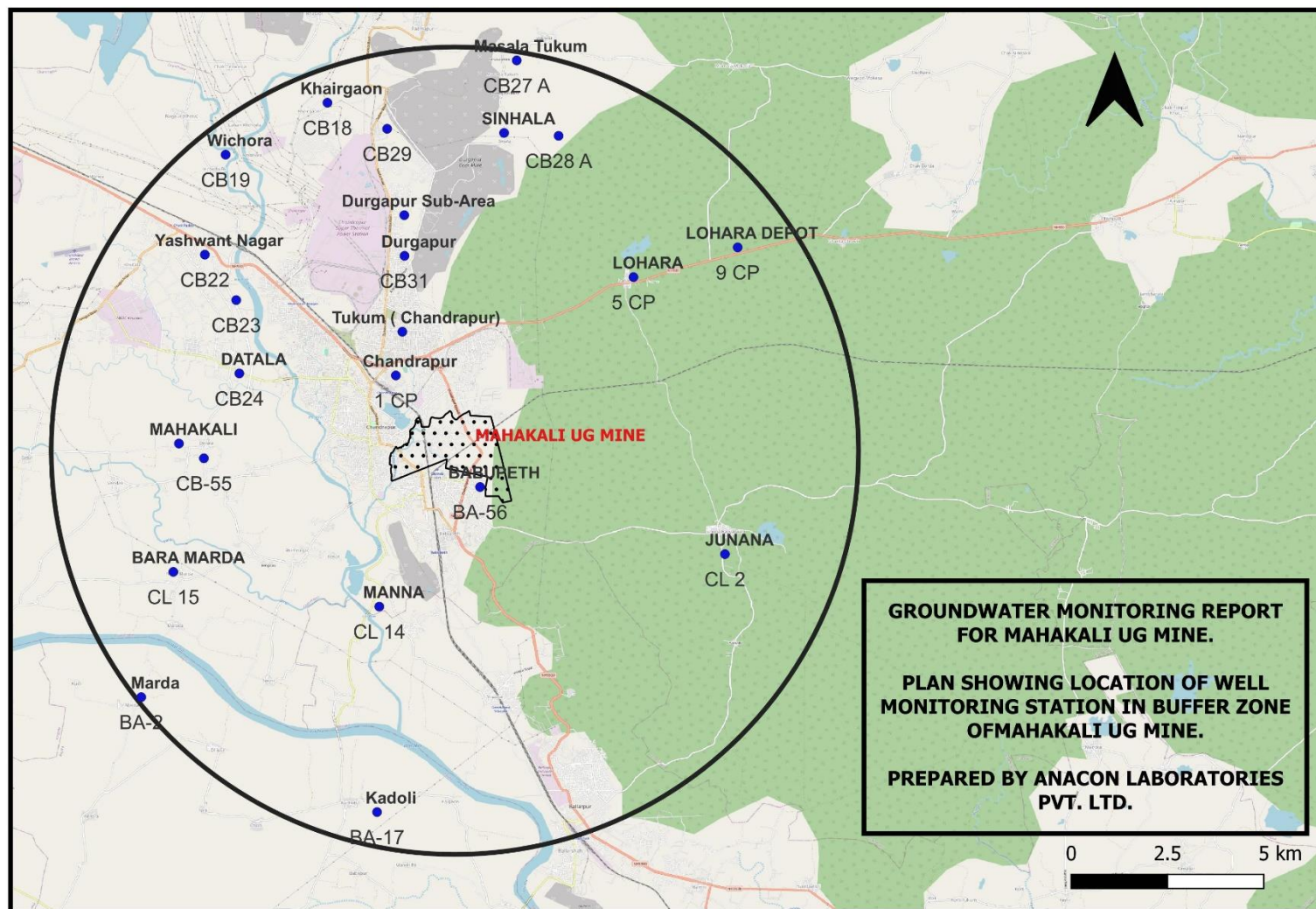


FIGURE-I: GROUND WATER MONITORING STATION (OBSERVATION WELLS IN AND AROUND OF MAHAKALI UG MINE)

Table: IGround Water Level Monitoring Data from Dugwells in Buffer Zone of Mahakali UG Mine, Chandrapur Area, WCL

Sr. NO	Well No.	Name of village	Well location	LAT	LONG	R.L. in m	Well dia (m)	Well depth (m bmp)	Height of measuring point (m agl)	Depth to water level (m bgl)			Utility / Owner	Formation Tapped
										Dec-22	JAN - FEB-23	May-23		
1	CB18	Khairgaon	North of village , near Primary school	20°1'51.9"	79°17'7.44"	205	11.42	2.41	0.55	6.85	7.65	8.91	agriculture	laterite
2	CB19	Wichora	West of village , near Budha Samaj	20°1'5.57"	79°15'36.64"	215	11.02	2.14	0	7	9.45	10.10	agriculture	laterite
3	CB22	Yashwant Nagar	Centre of village , near Zila Parishad school & Hanuman Mandir	19°59'36.44"	79°15'18.15"	217	7.87	3.97	0.82	3.65	4.25	6.35	agriculture	limestone
4	CB23	Kosara	West of village , adjacent to road	19°58'55.9"	79°15'46.1"	238	12.25	3.91	0.94	4.45	5.35	11.42	agriculture	basalt
5	CB27 A	Masala Tukum	South of village , adjacent to Warwat road	20°2'29.65"	79°19'56.29"	240	8.41	2.87	0.62	6.15	7.75	7.95	agriculture	limestone

Sr. NO	Well No.	Name of village	Well location	LAT	LONG	R.L. in m	Well dia (m)	Well depth (m bmp)	Height of measuring point (m agl)	Depth to water level (m bgl)			Utility / Owner	Formation Tapped
										Dec-22	JAN - FEB-23	May-23		
6	CB24	DATALA	SE of village , in Shanti Kunj Nagar	19°57'50.51"	79°15'48.89"	187	14.28	4.3	0.62	5.85	7.45	12.14	agriculture	laterite
7	CB28 A	Navegaon	Near OH Tank, South of village , East of Warwat road	20°1'22.36"	79°20'33.62"	215	8.42	3.88	0.61	4.75	6.4	6.91	agriculture	laterite
8	CB29	Padmapur Sub -Area Office	Outside SAM office, adjacent to Tadoba road (E)	20°1'28.65"	79°18'0.69"	222	10.13	2.61	0.63	4.25	5.75	8.85	agriculture	basalt
9	CB31	Durgapur	East of Tadoba road , inside St. Mary's Convent compound	19°59'35.39"	79°18'16.18"	198	11.47	3.27	0.45	3.85	4.85	10.15	agriculture	basalt
10	CB32	Durgapur Sub-Area	Trade Union office compound (INTUC), MQ type quarters	20°0'11.63"	79°18'15.98"	243	8..93	2.34	0.72	7.35	7.9	7.28	agriculture	limestone

Sr. NO	Well No.	Name of village	Well location	LAT	LONG	R.L. in m	Well dia (m)	Well depth (m bmp)	Height of measuring point (m agl)	Depth to water level (m bgl)			Utility / Owner	Formation Tapped
										Dec-22	JAN - FEB-23	May-23		
11	CB30B	SINHALA	100 m East from Road between Sinhala nad Navegaon	20°1'25"	79°19'45"	240	12.48	3.29	0.91	8.25	9.35	11.49	agriculture	basalt
12	CB33	Tukum (Chandrapur)	Adjacent (East) to Tadoba road in garden, near Petrol pump.	19°58'27.68"	79°18'14.23"	212	9.85	3.3	0.77	7.25	8.25	9.10	agriculture	basalt
13	CB-55	DEWADA	EAST 100M FROM NIMKAR DAILY NEEDS ADJACENT TO THE ROAD.	19°56'34.87"	79°15'17.28"	215	11.5	4.8	0.2	3.5	4.6	9.49	domestic	basalt
14	1 CP	Chandrapur	Infront of Telephone exchange LIC office	19°57'48.74"	79°18'8.45"	223	8.41	2.73	0.61	3.65	6.95	7.25	agriculture	laterite
15	5 CP	LOHARA	Adjacent to Lohara Mul road Near Naka Bungalow	19°59'16.4"	79°21'40.41"	215	8.2	2.29	0.61	5.45	7.7	7.95	agriculture	basalt

Sr. NO	Well No.	Name of village	Well location	LAT	LONG	R.L. in m	Well dia (m)	Well depth (m bmp)	Height of measuring point (m agl)	Depth to water level (m bgl)			Utility / Owner	Formation Tapped
										Dec-22	JAN - FEB-23	May-23		
16	9 CP	LOHARA DEPOT	Adjacent to Lohara Mul road Infront of Lohara Bamboo dept.	19°59'42.93"	79°23'13.3"	171	16.25	1.19	0.61	9.75	10.25	13.41	agriculture	basalt
17	CL 14	MANNA	Inside village by side of house Bapuji Motghare	19°54'22.62"	79°17'53.69"	230	11.17	3.51	0.45	1.85	7.35	10.15	agriculture	laterite
18	CL 15	BARA MARDARDA	At the junction of Marda Pipri road	19°54'53.58"	79°14'49.98"	231	9.7	3.67	0.32	3.65	6.35	8.19	agriculture	laterite
19	CL 2	JUNANA	Forest colony	19°55'9.4"	79°23'1.99"	185	14.4	1.26	0.7	8.15	9.25	11.42	agriculture	limestone
20	PZ - 1	MAHAKALI	Filter plant	19°56'48"	79°14'55"	198	8.45	2.91	0.71	4.15	6.95	PIEZOMETER IS NOT SITUATED WELL MONITORING ARE DONE	agriculture	laterite

Sr. NO	Well No.	Name of village	Well location	LAT	LONG	R.L. in m	Well dia (m)	Well depth (m bmp)	Height of measuring point (m agl)	Depth to water level (m bgl)			Utility / Owner	Formation Tapped
										Dec-22	JAN - FEB-23	May-23		
21	BA-2	Marda	NW of village, outside	19°53'1.9"	79°14'21.4"	181	8.46	2.68	0.88	3.45	4.15	5.9	Domestic	limestone
22	BA-17	Kadoli	East of village, outside near Mata mandir, 150 m S of Kadoli-Kolgaon Road	19°51'19.4"	79°17'51.7"	186	6.44	3.94	0.81	3.25	3.5	4	agriculture	laterite
23	BA-56	BABUPETH	NEAR KARANBE HOUSE ADJACENT TO KACCHA ROAD.	19°56'9.25"	79°19'23.56"	222	9.1	4	0.6	3.5	4.8	7.3	Domestic	basalt

ANALYSIS REPORT



**Anacon
Laboratories**



TC 5458

Test Report

ULR No.- TC545823000001925F
Test Report No.: ALPL/18072023/08- 46

Dated 18.07.2023

Page 1 of 1

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S.), 440001	Sample Inward No. ALPL/24062023/W-1/54-46	Analysis Start 24.06.2023
	Inward Date 24.06.2023	Analysis End 14.07.2023
Reference -		Sample Category Water
Sample Name Ground Water	Sample Particulars/Details Ground Water (Sample ID: 1 CP): (Chandrapur Area)	Purpose of analysis Drinking
Sample Collected By Mr. Akash Kirnake	Sampling Date 19.05.2023 Sampling Time Not Mentioned	Quantity Received 1 Ltr
Tests Required: Chemical Testing.		

