



वेस्टर्न कोलफिल्ड्स लिमिटेड Western Coalfields Limited

(मिनीरल कंपनी) (A Miniratna Company)

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

CIN-U10100MH1975GOI018626



ONE EARTH • ONE FAMILY • ONE FUTURE

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/2024-25/ 278

दिनांक: 05.07.2024

प्रति,

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

विषय: Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for **Manna Incline & Nandgaon Incline UG Mine** of Chandrapur Area, WCL (As on 01.04.2024)

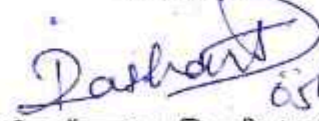
संदर्भ: EC letter No. J-11015/31/2009-IA.II(M) dtd: 22.07.2009

महोदय,

Please find enclosed herewith, Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for **Manna Incline & Nandgaon Incline UG Mine** of Chandrapur Area, WCL (As on 01.04.2024)

This for your kind information & necessary action please.

भवदिय


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. COMPLIANCE REPORT

(01-10-2023 to 31-03-2024)

AS ON 01-04-2024

EXPANSION OF BALLARPUR U/G COAL MINES CONSISTING
PROJECT

MANNA INCLINE
&
NANDGAON UNDERGROUND MINE.

HINDUSTAN LALPETH SUB AREA

WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA

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ANNEXURES

- i. Copy to Environmental Clearance vide J-11015/31/2009 – IA, II(M),
dtd. 22/07/2009
- ii. Copy of CTO for Nandgaon Incline from Maharashtra Pollution Control Board.
- iii. Copy of CTO for Manna Incline from Maharashtra Pollution Control Board.
- iv. Environmental Monitoring Report for Q.E. (October -2023 to March - 2024)
- v. Environment Audit Form-V (2022-23) for Manna Incline & Nandgaon Incline
- vi. Ground Water Monitoring Report (PERIOD- DEC 2022 (POST-MONSOON), JAN-FEB -2023 (WINTER) & MAY-2023)
- vii. Layout Plan

WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA : ENVIRONMENT DEPARTMENT
COMPLIANCE OF ENVIRONMENTAL CLEARANCE CONDITIONS
SIX MONTHLY STATUS AS ON 01- 04-2024

Environmental clearance details :-

- * Name of Project/Area : Expansion of Ballarpur U.G Coal Mines consisting Manna Incline & Nandgaon U/G Mine WCL, Chandrapur Area.
- * Location and Address : Sub Area Manager, Hindustan Lalpeth Sub Area, P.O. Hindustan Lalpeth Colliery, Dist. Chandrapur (M.S.) Pin Code : 442 507,
- * Production : 0.50 Million Te./Year (NI-0.3 M.Te.+MI-0.20 M.Te.) EC
0.064 Mill. Te./Y. (Production) (NI-0.064 M.Te.+MI-0.0 M.Te.)
- * Total Lease Area : 1619.66 Ha.
- * Agricultural (Tenancy land) : 1223.92 Ha.
- * Waste Land (Govt. Land) : 272.93 Ha.
- * Capital Cost (2023-2024) : **Rs. 28.34 Cr. (NI=Rs. 22.30 Cr. + MI=Rs.6.04 Cr.)**
- *Environmental Clearance : 0.50 Million Te./Yr . (NI-0.3 M.Te.+MI-0.20
M.Te.) Coal production vide letter No :
J-11015/31/2009-IA, II(M), dtd. 22/07/2009
for expansion of Ballarpur U/G Coal Mine Including
M.I and N.I.
- * Public Hearing Conducted on : 26/10/2005
- a) Consent to operate obtained **N.I** : i) Consent to Operate for production. 0.20 MTPA has been granted for a period upto -31/03/2024
Consent No. Format1.0/APAE Section/UAN
No.0000108071/CR/CC-1242 dtd: 29.11.2021
- M.I** i) Consent to Operate for production. 0.15 MTPA has been granted up to 31/03/2023 vide consent No. Format 1.0/APAE Section/UAN No. 0000088025/CR/1520 Date. 26/02/2021
- b) Environment Clearance for expansion for 0.50 Million Te./Yr. Coal Production vide letter No. J-11015/31/2009 – IA, II(M), dtd. 22/07/2009 (NI+MI)