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Chemical Testing 1. Water					
1	Alkalinity	mg/l	IS 3025 (Part 23) : 1986	200	600	83.21
2	Colour	Hazen	IS 3025 (Part 4) : 2021	5	15	1
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) : 1988	250	1000	35.73
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	75	200	25.92
5	Residual Chlorine	mg/l	IS 3025 (Part 26) : 2021	0.2	1	BDL (DL- 0.1)
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	1.0	1.5	0.12
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	30	100	8.76
8	Nitrate (as NO ₃)	mg/l	APHA method 23rd edition: 2017	45	No relaxation	BDL (DL- 2)
9	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
10	pH	-	IS 3025 (Part 11) : 2022	6.5 to 8.5	No relaxation	8.09
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 2022	200	400	3.86
12	Total dissolved solids	mg/l	IS 3025 (Part 16) : 2023	500	2000	244
13	Turbidity	NTU	IS 3025 (Part 10) : 1984	1	5	0.3
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	200	600	100.5
II	Chemical Testing 2. Residues In Water					
15	Arsenic (as As)	mg/l	IS 3025 (Part 37) : 2022	0.01	No relaxation	BDL (DL - 0.01)
16	Aluminium (as Al)	mg/l	IS 3025 (Part 2) : 2019	0.03	0.2	BDL (DL - 0.01)
17	Boron (as B)	mg/l	IS 3025 (Part 2) : 2019	0.5	2.4	BDL (DL - 0.1)
18	Copper (as Cu)	mg/l	IS 3025 (Part 2) : 2019	0.05	1.5	BDL (DL - 0.03)
19	Cadmium (as Cd)	mg/l	IS 3025 (Part 2) : 2019	0.003	No relaxation	BDL (DL - 0.001)
20	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2019	1.0	No relaxation	0.01
21	Lead (as Pb)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
22	Manganese (as Mn)	mg/l	IS 3025 (Part 2) : 2019	0.1	0.3	BDL (DL - 0.05)
23	Nickel (as Ni)	mg/l	IS 3025 (Part 2) : 2019	0.02	No relaxation	BDL (DL - 0.01)
24	Selenium (as Se)	mg/l	IS 3025 (Part 56) : 2003	0.01	No relaxation	BDL (DL - 0.001)
25	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2) : 2019	0.05	No relaxation	BDL (DL - 0.03)
26	Zinc (as Zn)	mg/l	IS 3025 (Part 2) : 2019	5	15	BDL (DL - 0.1)

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #Permissible limit in absence of an alternate source for drinking water. ● 'mg/l' is equivalent to 'ppm'. ● BDL- Below detection limit. ● DL- DL Indicates detection limit of instrument /method and shall be considered as 'absent'.

REMARKS: As requested by the client, sample was tested for above parameters only. The submitted Sample complies with IS:10500:2012, for tests conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

Verified By

per
Mangesh Fande
Technical Manager

Snehal Raut
Deputy Technical Manager

Authorized Signatory

Chiranjay Garway
Deputy Quality Manager

-----END OF REPORT-----

Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experienced will be significantly better than the current one, we welcome your feedback on feedback@anacon.in

Anacon Laboratories Pvt. Ltd. Nagpur Lab

Q FP-34, 35, Food Park, Five Star Industrial Estate, MIDC Butibori, Nagpur, Maharashtra, India - 441 122

+ 91 8045685558 Email : info@anacon.in

<https://www.anaconlaboratories.com>





Anacon Laboratories

Anacon Laboratories Pvt. Ltd. Nagpur Lab

FP-34, 35, Food Park, Five Star Industrial Estate,

MIDC Butibori, Nagpur, Maharashtra, India - 441 122

+ 91 8045685558 Email : info@anacon.in

https://www.anaconlaboratories.com



Test Report

ULR No.- TC545823000001994F

Test Report No.: ALPL/22072023/05- 1

Dated 22.07.2023

Page 1 of 1

TC 5458

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S), 440001		Sample Inward No. ALPL/29062023/W-2/64-1	Analysis Start 29.06.2023
		Inward Date 29.06.2023	Analysis End 20.07.2023
		Reference -	Sample Category Water
Sample Name Ground Water	Sample Particulars/Details Ground Water (Sample ID: BA-2); (Ballarpur Area)		Purpose of analysis Drinking
			Quantity Received 1 Ltr
Sample Collected By Mr. Akash Kirmake		Sampling Date 23.05.2023	Sampling Location Marda
		Sampling Time Not Mentioned	
Tests Required: Chemical Testing			

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Chemical Testing 1. Water					
1	Alkalinity	mg/l	IS 3025 (Part 23) : 1986	200	600	149.27
2	Colour	Hazen	IS 3025 (Part 4) : 2021	5	15	1
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) :1988	250	1000	25.07
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	75	200	22.78
5	Residual Chlorine	mg/l	IS 3025 (Part 26) : 2021	0.2	1	BDL(DL- 0.1)
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	1.0	1.5	0.11
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	30	100	9.53
8	Nitrate (as NO ₃)	mg/l	APHA method 23rd edition: 2017	45	No relaxation	BDL(DL- 2)
9	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
10	pH	-	IS 3025 (Part 11) : 2022	6.5 to 8.5	No relaxation	7.83
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 2022	200	400	10.75
12	Total dissolved solids	mg/l	IS 3025 (Part 16) : 1984	500	2000	280.94
13	Turbidity	NTU	IS 3025 (Part 10) : 1984	1	5	0.1
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	200	600	96.12
II	Chemical Testing 2. Residues In Water					
15	Arsenic (as As)	mg/l	IS 3025 (Part 37) : 2022	0.01	No relaxation	BDL (DL - 0.01)
16	Aluminium (as Al)	mg/l	IS 3025 (Part 2) : 2019	0.03	0.2	BDL(DL - 0.01)
17	Boron	mg/l	IS 3025 (Part 2) : 2019	0.5	2.4	BDL (DL - 0.1)
18	Copper (as Cu)	mg/l	IS 3025 (Part 2) : 2019	0.05	1.5	BDL (DL - 0.03)
19	Cadmium (as Cd)	mg/l	IS 3025 (Part 2) : 2019	0.003	No relaxation	BDL (DL - 0.001)
20	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2019	1.0	No relaxation	0.04
21	Lead (as Pb)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
22	Manganese (as Mn)	mg/l	IS 3025 (Part 2) : 2019	0.1	0.3	BDL (DL - 0.05)
23	Nickel (as Ni)	mg/l	IS 3025 (Part 2) : 2019	0.02	No relaxation	BDL (DL - 0.01)
24	Selenium (as Se)	mg/l	IS 3025 (Part 56) : 2003	0.01	No relaxation	BDL (DL - 0.001)
25	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2) : 2019	0.05	No relaxation	BDL (DL - 0.03)
26	Zinc (as Zn)	mg/l	IS 3025 (Part 2) : 2019	5	15	BDL (DL - 0.1)

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only.
● Test report shall not be reproduced except in full without prior written approval of Anacon Labs ● Liability of Anacon Labs is limited to invoiced amount only ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise ● #Permissible limit in absence of an alternate source for drinking water. ● "mg/l" is equivalent to "ppm". ● BDL- Below detection limit. ● DL- DL Indicates detection limit of instrument /method and shall be considered as 'absent'.

REMARKS: As requested by the client, sample was tested for above parameters only. The Submitted Sample complies with IS:10500:2012 for tests conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

Verified By

Mangesh Fande
Mangesh Fande
Technical Manager

Snehal Raut
Snehal Raut
Deputy Technical Manager

Authorized Signatory

Chinmay Garway
Chinmay Garway
Deputy Quality Manager

-----END OF REPORT-----

Thanks for putting in your faith and trust in our services, We at Anacon Laboratories cherish our relationship. We put in a lot of hard work to ensure that you have a seamless experience at every step of our relationship. In order to ensure that your next experience will be significantly better, we welcome your feedback over email on feedback@anacon.in





Anacon Laboratories

Anacon Laboratories Pvt. Ltd. Nagpur Lab
 ♣ FP-34, 35, Food Park, Five Star Industrial Estate,
 MIDC Butibori, Nagpur, Maharashtra, India - 441 122
 ☎ + 91 8045685558 ✉ Email : info@anacon.in
 🌐 https://www.anaconlaboratories.com



Test Report

ULR No.- TC545823000001994F

Test Report No.: ALPL/22072023/05- 14

Dated 22.07.2023

Page 1 of 1

TC 5458

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S.), 440001		Sample Inward No. ALPL/29062023/W-2/64-14 Inward Date 29.06.2023 Reference -	Analysis Start 29.06.2023 Analysis End 20.07.2023 Sample Category Water
Sample Name Ground Water	Sample Particulars/Details Ground Water (Sample ID: BA-17); (Ballarpur Area)		Purpose of analysis Drinking Quantity Received 1 Ltr
Sample Collected By Mr. Akash Kirnake		Sampling Date 25.05.2023 Sampling Time Not Mentioned	Sampling Location Kadoli

Tests Required: Chemical Testing

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Chemical Testing 1. Water					
1	Alkalinity	mg/l	IS 3025 (Part 23) : 1986	200	600	124.55
2	Colour	Hazen	IS 3025 (Part 4) : 2021	5	15	1
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) :1988	250	1000	28.92
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	75	200	27.76
5	Residual Chlorine	mg/l	IS 3025 (Part 26) : 2021	0.2	1	BDL(DL- 0.1)
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	1.0	1.5	0.23
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	30	100	8.66
8	Nitrate (as NO ₃)	mg/l	APHA method 23rd edition: 2017	45	No relaxation	BDL(DL- 2)
9	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
10	pH	-	IS 3025 (Part 11) : 2022	6.5 to 8.5	No relaxation	8.05
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 2022	200	400	9.35
12	Total dissolved solids	mg/l	IS 3025 (Part 16) : 1984	500	2000	314
13	Turbidity	NTU	IS 3025 (Part 10) : 1984	1	5	0.2
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	200	600	105.02
II	Chemical Testing 2. Residues In Water					
15	Arsenic (as As)	mg/l	IS 3025 (Part 37) : 2022	0.01	No relaxation	BDL (DL - 0.01)
16	Aluminium (as Al)	mg/l	IS 3025 (Part 2) : 2019	0.03	0.2	BDL(DL- 0.01)
17	Boron	mg/l	IS 3025 (Part 2) : 2019	0.5	2.4	BDL (DL - 0.1)
18	Copper (as Cu)	mg/l	IS 3025 (Part 2) : 2019	0.05	1.5	BDL (DL - 0.03)
19	Cadmium (as Cd)	mg/l	IS 3025 (Part 2) : 2019	0.003	No relaxation	BDL (DL - 0.001)
20	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2019	1.0	No relaxation	0.02
21	Lead (as Pb)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
22	Manganese (as Mn)	mg/l	IS 3025 (Part 2) : 2019	0.1	0.3	BDL (DL - 0.05)
23	Nickel (as Ni)	mg/l	IS 3025 (Part 2) : 2019	0.02	No relaxation	BDL (DL - 0.01)
24	Selenium (as Se)	mg/l	IS 3025 (Part 56) : 2003	0.01	No relaxation	BDL (DL - 0.001)
25	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2) : 2019	0.05	No relaxation	BDL (DL - 0.03)
26	Zinc (as Zn)	mg/l	IS 3025 (Part 2) : 2019	5	15	BDL (DL - 0.1)

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only.
 ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #Permissible limit in absence of an alternate source for drinking water. ● 'mg/l' is equivalent to 'ppm'. ● BDL- Below detection limit. ● DL- DL Indicates detection limit of instrument /method and shall be considered as 'absent'.

REMARKS: As requested by the client, sample was tested for above parameters only. The Submitted Sample complies with IS:10500:2012 for tests conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

Verified By

Mangesh Fande
 Mangesh Fande
 Technical Manager

Snehal Raut
 Snehal Raut
 Deputy Technical Manager

Authorized Signatory

Chinmay Garway
 Chinmay Garway
 Deputy Quality Manager

-----END OF REPORT-----

Thanks for putting in your faith and trust in our services, We at Anacon Laboratories cherish our relationship. We put in a lot of hard work to ensure that you have a seamless experience at every step of our relationship. in order to ensure that your next experience will be significantly better, we welcome your feedback over email on feedback@anacon.in





Test Report

TC 5458

ULR No.- TC545823000001994F

Test Report No.: ALPL/22072023/05- 42

Dated 22.07.2023

Page 1 of 1

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S.), 440001		Sample Inward No. ALPL/29062023/W-2/64-42 Inward Date 29.06.2023 Reference -	Analysis Start 29.06.2023 Analysis End 20.07.2023 Sample Category Water
Sample Name Ground Water	Sample Particulars/Details Ground Water (Sample ID: BA-56): (Ballarpur Area)		Purpose of analysis Drinking
Sample Collected By Mr. Akash Kirnake		Sampling Date 29.05.2023 Sampling Time Not Mentioned	Quantity Received 1 Ltr
Tests Required: Chemical Testing			

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Chemical Testing 1. Water					
1	Alkalinity	mg/l	IS 3025 (Part 23) : 1986	200	600	126.9
2	Colour	Hazen	IS 3025 (Part 4) : 2021	5	15	1
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) :1988	250	1000	42.42
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	75	200	25.63
5	Residual Chlorine	mg/l	IS 3025 (Part 26) : 2021	0.2	1	BDL(DL- 0.1)
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	1.0	1.5	0.11
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	30	100	7.80
8	Nitrate (as NO ₃)	mg/l	APHA method 23rd edition: 2017	45	No relaxation	2.38
9	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
10	pH	-	IS 3025 (Part 11) : 2022	6.5 to 8.5	No relaxation	7.44
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 2022	200	400	10.38
12	Total dissolved solids	mg/l	IS 3025 (Part 16) : 1984	500	2000	209
13	Turbidity	NTU	IS 3025 (Part 10) : 1984	1	5	0.2
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	200	600	96.12
II	Chemical Testing 2. Residues In Water					
15	Arsenic (as As)	mg/l	IS 3025 (Part 37) : 2022	0.01	No relaxation	BDL (DL - 0.01)
16	Aluminium (as Al)	mg/l	IS 3025 (Part 2) : 2019	0.03	0.2	BDL(DL- 0.01)
17	Boron	mg/l	IS 3025 (Part 2) : 2019	0.5	2.4	BDL (DL - 0.1)
18	Copper (as Cu)	mg/l	IS 3025 (Part 2) : 2019	0.05	1.5	BDL (DL - 0.03)
19	Cadmium (as Cd)	mg/l	IS 3025 (Part 2) : 2019	0.003	No relaxation	BDL (DL - 0.001)
20	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2019	1.0	No relaxation	BDL(DL- 0.01)
21	Lead (as Pb)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
22	Manganese (as Mn)	mg/l	IS 3025 (Part 2) : 2019	0.1	0.3	BDL (DL - 0.05)
23	Nickel (as Ni)	mg/l	IS 3025 (Part 2) : 2019	0.02	No relaxation	BDL (DL - 0.01)
24	Selenium (as Se)	mg/l	IS 3025 (Part 56) : 2003	0.01	No relaxation	BDL (DL- 0.001)
25	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2) : 2019	0.05	No relaxation	BDL (DL - 0.03)
26	Zinc (as Zn)	mg/l	IS 3025 (Part 2) : 2019	5	15	BDL (DL - 0.1)

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only.
 ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise ● #Permissible limit in absence of an alternate source for drinking water. ● 'mg/l' is equivalent to 'ppm'. ● BDL- Below detection limit. ● DL- DL Indicates detection limit of instrument /method and shall be considered as 'absent'.

REMARKS: As requested by the client, sample was tested for above parameters only. The Submitted Sample complies with IS:10500:2012 for tests conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

Verified By

Mangesh Fande
Technical Manager

Snehal Raut
Deputy Technical Manager

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

-----END OF REPORT-----

Thanks for putting in your faith and trust in our services, We at Anacon Laboratories cherish our relationship. We put in a lot of hard work to ensure that you have a seamless experience at every step of our relationship. In order to ensure that your next experience will be significantly better, we welcome your feedback over email on feedback@anacon.in





**Anacon
Laboratories**



TC 5458

Test Report

ULR No.- TC545823000001925F

Test Report No.: ALPL/18072023/08- 14

Dated 18.07.2023

Page 1 of 1

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S), 440001		Sample Inward No. ALPL/24062023/W-1/54-14 Inward Date 24.06.2023 Reference -	Analysis Start 24.06.2023 Analysis End 14.07.2023
Sample Name Ground Water	Sample Particulars/Details Ground Water (Sample ID: CB18); (Chandrapur Area)		Sample Category Water
Sample Collected By Mr. Akash Kirmake	Sampling Date 16.05.2023 Sampling Time Not Mentioned	Purpose of analysis Drinking	Quantity Received 1 Ltr
Tests Required: Chemical Testing.		Sampling Location Khairgaon	

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Chemical Testing 1. Water					
1	Alkalinity	mg/l	IS 3025 (Part 23) : 1986			
2	Colour	Hazen	IS 3025 (Part 4) : 2021	200	600	81.64
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) : 1988	5	15	1
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : 1991	250	1000	30.62
5	Residual Chlorine	mg/l	IS 3025 (Part 26) : 2021	75	200	20.16
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : 2008	0.2	1	BDL(DL- 0.1)
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : 1994	1.0	1.5	0.12
8	Nitrate (as NO ₃)	mg/l	APHA method 23rd edition: 2017	30	100	9.35
9	Odour	-	IS 3025 (Part 5) : 2018	45	No relaxation	BDL(DL- 2)
10	pH	-	IS 3025 (Part 11) : 2022	Agreeable	Agreeable	Agreeable
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) : 2022	6.5 to 8.5	No relaxation	8.09
12	Total dissolved solids	mg/l	IS 3025 (Part 16) : 2023	200	400	5.87
13	Turbidity	NTU	IS 3025 (Part 10) : 1984	500	2000	206
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) : 2009	1	5	0.2
II	Chemical Testing 2. Residues In Water					
15	Arsenic (as As)	mg/l		200	600	88.8
16	Aluminium (as Al)	mg/l	IS 3025 (Part 37) : 2022			
17	Boron (as B)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.01)
18	Copper (as Cu)	mg/l	IS 3025 (Part 2) : 2019	0.03	0.2	BDL(DL- 0.01)
19	Cadmium (as Cd)	mg/l	IS 3025 (Part 2) : 2019	0.5	2.4	BDL (DL - 0.1)
20	Iron (as Fe)	mg/l	IS 3025 (Part 2) : 2019	0.05	1.5	BDL (DL - 0.03)
21	Lead (as Pb)	mg/l	IS 3025 (Part 2) : 2019	0.003	No relaxation	BDL (DL - 0.001)
22	Manganese (as Mn)	mg/l	IS 3025 (Part 2) : 2019	1.0	No relaxation	0.01
23	Nickel (as Ni)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
24	Selenium (as Se)	mg/l	IS 3025 (Part 2) : 2019	0.1	0.3	BDL (DL - 0.05)
25	Total Chromium (as Cr)	mg/l	IS 3025 (Part 56) : 2003	0.02	No relaxation	BDL (DL - 0.01)
26	Zinc (as Zn)	mg/l	IS 3025 (Part 2) : 2019	0.01	No relaxation	BDL (DL - 0.001)
			IS 3025 (Part 2) : 2019	0.05	No relaxation	BDL (DL - 0.03)
				5	15	BDL (DL - 0.1)

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested sample(s) shall be disposed off after 30 days and 15 days respectively.

● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs shall be limited to the extent of the fee paid for the test.

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #Permissible limit in absence of an alternate source for drinking water. ● 'mg/l' is equivalent to 'ppm'. ● BDL- Below detection limit. ● DL- DL Indicates detection limit of instrument /method and shall be considered as 'absent'.

REMARKS: As requested by the client, sample was tested for above parameters only. The submitted Sample complies with IS:10500:2012, for tests conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

Verified By

Mangesh Fande
Mangesh Fande
Technical Manager

Snehal Raut
Snehal Raut
Deputy Technical Manager

Authorized Signatory

Chirmay Garway
Chirmay Garway
Deputy Quality Manager

-----END OF REPORT-----

Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experienced will be significantly better than the current one, we welcome your feedback on feedback@anacon.in

Anacon Laboratories Pvt. Ltd. Nagpur Lab

9 FP-34, 35, Food Park, Five Star Industrial Estate, MIDC Butibori, Nagpur, Maharashtra, India - 441 122

☎ + 91 8045685558 ✉ Email : info@anacon.in

🌐 <https://www.anaconlaboratories.com>



**Vegetation Cover Mapping of Wardha Valley Coalfield
based on Satellite Data for the Year- 2016**

March-2017



**Remote Sensing Cell
Geomatics Division
CMPDI, Ranchi**

SI No.	Class-Name	Vegetation							Agriculture			Settlement			Waste Land			Mining Area				Water	Total Area	
		Dense Forest	Open Forest	Scrub	Social Forestry	Plantn. on OB	Plantn. on Backfil	Sub Total	Crop	Fallow	Sub Total	Rural	Urban	Sub Total	Waste Land	Sand Body	Sub Total	Coal Quarry	OB	Backfil	Sub Total			
75	NILJAI_DEE			0.036		0.611		0.647								0.498		0.498	0.217	0.070		0.287		1.431
76	BELLORA			0.191		0.062		0.253		0.213	0.213					0.566		0.566	0.063	0.063		0.126		1.158
77	BELLORA_NA			0.006				0.006		0.115	0.115					0.114		0.114	0.506	0.117	0.005	0.627		0.863
78	BELLORA_DE			0.047				0.047	0.019	1.099	1.118					0.721		0.721		0.002		0.002		1.888
79	GHUGUS_NAK			0.351		0.534		0.885	0.002	0.055	0.058		0.001	0.001		0.218	0.401	0.619	0.002	0.026		0.028	0.925	2.517
80	MUGOLI_NIR			0.373		0.071		0.445	0.509	0.270	0.779	0.127		0.127		0.279		0.279				0.008	1.638	
81	PISGAON			0.215				0.215	2.916	0.088	3.004					0.332		0.332						3.551
82	CHINCHALA			0.001				0.001	0.850	0.068	0.918					0.418		0.418						1.336
83	BORDA_EXTN			1.200				1.200	7.877	1.231	9.108					5.532		5.532					1.379	17.220
84	NORTH_OF_G			5.916				5.916	2.035	0.161	2.196					2.396		2.396				0.010	10.518	
85	UB_2			1.801				1.801	1.598	0.123	1.721	0.061		0.061		0.575		0.575						4.158
86	KUMBARKHAN			0.769				0.769	1.848	0.236	2.084	0.381		0.381		2.139	0.061	2.200				0.059	5.492	
87	PARSODA			0.054				0.054	1.603	0.183	1.786					0.450	0.046	0.496				0.184	2.520	
88	PARSODA_DA			0.021				0.021	0.695	0.077	0.771					0.190	0.021	0.211				0.076	1.079	
89	DURGAPUR_O			0.078	0.016	1.500		1.595					0.025	0.025		0.102		0.102		0.497	0.253	0.751		2.473
90	SINHALA_DE		0.026	0.009		0.066		0.101								0.001		0.001	0.164	0.209	0.478	0.850		0.952
91	UB_1	0.590	0.558	0.012		0.256		1.415								0.002		0.002	0.411	0.079	0.298	0.787		2.204
92	DURGAPUR	0.233	0.323	0.767	0.039	0.033		1.394					0.963	0.963		0.108		0.108		0.007	0.024	0.031		2.496
93	CHAND_RAYA	0.008		0.018	1.449			1.475					2.655	2.655										4.130
94	MAHAKALI			0.057	0.044			0.101					1.843	1.843										1.944
95	H_LALPET	0.206		1.358	0.001			1.564	0.094	0.233	0.327		0.259	0.259		0.736		0.736	0.162			0.162		3.048
96	MANDGAON	0.183		0.331				0.513	0.036	0.153	0.189					0.142		0.142						0.844
97	PADAMPUR_D			0.065	0.001	0.062		0.127	0.003	0.021	0.024		0.018	0.018		0.226	0.063	0.289	0.004	1.231		1.235	0.054	1.748
98	PDAMPUR					0.168		0.168	0.005	0.006	0.011					0.003		0.003	0.090	0.569	0.010	0.669		0.852
99	BHATADI								0.009	0.004	0.013					0.028		0.028	0.365	0.032		0.396		0.437
100	LOHARA_EXT	2.556	0.727					3.283																3.283
101	UKNI_DEEP			0.543	0.010	0.114		0.668	0.002	0.267	0.269					0.351		0.351	0.063	0.023		0.086		1.374
102	UKNI_DEEP_					0.026		0.026	0.135	0.110	0.245					0.088		0.088	0.064	0.013		0.077		0.436
103	PIMPALGAON					0.091		0.091	0.120	0.112	0.232					0.105		0.105	0.107	0.010		0.118	0.001	0.547
104	PIMPALGA_1					0.116		0.116	0.023	0.087	0.110					0.017		0.017	0.658	0.044	0.195	0.897		1.139
105	TAKLI_JE_1			0.240				0.240	0.688	0.406	1.094	0.035		0.035		1.525		1.525					0.096	2.990
106	TELWASA_OC					0.132		0.132	0.001	0.012	0.013					0.010	0.053	0.063	0.154	0.081		0.236	0.019	0.463
107	CHINCHPALL	17.750	11.474					29.225	2.507	1.711	4.219	0.052		0.052		0.143	0.041	0.184					0.199	33.879
108	PAWANCHORA	17.173	61.952	2.723				81.847	18.218	27.120	45.338	0.521		0.521		116.105		116.105					1.378	245.189
109	MADHRI__M		0.191	0.838				1.029	6.877	0.939	7.816	0.216		0.216		4.187	0.060	4.247					0.148	13.457
110	GAURI_DE_1	0.001		0.001				0.002	2.402	0.571	2.973	0.043		0.043		2.312		2.312						5.330
111	KOLAR_PL_1					0.065		0.065	0.023	0.017	0.040	0.037		0.037		0.023		0.023	1.022	0.109		1.131		1.296
	TOTAL	96.486	88.346	52.441	14.632	11.908	0.264	264.077	135.553	102.984	238.537	3.598	28.552	32.150	241.997	5.077	247.074	15.626	8.639	4.649	28.913	11.226	821.977	

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax:
24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdair@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R35)

Date: 17/03/2023

No:- Format1.0/APAE Section/UAN
No.0000149308/CR/2303001249

To,
M/s. Western Coalfields Ltd
Mahakali Colliery(Under Ground Mine)
Village- Babupeth,
Tahsil & Dist- Chandrapur-442403



Your Service is Our Duty

Sub: Consent to Operate for mine closure activity

- Ref:**
1. Environmental clearance granted by MoEF & CC , Gol vide No. J-11015/113/2006-IA. II (M) dtd. 02/08/2006.
 2. Existing consent granted vide No. BO/JD(APC)/UAN No.64952/R/CC-1422 dtd. 24/12/2019 valid upto 31/03/2022
 3. Renewal of consent applied vide UAN No. 134166 which was rejected by SRO chandrapur on 13/09/2022.
 4. Application for mine closure activity vide UAN No. 149308

Your application No.MPCB-CONSENT-0000149308 Dated 27.09.2022

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/03/2025**
2. **The capital investment of the project is Rs.9.7283 Crs. (As per C.A Certificate submitted by industry (Existing Consent CI was Rs. 23.55 Crs . Now submitted CA certificate showing CI Rs. 9.72 Cr as mine is not in operation)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Mine Closure Activities	0	--NA--

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	200	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
NA				

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
NA					

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
NA					

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities
10. The applicant shall comply with the conditions of the Environmental Clearance granted by MoEF & CC , GoI vide No. J-11015/113/2006-IA. II (M) dtd. 02/08/2006.
11. PP shall carry out over burden dump management as per CPCB guidelines.
12. PP shall carry out plantation as per EC condition before ensuing monsoon.
13. PP shall comply conditions of CGWA NOC granted by concern authority vide No. CGWA/NOC/MIN/ORIG/2022/14561 dtd. 15/02/2022 valid upto 14/02/2024.
14. Industry shall close mine as per conditions in mining closure Plan approved by concern authority.
15. Industry shall extend existing Bank Guarantee of Rs. 10 Lakhs towards O&M of pollution control systems and towards compliance of the Consent conditions. (Check / uncheck box to be given for this condition)
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-11277	05/04/2022	NEFT

Copy to:

1. Regional Officer, MPCB, Chandrapur and Sub-Regional Officer, MPCB, Chandrapur
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
B] Treatment - NA
C] Disposal - NA
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 200 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	BOD (3 days 27°C)	Not to exceed	30
2	COD	Not to exceed	100
3	SS	Not to exceed	50

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	115.00
2.	Domestic purpose	250.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	20

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
NA	NA		0.00	-	-	NA	-

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Control Equipments
- Coal handling plant provided with dust collector & automatic water sprinkler shall be operated
 - Scientific spraying of water on all working area, dump area, stock piles with the help of appropriate dust suppression system.
 - Minerals shall be properly covered during transportation.
 - The applicant shall carry out tree plantation along road side, around dumps or compulsory afforestation as per proposal approved by Forest Department. The tree plantation programme shall be taken up well in advance of the actual mining activity, so that green belt of sufficient width & height is developed between mining area/road and surrounding environment.
 - Black topped metal roads provided shall be well maintained to prevent dust formation.
 - Overloading of dumpers shall be avoided to prevent spillages.
 - Correct type & quantity of explosive shall be used to avoid excess dust formation & vibration in the surrounding area.
 - The slope of the over burden shall have slope not more than 28° to the horizontal. The overburden shall be properly covered by vegetation for stabilization.
 - Minerals transportation shall be done by installing conveyors wherever possible & mechanically covered closed trucks shall be used for transportation.
6. Standards for Ambient Air Pollutants:

The Suspended Particulate Matter (SPM), Respirable Particulate Matter (RPM), Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) concentration in downwind direction considering predominant wind direction, at a distance of 500 metres from the following dust generating sources shall not exceed the standards specified in the table given below:

Dust Generating Sources:

Loading or unloading, Haul Road, coal transportation road, Coal handling plant (CHP), Railway Sliding, Blasting, Drilling, Overburden dumps, or any other dust generating external sources like coke ovens (hard as well as soft), briquette industry, nearby road etc.

Pollutant	Time weighted average	Concentration in Ambient Air
Suspended Particulates Matter (SPM)	Annual Average	360 µg/m ³
	24 hours	500 µg/m ³
Respirable Particulate Matter (size less than 10 µm) (RPM)	Annual Average	180 µg/m ³
	24 hours	250 µg/m ³
Sulphur Dioxide (SO ₂)	Annual Average	80 µg/m ³
	24 hours	120 µg/m ³
Oxides of Nitrogen as NO _x	Annual Average	80 µg/m ³
	24 hours	120 µg/m ³

- i. In case of any residential or commercial or industrial place falls within 500 metres of any dust generating sources, the National Ambient Air Quality Standards notified vide MOEFCC GOI notification dtd 16.11.2009 as ammended shall be made applicable.
- ii. The applicant shall provide minimum three ambient air quality monitoring stations within mining area which should be monitored for SPM, RSPM, SO₂, NO_x, HC, CO etc. The Annual Arithmetic Mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval shall conform to the National Ambient Air Quality Standards prescribed under Air (Prevention and Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986. The records of results of monitoring done shall be made available for inspection to the officers of the Board.

7. The applicant shall take adequate measures for control of noise levels from its own sources as follows:

Sr. No	Location	Permissible Norms [in dB (A)]	Desired minimum thickness of green belt (m)
1.	Along Road side	65 (Commercial Area)	20
2.	In colonies	55 (Residential Area)	20
3.	Near Opencast Mines	75 (Industrial Area)	10
4.	Near CHPs	75	30
5.	Near Shaft	75	20
6.	Near Mine exhaust fan	75	> 50

8. Other conditions:

- i Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess standards laid down, such information shall be forthwith reported to Board, concerned Police station, office of Directorate of Health services, Dept. of explosives, Inspectorate of Factories & Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs. 10 Lakhs	15 days	Operation and Maintenance of pollution control system so as to maintain consented standards prescribed as per Air(Prevention & Control of pollution) Act, 1974 Water (Prevention & Control of Pollution) Act, 1981 & HW (MH & TM) Rules 2008 and also adhering to compliance of specific / general condition of Environment Clearance.	Regular Activity	31/7/2025

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2. If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
3. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
4. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
5. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
6. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
7. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
8. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
9. The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
10. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
11. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
12. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
13. The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.

14. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
15. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
16. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
17. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
18. The industry should not cause any nuisance in surrounding area.
19. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
20. The applicant shall maintain good housekeeping.
21. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end
22. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
23. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.

24. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises
25. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
26. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

This certificate is digitally & electronically signed.



वेस्टर्न कोयला
WESTERN COAL FIELDS LIMITED
(A Govt. of India Enterprise)

VI

वेस्टर्न कोयला लिमिटेड, चन्द्रपुर क्षेत्र, चन्द्रपुर
REGD. OFFICE: CHANDRAPUR, DIST. CHANDRAPUR, M.P.

1414/1526

दिनांक 20/08/2006
21

मान
मुख्य अधिकारी,
नागर पंचायत, चन्द्रपुर

विषय : विस्तारित महाकाली भूमिगत खदान को
लाख टन प्रति वर्ष कोयला उत्पादन हेतु पर्यावरण स्वीकृति/मंजूरी ।
संदर्भ : पत्र क्र.जे- 11015/113/2005- I ए. II (एम) दि. 2.8.2006.

प्रहोदय,

उपरोक्त विषय एवं संदर्भानुसार वेस्टर्न कोलफील्ड्स लिमिटेड, चन्द्रपुर क्षेत्र की विस्तारित महाकाली भूमिगत खदान पर्यावरण एवं वन मंत्रालय द्वारा 0.40 मीलीयन टन प्रति वर्ष कोयला उत्पादन हेतु स्वीकृति / मंजूरी प्राप्त हुई है । केन्द्रीय पर्यावरण एवं वन मंत्रालय- नई दिल्ली का पत्र क्रमांक- जे- 11015/113/2005- I ए. II (एम) दिनांक 2.8.2006 की प्रति आपकी जानकारी के लिए भेज रहे हैं ।

धन्यवाद !

भवदीय

सचिव

20.8.06

क्षेत्रीय केन्द्रस्थ अधिकारी (पर्यावरण)

चन्द्रपुर क्षेत्र

प्रतिलिपि :

1. मुख्य महाप्रबन्धक, चन्द्रपुर क्षेत्र
2. विभागाध्यक्ष (पर्यावरण), वेकोलि, मुख्यालय नागपुर
3. उपक्षेत्रीय प्रबन्धक, रघतवारी उपक्षेत्र

4. ओसी No MF

(सेफ्टी-1, पेज नं.45)

वेस्टर्न कोलफील्ड्स लिमिटेड
मुख्य महाप्रबंधक कार्यालय, चन्द्रपुर क्षेत्र
पोस्ट व जिला : चन्द्रपुर (महाराष्ट्र)

संख्या : वेकोलि/चक्षो/मुमहाप्र/पर्या. 143/1523

दिनांक : 20.08.2006

प्रति,
उप प्रादेशिक अधिकारी
महाराष्ट्र प्रदूषण नियंत्रण मंडल
ब्लॉक नं. 13 व 14, प्रशासकीय भवन
चन्द्रपुर ।

विषय : विस्तारित महाकाली कॉलरी भूमिगत खदान को केन्द्रीय पर्यावरण एवं वन मंत्रालय
से 0.40 लाख टन प्रति वर्ष कोयला उत्पादन हेतु पर्यावरण स्वीकृति/मंजूरी ।
संदर्भ : पत्र क्र-जे-11015/113/2005-आय.ए. II(एम) दिनांक 2.8.2006 ।

महोदय,

उपरोक्त विषय एवं संदर्भ अनुसार वेस्टर्न कोलफील्ड्स लिमिटेड चन्द्रपुर के विस्तारित महाकाली कॉलरी भूमिगत खदान को केन्द्रीय पर्यावरण एवं वन मंत्रालय द्वारा 0.40 लाख टन प्रति वर्ष कोयला उत्पादन हेतु पर्यावरण स्वीकृति/मंजूरी प्राप्त हुई है ।

केन्द्रीय पर्यावरण एवं वन मंत्रालय नई दिल्ली के पत्र क्र-जे-11015/113/2005-आय.ए. II(एम) दिनांक 2.8.2006 की प्रति आपकी जानकारी के लिए भेज रहे है ।

संतनन : यथोपरि

भवदीय

एच.बी.शिन्दे

10.8.06

क्षेत्रीय केन्द्रस्थ अधिकारी (पर्यावरण)
चन्द्रपुर क्षेत्र

प्रतिलिपि :

1. जिला अधिकारी, चन्द्रपुर
2. जिला खनन अधिकारी, चन्द्रपुर
3. मुख्य महाप्रबंधक, चन्द्रपुर क्षेत्र
4. विभागाध्यक्ष (पर्यावरण) वेकोलि मुख्यालय, नागपुर
5. उप क्षेत्रीय प्रबंधक, रेततवारी उपक्षेत्र
6. उप अधीक्षक (सर्वे), चन्द्रपुर क्षेत्र
7. ओसी
8. एम.एफ

111

प्राप्ति- 1 सेप्टे 2006

एमआईडीसी मार्ग पर अंधेरा व्याप्त होने से खतरा

चंद्रपुर (का.प्र.)

चंद्रपुर से एमआयडीसी की ओर जानेवाले ४ कि.मी. के रास्ते पर अंधेरा होने से दुर्घटना होने की संभावना व्यक्त की जा रही है। ज्ञातव्य हो कि एम.आय.डी.सी. में अनेक उद्योग स्थापित होने से अनेक वाहनों का आवागमन जहाँ इस मार्ग से होता है वहाँ पर अनेक मजदूर यहाँ से एमआयडीसी में रोजी-रोटी के तलाश में जाते हैं। मगर रात-वे-रात आने वक्त अंधेरा होने में उन्हें दुर्घटना होने की संभावना बलकति हो गई है।

ज्ञातव्य हो कि एम.आय.डी.सी. में एच.पी. तथा बंकरा जैसी कंपनियाँ

स्थापित हैं। इनके वाहनों का आवागमन दिन रात शुरू रहता है। ऐसा होने पर भी इस मार्ग पर स्ट्रीट लाइट लगाने में क्यों ढिलाई बरती जा रही है। यह मात्र खोज का विषय बनता जा रहा है। उल्लेखनीय है कि इसी मार्ग पर बसे दाताला में म्हाडा कालोनी है। जहाँ पर रात-वे-रात नौकरीपेशा वर्ग को आवागमन करना पड़ता है। रात में यहाँ से गुजरते समय जब सामने से कोई बड़ा वाहन आता है जो उसकी तेज गति से आंखें चौंधिया जाती हैं जिससे सड़क किनारे ढलान में गिरने का खतरा उत्पन्न हो जाता है। ऐसी कई दुर्घटनाएँ इसी मार्ग पर हो चुकी हैं। (दि)



वेस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया लिमिटेड की सहायक कंपनी)

विस्तारित महाकाली भूमिगत कोयला खदान
(एक्सपान्शन ऑफ महाकाली अंडरग्राउंड कोल माइन)

वेस्टर्न कोलफील्ड्स लिमिटेड, चंद्रपुर क्षेत्र के एक्सपान्शन ऑफ महाकाली अंडरग्राउंड कोल माइन को प्रति वर्ष ०.१६८ से ०.४० मिलीयन टन कोयला उत्पादन करने के लिए पर्यावरण एवं वन मंत्रालय की ओर से पर्यावरण क्लियरन्स पत्र प्राप्त हुआ है। क्लियरन्स पत्र की प्रति सर्व सामान्य जनता की जानकारी हेतु राज्य प्रदुषण नियंत्रण मंडल के कार्यालय में उपलब्ध है। उपरोक्त प्रति पर्यावरण एवं वन मंत्रालय के वेबसाईट <http://envfor.nic.in> पर भी देखी जा सकती है।

चंद्रपुर (का.प्र.)

वार्ड क्र. ३ में ग्रा. पं. द्वारा किसी भी तरह के विकास कार्य नहीं करने के कारण लोगों को कई समस्याओं में जूझना पड़ रहा है। यहां व्यापक गंदगी ने लोगों का जीवन दुवार कर दिया है। गंदगी ता कचरे के कारण लोग कई तरह की बीमारियों के चपेट में आ रहे हैं। परिमर्ग में पक्के रास्ते, नालियों की मरिधा नहीं होने से चारों ओर गंदगी फैली हुई। (शु)

आज का सशिफल

मेघ:- परिस्थितियाँ इतवार के दिन काफी बदल जाती हैं।

वृष:- छुट्टी का दिन आपकी संकुचित कर देता है।

मिथुन:- आपकी आजीविका स्थिर नहीं होगी।

कर्क:- आज कारोबार में अच्छा लाभ हो सकता है।

सिंह:- आपके इन क्रिया-कलापों से समय कट जायेगा।

कन्या:- जल्दी ही आपको अपनी उन्नति का समाचार मिलेगा।

तुला:- व्यवसाय में यही छवि काम आयेगी।

वृश्चिक:- आज आपको कुछ शुभ समाचार मिलेंगे।

धनु:- आपको नियमित होकर काम करना होगा।

मकर:- अब आपके लिए परिस्थितियों कुछ नया मोड़ है।

कुंभ:- बदलाव से कष्ट भी हो सकते हैं।

मीन:- बाजार या शॉपिंग के बहाने मन को बहलाया जाये।

छात्रों को गणवेश वितरित

चंद्रपुर (का.प्र.)

स्वतंत्रता दिन के अवसर पर चंद्रपुर रेलवे स्टेशन समीप सावित्रीबाई फुले द्वारा संचालित पाठशाला में जहाँ ऐसे बच्चे जो दिन में घरों में एवं बाहर कार्य कर अपना गुजारा करते हैं और शाम को अपना समय निकाल अध्ययन करते हैं, ऐसे बच्चों को प्रोत्साहित करने के उद्देश्य से पाठशाला के ८७ छात्रों को गणवेश एवं मिठाई का वितरण चेकोलि के मुख्य महाप्रबंधक श्री. शर्मा के हाथों किया गया।

शाला को ठोकने की चे

गड़चिरोली (सं.)

समीपस्थ जेप्रा स्थित जि.प. शाला में ८ शिक्षकों के पद मंजूर होकर यहां केवल ६ शिक्षक कार्यरत हैं।

शिक्षकों के रिक्त पद जल्द भरने की मांग के लिये ग्राम शिक्षा समिति की ओर से कई बार संबंधित अधिकारियों को निवेदन संपि गए लेकिन इस मंथन में कोई कार्रवाई नहीं हुई। इससे क्षुब्ध ग्राम शिक्षा समिति के पदाधिकारियों ने २२ अगस्त को शाला को ताला ठोकने की चेतावनी दी है। समिति ने कहा

ग
पु
चं
लो
शतको
में लो
देशमु
लो कम
आधा
पुरस्कार
वितरित
करने व
मंडल,
आदि व
सार्वज
गणेशमं

कि जि
तक क
शिक्षा
प्रधाना
पद मंज
कार्यरत
रिक्त हैं
पदवीध
स्थानीय
कार्याल
कारण
पदवीध
की गई

नियुक्तीचा- दि. ०५.०९.२००८ रोजी ३३ वर्ष

२५५०-३२००

१.६.४ धी उत्तीर्ण

नियुक्तीची काळ्यापत्रा- शासनाकडून निव्वळकर कर्षणाच्या आकृतीबंध मंडळ होण्याकरिता लागणारा काळावधी किंवा सेवेत होऊ शकण्याच्या तारखेपासून अकरा महिन्यांचा काळावधी या पैकी जो काळावधी कमी असेल तेव्हा काळावधी करिताच निव्वळ झालेल्या उमेदवाराची नियुक्ती काळ्यात येईल.

१) सादर करावयाच्या अर्जात उमेदवाराचे नाव, जन्म तारीख, दि. ०५.०९.२००८ रोजी अर्जासाठीचे तय, प्रवर्ग, स्थायी पत्ता, पद व्यवहाराकरिता पत्ता, शैक्षणिक पात्रता, टंकलेखन परीक्षा (जी.सी.सी. परीक्षा), एम.एम.सी.आय.टी. संगणक परीक्षा, अनुभव, बी.टी.कमर्स, अर्जासाठीची मही, दिनांक या बाबींचा उल्लेख करावा.

२) प्राचार्य, आनंद निकेतन कृषि महाविद्यालय, आनंदवन, वरोरा यांचे नावे रु १०० (एकशे रुपये) या द्वीपांड इन्फंट अर्जासोबत जोडावा.

३) पासपोर्ट आकाराचा फोटो अर्जासोबत जोडावा

४) संपूर्ण माहिती असलेला अर्ज प्राचार्य, आनंद निकेतन कृषि महाविद्यालय, आनंदवन, वरोरा-४४२११४, जिल्हा-चंद्रपूर(प.रा.) या पत्त्यावर पाठवावा.

५. दि.०५.०९.२००८ नंतर प्राप्त होणाऱ्या अर्जांचा विचार केला जाणार नाही.

या.कौमुभ आपटे

सहायक सचिव, महाराष्ट्र सेवा समिती, वरोरा

प्राचार्य

(बी.एम.नाथ,पालापजार)

आनंद निकेतन कृषि महाविद्यालय, वरोरा



वेस्टर्न कोलफील्ड्स लिमिटेड

(कोल इंडिया लिमिटेडची सहायक कंपनी)

विस्तारीत महाकाली भूमिगत कोळसा खान

(एक्सपान्शन ऑफ महाकाली अंडरग्राऊंड कोल माइन)

वेस्टर्न कोलफील्ड्स लिमिटेड, चंद्रपूर क्षेत्रातील एक्सपान्शन ऑफ महाकाली अंडरग्राऊंड कोल माइन ला प्रति वर्ष 0.168 ते 0.40 मिलीयन टन कोळसा उत्पादन करण्याकरिता पर्यावरण व वन मंत्रालयाकडून पर्यावरण क्लियरन्स पत्र प्राप्त झालेले आहे. क्लियरन्स पत्राची प्रत सर्व सामान्य जनतेच्या माहिती करिता राज्य प्रदुषण नियंत्रण मंडल यांचे कार्यालयात उपलब्ध आहे. हिच प्रत पर्यावरण व वन मंत्रालयाच्या वेबसाईट <http://envfor.nic.in> वर सुद्धा पाहावयास मिळेल

अधिक तपास पोलिस करीत आहेत.

मुले पाहिजेत

दैनिक चंद्रपूर समाचार मध्ये कार्यालयीन कामकाज करण्याकरिता मुले पाहिजे. गरजूंनी खालील पत्त्यावर संपर्क साधावा.

दै. चंद्रपूर समाचार भवन, जटपूरा वाड नं.२, चंद्रपूर

सर्प मित्र यांचा संपर्क पत्ता

आपल्या परिसरात कोणत्याही प्रकारचा सर्प आढळल्यास सर्प मित्र श्री महेंद्र राळे मो.नं.९८९०२५५६३०, श्री प्रविण राळे मो.नं.९८५००००४८८, श्री स्वप्नील दुधलवार मो.नं.९३७२४८३९६४ यांच्याशी संपर्क साधावा.

दै. चंद्रपूर समाचार वृत्तपत्र मेसर्स गुणवंती ऑफसेट प्रिंटर्स चंद्रपूर येथे फोटोसेट पद्धतीने मुद्रित करून दै. चंद्रपूर समाचार भवन जटपूरा वाड क्र. २ चंद्रपूर येथे प्रकाशित केले जायपुणे, धारवणी क्र. २५३२५०, २५३२५१. टासव. छि. छठ-लहर २४, Licence to post/without Prepayment. RNI No. - २७८४९/७५ नागपूर-अमरावती



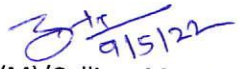
**WESTERN COALFIELDS LIMITED
OFFICE OF THE COLLIERY MANAGER
MAHAKALI COLLIERY : CHANDRAPUR AREA**

Ref. No. WCL/CHA/MKC/CM 361

Date 9/5/22

COAL PRODUCTION DETAILS FROM YEAR 2016-17 TO 2021-22

Year	Production (Te.)
2016-17	58,200.00
2017-18	98,907.00
2018-19	1,18,000.00
2019-20	83,000.00
2020-21	80,572.61
2021-22	28,712.38 (Production discontinue since 30.09.2021)


 Chief Manager (M)/Colliery Manager
 Mahakali Colliery



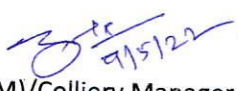
WESTERN COALFIELDS LIMITED
OFFICE OF THE COLLIERY MANAGER
MAHAKALI COLLIERY - CHANDRAPUR AREA

Ref. No. WCL/CHAMKOCM 362

Date 9/5/22

WHOMSOEVER IT MAY CONCERN

This is to certify that there is no Court cases are pending in respect to Mahakali Colliery UG Mine Chandrapur Area.


Chief Manager (M)/Colliery Manager
Mahakali Colliery

CORPORATE SOCIAL RESPONSIBILITY ACTIVITIES
OF CHANDRAPUR AREA, W.C.L.
(from 2012-13 to 2016-17)

ACTIVITY OF THE YEAR- 2012-13				
Sl. No.	VILLAGE NAME	CSR ACTIVITIES WORK	YEAR	TOTAL EXPENDITURE (Rs. In lakhs)
EDUCATION AND HEALTH				
1	Kitadi	Providing one set Sound System , 5 Dari , 2 Book Shelf, 3 Ceiling Fans & Musical Instrument for Upper Primary School Kitadi village	2012-13	0.16
2	Kawthi	Providing 50 Desks , Benches, Almari Toys, Swing etc. for Z.P School Kawthi.	2012-13	1.17
3	Bhatadi	Providing Educational Notebook School Uniform, Cycle for girls Students under BPL at Bhatadi Village.	2012-13	0.12
4	Payali	Providing educational and Musical Instrument material at Payali Village	2012-13	0.12
5	Nandgaon Poda	Providing Books Rs. 10,000/- and Furniture Rs. 25,000/- for Students of Z.P upper Primary School, Nandgaon Poda.	2012-13	0.39
6	Sinhana	Providing uniform and Sports material to Anganwadi at Sinhala village.DOC SA	2012-13	0.16
7	Bhatadi	Providing 2 Computer with printer, Chair, sound system & Electric Bell for Z.P. School Bhatadi	2012-13	1.13
8	Chandrapur Area	Providing educational books for Non-English Medium School Children for exposure to English language from Jaiditya Publication New Delhi (Rs. 20.000/- Per Month for 100 Books)	2012-13	0.48
9	Chandrapur	Providing Water Cooler to Govt. ITI, Chandrapur	2012-13	0.88
10	Bhadadi	Construction of Toilet and Bathroom at Z.P Upper primary School Bhatadi	2012-13	2.63
11	Nandgaon Poda	Construction of Wall Compound Wall at Late Gopalrao Wankhed Vidyalaya, Nandgaon Poda village.	2012-13	3.95
12	Chandrapur Area	Conducting Health Camps in Arwat, Visapur payli & Kitadi (Population 10,000 each Village) -- Aids Awareness Camp in Lalpeth, Durgapur (1000each) --- Eye Camps " Jyoti Vision" at Lalpeth --- Dental Check-up Camp in village School (10 Different Schools)	2012-13	0.41
INFRASTRUCTURE				
13	Trivenja	Construction of 100 Mtrs.C.C. Road at Check Trivenja Village	2012-13	3.44
14	Mokasa	Construction of 200 Mtrs. Drain at Trivanja Mokasa Village	2012-13	9.11
15	Hadasti	Construction of 300 Mtrs. C.C Road (Rs.10.00 Lakhs) with 300 Mtr. Drain (Rs.4.00 Lakhs)at Hadasti Village.	2012-13	10.85

16	Bhatadi	Constraction Cement Concrete of Drain at Bhatadi.	2012-13	8.26
17	Binba gate	Protective work at Shantidham Near Binba Gate, Chandrapur (In Place of making stair case)	2012-13	8.77
18	Patanpura gate	Protective work like retaining wall, Stone Pitching etc. at Mokshadham at patanpura Gate.	2012-13	9.36
19	Dhidsi	Construction of WBM Road towards Cremation Ground at Dhidsi Village	2012-13	9.52
20	Tirwanja	Black Topping of Village approach Road at Tirwanja (650 Mtr)	2012-13	20.02
21	Nandgaon Poda	Construction of 200 Mtrs Road at Nandgaon Poda.	2012-13	7.29
22	Tirwanja	Construction of 200 Mtrs. C.C Road and 200 Mtrs. Drain at Tirwanja Mokasa(Rs. 7 Lakhs for roads & 3.00 lakhs for Drain)	2012-13	11.03
23	Nandgaon	Construction of 100 Mtrs.C.C Drain at Nandgaon Village.	2012-13	10.86
24	Tirwanja	Construction of 200 Mtrs.C.C Drain at check Tirwanja	2012-13	2.55
25	Tukum	Construction of 2 Km WBM approach Road from Masala Tukum to Padmapur	2012-13	14.06
26	Tukum	Construction of 300 Mtrs. C.C. Road at Tukum Ward.	2012-13	8.24
27	Babupeth	Construction of 300 Mtrs. C.C. Road at Ambedkar Nagar, Babupeth Ward from Mata Chowk to Tukaram Chowk, from Sri Akkewar House to Rajeswar Kumare House, from Sri Gunwant Bankar House to Sri Dilip Mankar house, under HLUG	2012-13	8.32
28	Agarzari	Construction of Bus Shed at Agarzari Village	2012-13	1.39
29	Padmapur	Black Topping of Road from Check post to turning of Sector-IV via PWD Bridge under Padmapur OC Sub Area.	2012-13	22.68
	CULTURAL AND SOCIAL			
30	Nandgaon	Construction of Cultural Hall at Nandgaon poda. (6 x 6 Mtr.)	2012-13	5.52
31	Padmapur	Construction of Common Community Shed near Hanuman Mandir, Padmapur.	2012-13	3.88
32	Tirwanja	Construction of Mokshdham at Tirwanja Mokasa Village.	2012-13	2.87
33	Durgapur	Construction of Compound Wall for Burial Ground , Durgapur (150 Mtr)	2012-13	4.41
34	Mata Nagar	Construction of Community Hall near Gomukh Hanuman mandir at Mata Nagar Ward, Chandrapur (9 Mtr. X 6 Mtr)	2012-13	12.62
35	MKC	Development work like Stage, Pathway and work Place at Cremation shed at MKC	2012-13	2.53
36	Tirwanja	Providing 5 table, 2 almirah , 5 Fibre Chairs, 3 Dari to Gram Panchayat office, Tirwanja Mokasa.	2012-13	0.40
37	Babupeth	Providing Fibre Chair, table to Phule Shash Ambedkar vichar Pravartak Vachnalaya, Babupeth	2012-13	0.09
38	Bhiwapur Basti	Providing 3 Nos. Sewing Machine, 2 No. Almirah, 25 No.Fibre Chair, 2 No. Table , 2 No. Dari to mahakranti Bahuuddeshiya Mahila Mandi bhiwapur Basti under HLUG SA	2012-13	0.65

39	Chandrapur	Conducting 2 Nos. Village Sports with Uniforms to Players at Sinhala & Nandgaon Villages. (Joint tournament consisting of all Players from adjoining Villages)	2012-13	3.20
40	Vichoda Bhuj	Construction of 2 Nos. Dhobi Ghat at Vichoda bhuj and Vichoda Ray	2012-13	2.93
41	Balaji Ward	Providing LPG Connection to 1547 BPL families residing in Buffer Zone of Tadoba Anchri Tiger Reserve	2012-13	26.43
	DRINKING WATER SUPPLY/ENVIRONMENT			
42	Padmapur	Construction of Bandhara (Talav Making) for Drinking Water Arraangement for animals	2012-13	6.76
43	Mahakali ward	Digging Borewell at Mahakali Ward No. 33.2 Hand pumps 1 at Primary School , 1 at Mahakali Canteen Chowk.	2012-13	1.43
44	Saibaba Mandir	Providing 2 No. Hand Pumps near Saibaba Mandir Junona and Shedmake House Babupeth	2012-13	1.21
45	Chandrapur	Plantation with Barbed wire fencing in open spaces in Chandrapur	2012-13	25.15
		TOTAL		277.43
ACTIVITY OF THE YEAR- 2013-14				
SL. NO.	VILLALGE NAME	NAME OF THE WORK	YEAR	TOTAL EXP. (Rs. In lakhs)
	INFRASTRUCTURE			
1	Bichoda Ray	Constn.of 400 metres cement concrete road at vichoda Ray	2013-14	13.850
2	Nandgaon	Constn.of one side drain from Nandgaon pade towards Chandrapur [length-400 metres]	2013-14	1.690
3	Charwat	Constn.of road for rehabilitation of flood affected Charwat village [Letter recd.from Hansraj Ahir]	2013-14	15.390
	EDUCATION AND HEALTH			
4	Nandgaon, Mana, Visapur, Arwat, Charwat, Junona.	Providing 50 cycles to school going girls from distant villages – Nandgaon, Mana, Visapur, Arwat, Charwat, Junona.	2013-14	1.850
5	Nandgaon, Mana, Visapur, Arwat, Charwat, Junona.	Providing 50 cycles to school going girls from distant villages – Bhatadi, Kitadi, Payli, Trivanja, Chek Trivanja, Vichoda, Badholi, Kadholi, Padoli, Sinhala	2013-14	1.870
6	Chichpalli, Lohara, Borda, Mamla, Ghanta Chowki.	Providing 50 cycles to school going girls from distant villages – Chichpalli, Lohara, Borda, Mamla, Ghanta Chowki.	2013-14	1.850
7	Chandrapur.	Providing Computer, 100 nos. chairs, 2 nos. Table, 2 Nos. wheel chairs for Physically and Mentally challenged people/ children of Jeevan Sangarsh Sanstha, chandrapur.	2013-14	1.030
8	Bichoda Bu, Tadali.	Providing one book shelf, one steel Almirah, 20 chairs, 2 tables, 1 Dari for Z.P. Primary School, Bichoda Bu, Tadali.	2013-14	0.250

9	Indira Nagar	Providing school uniforms to students during Independence Day at Indira Nagar	2013-14	0.490
10	Wadoli	Providing 2 Almirahs, 12 fibre chairs 2 tables, 2 Dari, sound system, 2 ceiling fans, books & 12 sports dress for Z.P.School Wadoli	2013-14	0.843
11	Babupeth	Providing bookshelf, chair, reading table to Phule Sahu Ambedkar Vihar Pravartak Vachnalaya, Babupeth [Letter received from President]	2013-14	0.280
12	Chandrapur	Conducting 4 Nos. Coaching Camps at 4 different rural villages	2013-14	0.800
13	Chandrapur	Conducting 2 Nos. village sports with uniforms to players at 2 different rural villages.	2013-14	2.530
14	Chandrapur	Conducting Medical Health Camps in different rural villages.	2013-14	1.770
15	Chandrapur	Dental Check-up Camps in village school [10 different villages]	2013-14	0.100
16	Chandrapur	Mobile Van facilities	2013-14	1.000
WATER SUPPLY, SANITATION AND PLANTATION				
17	Forest	Plantation on 100 Ha. Degraded forest land	2013-14	180.000
18	Anchaleshwar Ward	Digging Bore Well at Ravidas Chowk Anchaleshwar Ward Chandrapur	2013-14	0.640
19	Bagad Khidki	Digging Bore Well at Bagad Kidki Near House of Hera lal Thakur	2013-14	0.640
20	Bhiwar	Digging Bore Well at Bhiwar Prantik Collony Near Wagmare House	2013-14	0.664
21	Rajiv Gandhi Nagar	Digging Bore Well at Rajiv Gandhi Nagar Near Gukul Shau House	2013-14	0.664
22	Nurani Masjid	Digging Bore Well at Nurani Masjid Near Ibrahim House	2013-14	0.664
23	Lalpet Nurani Basti	Digging Bore Well at Lalpet Purana Basti Near Dlip M. House	2013-14	0.664
24	Lalpet Nurani Basti	Digging Bore Well at Lalpet New Basti Near Satpute House	2013-14	0.664
25	Bagad Khidki	Constn.of 2 class rooms with Toilet for Priyadarshini Kanya Vidyalaya, Bagad Khidki, Chandrapur.	2013-14	5.780
		TOTAL		229.053
ACTIVITY OF THE YEAR- 2014-15				
Sr. No.	AREA	ACTIVITIES	Year	Expenditure (Rs. In lakhs)
ENVIRONMENT				
1	Chandrapur	Implementation of Rainwater Harvesting schemes at Chandrapur (SD)	2014-15	5.20
2	Chandrapur	Afforestation on 50 HA. degraded forest land	2014-15	91.58
HEALTH AND SOCIAL EMPOWERMENT				
3	Chandrapur	Conducting Medical Health Camps in different rural villages.	2014-15	0.32

4	Chandrapur	Self employment training to 50 rural youths of villages around Chandrapur Area as per CIL CSR policy(MOU)	2014-15	1.00
5	Chandrapur	Providing LPG connections to poor families of Chandrapur	2014-15	38.39
6	Chandrapur	Development of Disaster Relief Fund Management Software for Collector office, Chandrapur(SD)	2014-15	26.96
	TOTAL			163.45
ACTIVITY OF THE YEAR- 2014-15				
SL. NO.	Area	NAME OF CSR ACTIVITY	Year	Expenditure (Rs. In lakhs)
	SOCIAL EMPOWERMENT			
1	Chandrapur	Skill development training under MoU to 100 Rural Youths	2015-16	1.99
2	Chandrapur	Skill Development Training undertaken by CIPET for Rural Youth under CSR Activities.	2015-16	37.20
3	Chandrapur	Distribution of Bicycle to 553 Rural School going girls of Chandrapur	2015-16	27.65
	ENVIRONMENT AND ECOLOGY			
4	Chandrapur	Financial Assistance for construction of Bharat Ratna Dr. A. P. J Abdul Kalam Nisarg Udyan at Chandrapur	2015-16	302.07
		TOTAL		368.91
ACTIVITY OF THE YEAR- 2016-17				
SL. NO.	Area	NAME OF THE ACTIVITY	Year	Expenditure (Rs. In lakhs)
	WOMEN EMPOWERMENT			
1	Chandrapur Area	Distribution of Bicycle to 553 Rural School Going Girls.	2016-17	27.65
	ENVIRONMENT AND ECOLOGY			
2	Chandrapur Area	Plantation on 50 Ha. Degraded Forest land by FDCM at Babupeth Compartment No. 484	2016-17	25.63
3	Chandrapur Area	Plantation on 100 Ha. Degraded Forest Land by FDCM at Babupeth & Morwa Compartment No. 485/486	2016-17	6.92
		TOTAL		60.20
		TOTAL FOR CSR WORKS OF LAST FIVE YEARS 2012-13, 2013-14, 2014-15, 2015-16, 2016-17		1099.043 Lakhs

ACTIVITY OF THE YEAR- 2017-18				
SL. NO.	Area	NAME OF THE ACTIVITY	Year	Expenditure (Rs. In lakhs)
1	Chandrapur Area	Purchasing Of Plant Saplings for distribtution to different units Under Special Swachata Pakhwada	2017-18	0.12
2	Chandrapur Area	Purchase Of Dustbins On Occasion Of Extended Swachata Pakhawada for distribution to villages.	2017-18	0.50
3	Chandrapur Area	Purchase Of Plants for distribution to different units	2017-18	0.38
4	Chandrapur Area	Construction Of Class Room At Bagini Niveditha Vidya Mandir	2017-18	4.06
5	Chandrapur Area	Providing Of Led Screen	2017-18	4.20
6	Chandrapur Area	Providing Of Led Screen	2017-18	4.20
7	Chandrapur Area	Providing Of Led Screen	2017-18	4.20
8	Chandrapur Area	Providing Of Led Screen	2017-18	4.20
9	Chandrapur Area	Providing Of Led Screen	2017-18	4.20
10	Chandrapur Area	Cleaning Works To Be Carried Out At Bhatadi And Tirwanja Village Under Swacchata Action Plan Of Bocm.	2017-18	1.35
11	Chandrapur Area	Development Of Disaster Relief Fund Management Software For Collector Office, Chandrapur(Sustainable Development Activity)	2017-18	3.12
		TOTAL		0

ACTIVITY OF THE YEAR- 2018-19				
SL. NO.	Area	NAME OF THE ACTIVITY	Year	Expenditure (Rs. In lakhs)
1	Chandrapur Area	CLEANING WORKS TO BE CARRIED OUT AT BHATADI AND TIRWANJA VILLAGE UNDER SWACCHATA ACTION PLAN OF BOCM(2017-18 ACTIVITY)	2018-19	0.79
2	Chandrapur Area	PROVIDING DUSTBIN TO NEARBY SCHOOL	2018-19	0.33

SL.N O.	Area	NAME OF THE ACTIVITY	Year	Expenditure (Rs. In lakhs)
3	Chandrapur Area	BEAUTIFICATION AND DEVELOPMENT OF GARDEN AT TALAV OF TIRWANJA VILLAGE AT BOCM UNDER RSA	2018-19	0.17
4	Chandrapur Area	PUBLICITY AND PROPOGANDA THROUGH BANNERS IN ALL CONSPICUOUS PLACES LIKE OFFICEES,WORKSHOP TIME OFFICE COLONIES ETC INCLUDING AREA WORKSHOP. FOR ORGANISING SWACHTA RELATED COMPITITION WITH CASH PRIZES.	2018-19	15.00
5	Chandrapur Area	FINANCIAL ASSISTANCE TO DISTRICT COLLECTOR CHANDRAPUR FOR RENOVATION OF PRIYADARSHNI HALL AT CHANDRAPUR	2018-19	10.00
6	Chandrapur Area	INSTALLATION OF SANITARY NAPKIN VENDING MACHINE THROUGH PRAYAS FOUNDATION	2018-19	1.20
7	Chandrapur Area	PROVIDING WATER COOLER CAPACITY 150 LTR AND WATER PURIFIER(100 LITRE)TO BUS STAND	2018-19	3.34
8	Chandrapur Area	PROVIDING WATER PURIFIER RO TYPE CAPACITY 50 LTRS AND WATER COOLER(80 LTRS) TO 5 SCHOOLS IN CHANDRAPUR	2018-19	0.67
9	Chandrapur Area	CONSTRUCTION OF TOILETS AT PRIYADARSHANI GIRLS SCHOOL AT CHANDRAPUR	2018-19	4.00
10	Chandrapur Area	RENOVATION OF TOIELTS AT Z.P. SCHOOL, NANDGAON UNDER SWACHTA ACTION PLAN	2018-19	0.79
11	Chandrapur Area	PROVIDING WATER COOLER CAPACITY 150LTR TO RAILWAY STATION, CHANDRAPUR	2018-19	0.43
12	Chandrapur Area	INTER AREA KABADDI TOURNAMENT 18-19 AT CHANDRAPUR AREA	2018-19	2.97
13	Chandrapur Area	PROVIDING 5 NOS. WATER PURIFIERS IN PHC ACROSS CHANDRAPUR	2018-19	0.91
14	Chandrapur Area	PROVIDING TWO COMPUTERS TO INDIRA GANDHI VIDHYALAYA, PADOLI	2018-19	1.06
		TOTAL		41.66

Various CSR Activities near Durgapur Opencast Mine and in Chandrapur Area

Handpump/Borewell installation at various locations



Handpump at Biyani Nagar



Handpump at Bagdad khidki



Borewell at KVC Central school



Handpump at Sarkar nagar



Handpump at Sashtakar Lay-out



Handpump at DRC-V, Nehru Nagar



Construction of Platform at Motaghat Nallah



Construction of 150 mtr. Concrete road at Sangeet Nagar



Construction of Community Hall at Asthbhuja Mandir



Construction of 200 mtr. Road from Tadoba to Kalimata Temple



Construction of Compound wall of Community hall of Durgapur Village



Furniture for Gram Panchayat (Sinhala)



Furniture for Kendriya Vidyalaya(Chandrapur)



Distribution of Uniform to Economically weaker section

Repair of Slab Zila Parishad School(Durgapur)



Repair of Mahakali Cremetery (Chandrapur)



Toilet for Handicapped student at KVC, Chandrapur



Tarfelting work at NP Telgu Highschool



Bicycle distribution to female students of Chandrapur district schools



Distribution of Grains and medical help to Flood victims



Distribution of LPG gas connections to BPL families



Medical Camp for Pilgrims to Mahakali Temple



De-silting and widening of Erai River

PLANTATION UNDER CORPORATE SOCIAL RESPONSIBILITY



50 Ha. Plantation under CSR



Plantation Rows



Area under Plantation



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either
directly or indirectly to the press or to any person not holding an official
position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



APRIL 2023

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/APRIL-23/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47	
				13-04-23 TO 15-05-23	

MANAGER OFFICE MAHAKALI UG CMKUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
13-04-23	14-04-23	256	137	54	20	16
28-04-23	29-04-23	267	162	57	17	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				

CRC SUBSTATION/ FILTER PLANT CCRUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
13-04-23	14-04-23	236	123	50	20	13
28-04-23	29-04-23	267	146	53	17	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
14-04-23	15-04-23	243	140	57	21	14
28-04-23	29-04-23	255	160	50	25	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				

COLONY (MAHAKALI UG) CMKUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
13-04-23	14-04-23	133	60	23	13	BDL
27-04-23	28-04-23	139	62	27	10	BDL
NAAQS, 2009		-	100	60	80	80
		ENVIRONMENT CONDITIONS (Sky/Wind)				



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	-------------	---


FUGITIVE DUST MONITORING

TEST REQUIRED	SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017) & PM2.5: USEPA Quality Assurance guidance		
SAMPLE DESCRIPTION	Air sample(Fugitive)		
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	13-04-23 TO 15-05-23	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)		ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	
FROM	TO	s	s	
28-04-23	29-04-23	488	292	Cloudy / Light Breeze



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report	
SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	13-04-23 TO 15-05-23

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-04-23	7.50	20	28	BDL
28-04-23	7.46	20	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	-------------	--

NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROCTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
APRIL'23	13-04-23	68.6	66.9
APRIL'23	26-04-23	67.7	66.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
APRIL'23	13-04-23	43.5	42.2
APRIL'23	26-04-23	44.3	42.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Ashwin B Wasnik
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.

***** End of report *****



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




MAY 2023



Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY



Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAY-23/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS 5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 15-05-23 TO 16-06-23	

MANAGER OFFICE MAHAKALI UG CMKUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
14-05-2023	15-05-2023	268	160	55	18	14
27-05-2023	28-05-2023	257	143	58	20	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120


CRC SUBSTATION/ FILTER PLANT CCRUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
14-05-2023	15-05-2023	242	127	52	20	16
27-05-2023	28-05-2023	260	140	53	19	14
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
15-05-2023	16-05-2023	253	160	52	23	16
27-05-2023	28-05-2023	244	146	58	22	14
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120

COLONY (MAHAKALI UG) CMKUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
14-05-2023	15-05-2023	140	57	27	14	BDL
27-05-2023	28-05-2023	132	60	30	10	BDL
NAAQS, 2009		-	100	60	80	80



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report	
SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	15-05-23 TO 16-06-23

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-05-2023	8.20	26	36	BDL
28-05-2023	8.31	22	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	--------------------	--

NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAY'23	13-05-2023	68.5	67.8
MAY'23	27-05-2023	70.8	69.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAY'23	13-05-2023	42.6	41.5
MAY'23	27-05-2023	42.9	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Ashwin B Wasnik
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.

***** End of report *****



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



JUNE 2023

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/JUNE-23/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47	
				17-06-23 TO 15-07-23	

MANAGER OFFICE MAHAKALI UG CMKU1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
04-06-23	05-06-23	265	158	53	17	14
19-06-23	20-06-23	260	141	50	18	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				
		Cloudy / Light Breeze				
		Cloudy / Light Breeze				


CRC SUBSTATION/ FILTER PLANT CCRUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
04-06-23	05-06-23	240	131	51	20	15
19-06-23	20-06-23	256	146	53	18	14
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				
		Cloudy / Light Breeze				
		Cloudy / Light Breeze				

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
04-06-23	05-06-23	251	150	56	22	16
19-06-23	20-06-23	244	138	50	21	13
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				
		Cloudy / Light Breeze				
		Cloudy / Light Breeze				

COLONY (MAHAKALI UG) CMKU2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
04-06-23	05-06-23	134	62	32	12	10
19-06-23	20-06-23	143	53	33	10	BDL
NAAQS, 2009		-	100	60	80	80
		ENVIRONMENT CONDITIONS (Sky/Wind)				
		Cloudy / Light Breeze				
		Cloudy / Light Breeze				



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report	
SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	17-06-23 TO 15-07-23

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
04-06-23	8.44	24	44	BDL
19-06-23	8.16	34	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	--------------------	--

NOISE LEVEL MONITORING DATA

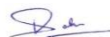
SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JUNE'23	13-06-23	72.8	71.6
JUNE'23	19-06-23	64.7	63.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JUNE'23	13-06-23	42.6	41.7
JUNE'23	19-06-23	43.8	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Ashwin B Wasnik
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.

***** End of report *****



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




JULY 2023



Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY



Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/JULY-23/37		DATE OF ISSUE	31-08-2023
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)				
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-07-23 TO 14-08-23

MANAGER OFFICE MAHAKALI UG CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06.07.2023	07.07.2023	259	154	51	20	16	Cloudy Sky/Light Breeze
20.07.2023	21.07.2023	230	132	47	18	12	Rainy sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

CRC SUBSTATION/ FILTER PLANT CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06.07.2023	07.07.2023	242	136	53	22	17	Cloudy Sky/Light Breeze
20.07.2023	21.07.2023	231	130	48	17	12	Rainy sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
05.07.2023	06.07.2023	247	144	54	20	16	Cloudy Sky/Light Breeze
19.07.2023	20.07.2023	228	127	47	18	11	Rainy sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
05.07.2023	06.07.2023	65	29	13	BDL	Cloudy Sky/Light Breeze	
19.07.2023	20.07.2023	54	22	8	BDL	Rainy sky/Light Breeze	
NAAQS, 2009		100	60	80	80		



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
---	-------------	--


FUGITIVE DUST MONITORING

TEST REQUIRED	SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017) & PM2.5: USEPA Quality Assurance guidance		
SAMPLE DESCRIPTION	Air sample(Fugitive)		
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-07-23 TO 14-08-23	


		COAL BUNKER	CMKUF1		
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)		ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀		
FROM	TO	5	5		
06-07-2023	07-07-2023	480	285	Cloudy / Light Breeze	



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
SAMPLE DESCRIPTION		Water sample			
Test Required		pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)			
SAMPLING METHOD		LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-07-23 TO 14-08-23		

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06.07.2023	7.52	18	20	BDL
20.07.2023	7.24	25	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	-------------	---

NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE:CMKUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JULY'23	07-07-2023	63.8	62.5
JULY'23	22-07-2023	55.6	54.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI):CMKUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JULY'23	07-07-2023	42.6	41.7
JULY'23	22-07-2023	43.5	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Amol Kamble
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.
- ***** End of report *****



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




AUGUST 2023

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI

REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/AUGUST-23/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)				
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 15-08-23 TO 15-09-23	

MANAGER OFFICE MAHAKALI UG CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07.08.2023	08.08.2023	250	144	50	20	15	Clear Sky/Light Breeze
22.08.2023	23.08.2023	265	159	55	23	19	Cloudy Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	


CRC SUBSTATION/ FILTER PLANT CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
11.08.2023	12.08.2023	260	158	54	21	19	Cloudy Sky/Light Breeze
26.08.2023	27.08.2023	245	140	50	18	15	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
11.08.2023	12.08.2023	252	149	52	20	15	Cloudy Sky/Light Breeze
26.08.2023	27.08.2023	234	130	49	17	12	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
07.08.2023	08.08.2023	66	24	12	BDL	Clear Sky/Light Breeze	
22.08.2023	23.08.2023	70	28	16	10	Cloudy Sky/Light Breeze	
NAAQS, 2009		100	60	80	80		



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report	
SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	15-08-23 TO 15-09-23

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07.08.2023	7.90	24	32	BDL
23.08.2023	7.96	20	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	--------------------	---

NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
AUG'23	08-08-2023	56.5	55.6
AUG'23	26-08-2023	55.9	54.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
AUG'23	08-08-2023	42.6	41.7
AUG'23	26-08-2023	41.5	40.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Ashwin B Wasnik
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.
***** End of report *****



STRICTLY RESTRICTED
FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



SEPTEMBER 2023

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/SEPT-23/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 Part-4:1999(RA 2019), PM-10: IS-5182 Part 23:2006(RA 2017), PM2.5: USEPA Quality Assurance guidance document volume-II (part-II)-2.12:2016, NO2: IS 5182 Part-06:2006(2017), SO2:IS 5182 Part-2:2001(RA 2017)				
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 15-09-23 TO 15-10-23	

MANAGER OFFICE MAHAKALI UG CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07.09.2023	08.09.2023	260	150	52	22	18	Cloudy Sky/Light Breeze
23.09.2023	24.09.2023	285	170	57	26	15	Cloudy Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	


CRC SUBSTATION/ FILTER PLANT CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
11.09.2023	12.09.2023	289	165	54	25	16	Cloudy Sky/Light Breeze
27.09.2023	28.09.2023	305	178	59	30	21	Cloudy Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
11.09.2023	12.09.2023	270	159	53	27	19	Cloudy Sky/Light Breeze
27.09.2023	28.09.2023	256	150	50	24	15	Cloudy Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
07.09.2023	08.09.2023	71	25	16	10	Cloudy Sky/Light Breeze	
23.09.2023	24.09.2023	75	29	14	12	Cloudy Sky/Light Breeze	
NAAQS, 2009		100	60	80	80		



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report	
SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -Part 11:1983(RA 2017),TSS: IS 3025-Part 17:1984(RA 2017),COD: APHA (23rd Edition) 5220 C :2017,O &G: IS 3025-Part 39:1991(RA 2019) & BOD: IS 3025 (Part 44): 1993 (RA 2019)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	15-09-23 TO 15-10-23

MINE WATER DISCHARGE: CMKUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07.09.2023	7.55	21	28	BDL
23.09.2023	7.14	15	20	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
---	--------------------	--

NOISE LEVEL MONITORING DATA

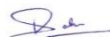
SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROCTOCOL FOR AMBIENT NOISE MEASUREMENT, JUNE-2015
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
SEPT'23	09-09-23	56.5	55.9
SEPT'23	25-09-23	55.6	54.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
SEPT'23	09-09-23	42.6	41.5
SEPT'23	25-09-23	42.7	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



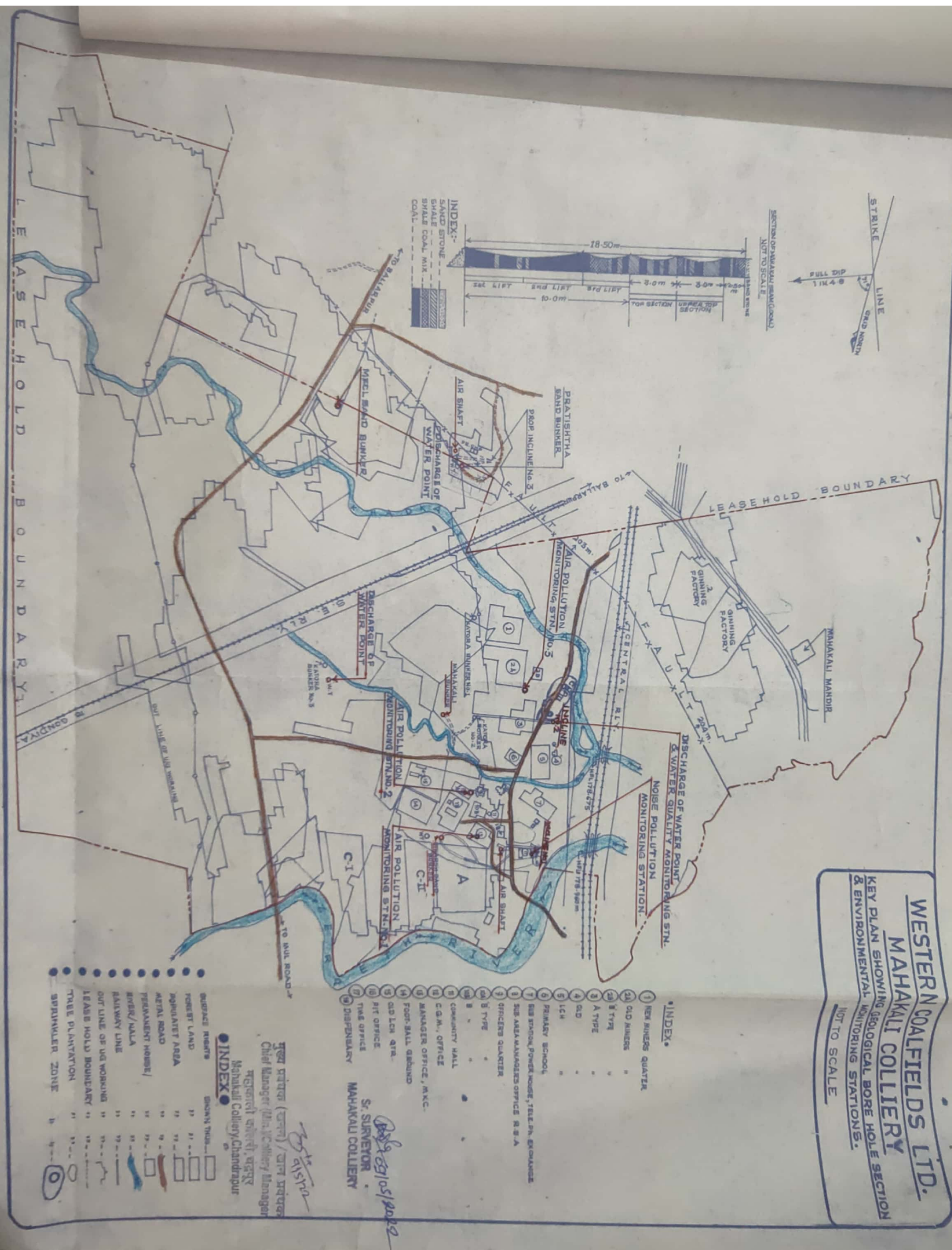
Ashwin B Wasnik
Reviewed by



Deepanshu Sahu
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
3. This report refers to the values related to the items tested.

***** End of report *****





Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000061430

Submitted Date

29-09-2023

PART A

Company Information

Company Name

MAHAKALI COLLIERY

Application UAN number

MPCB-CONSENT-0000149308

Address

Post- Babupeth

Plot no

423

Taluka

Chandrapur

Village

Rayatwari Area

Capital Investment (In lakhs)

972.83

Scale

L.S.I

City

Chandrapur

Pincode

442403

Person Name

Bharat Nagrale

Designation

Mine Manager

Telephone Number

8275967536

Fax Number

0

Email

mahakalicolliery@gmail.com

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R35 Mining and ore beneficiation

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENT-0000149308 2023-03-17

Consent Issue Date

Consent Valid Upto

2025-03-31

Establishment Year

1922

Date of last environment statement submitted

Sep 19 2022 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Mine Closure Activities

Consent Quantity

0

Actual Quantity

0

UOM

CMD

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for

Consent Quantity in m3/day

Actual Quantity in m3/day

Process	115.00	115.00
Cooling	0.00	0.00
Domestic	250.00	250.00
All others	0.00	0.00
Total	365.00	365.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	0	0	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Coal	1.221	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Explosive (Kg/Tone)	0.349	0	

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	0	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Water Report attached in Part-I	0	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
-----------------------------	---	--	------------

Part-E

SOLID WASTES			
1) From Process			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA`	0	0	CMD
2) From Pollution Control Facilities			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD
3) Quantity Recycled or Re-utilized within the unit			
Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.			
1) Hazardous Waste			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
NA	0	CMD	NA
2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	CMD	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.						
Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Impact of Pollution Control Measures	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.		
[A] Investment made during the period of Environmental Statement		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Capital Expenditure	Air & Water Pollution Control Measures	0.00
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Attachment as required.

Name & Designation

Bharat Nagrale, Mine Manager, Mahakali Colliery

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000061430

Submitted On:

29-09-2023