PRESENT STATUS OF PROJECT WORK

PART – I

Name of the Project	Expansion of Ballarpur U.G. Coal Mines consisting Manna Incline and Nandgaon U/G Mine
Location	At. P.O. Hindustan Lalpteh Tahsil : Chandrapur Dist: Chandrapur , Maharashtra State
Address for correspondence	Sub Area Manager, Hindustan Lalpteh S.A. P.O./ Hindustan Lalpteth Colliery Dist.-Chandrapur (M.S.) – 442 507
MOEF's Clearance No. & Date	J-11015/31/2009 – IA, II(M), dtd. 22/07/2009
Period of Status Report	01-10-2023 to 31-03-2024
Date of Submission of Last Report	16.12.2023
Year of Commencement of Project work	1980 - Nandgaon Incline 1999 - Manna Incline

STATUS OF LAND ACQUISITION :-

Type of Land	Required as Per EMP (in Hectares)	Actual Area Acquired (in Hectares)
Forest Land	123.71	123.71
Wastage Land (Govt. Land)	272.93	272.93
Agricultural Land	1223.92	1223.92
Total	1619.66	1619.66

STATUS OF LEGAL COMPLIANCE :-

A.	Consent under water (Prevention & control of pollution) Act.	A) <u>N.I.</u> Valid consent exist till 31.03.2024 Consent No. Format1.0/APAE Section/UAN No.0000108071/CR/CC-1242 dtd: 29.11.2021 B) <u>M.I.</u> Consent to operate under air & water act & for a production capacity of 0.15 Million Te./Yr. received from MPCB. Up to 31.03.2023 1) Consent No. Format 1.0/APAE Section/UAN No. 0000088025/CR/1520 Date 26/02/2021.
B.	Consent Fees under water (Prevention & Control of pollution) Act.	Consent fees paid till renewal date. Water cess paid up-to DEC-2015. Water cess has been abolished since July-2017
C.	Environment (Protection) Act.	Environment statement for the year 2022-23 has been submitted on line to MPCB..
D.	Forest (Conservation) Act.	Approval obtained for 67.17 Ha. Forest land for Hindustan Lalpeth Open Cast Project dt. 08/05/2001 vide letter No. 8-15/95-FC/1480-F, 24.87 Ha. for Opencast and 42.30 Ha. for Underground.

PART – II

	<i>AIR POLLUTION CONTROL</i>	<i>STATUS OF ENVIRONMENT</i>
A.	No. of Ambient Air Monitoring stations	04 Nos. (Fortnightly)
B.	* Name of the Locations	
	CNUA -1	1) Manager Office
	CNUA -2	2) Colony
	CNUA -3	3) Sub Station , M.I.
	CNUA -4	4) Manna Village
C.	*Ambient Air Quantity Status for the Parameters prescribed by state pollution control board.	
	CNUA -1	Levels of air pollution are within permissible limit .
	CNUA -2	
	CNUA -3	
	CNUA -4	

* Location of the sampling stations have : Enclosed
been delineated on the working mine
Plan.

* Detailed Report of sampling & Analysis : CMPDIL Report for of Ambient Air Quality as
per the Quality as per Oct-2023 To March.-2024
is enclosed.

	<i>WATER POLLUTION CONTROL</i>	
A.	No. of stations & Frequency of Monitoring	01 (Fortnightly)
B.	* Description of Locations	
	CHI UW-I	Mine Discharge (After Settlement) from sand stowing tank.
C.	Average Concentrations of Major Pollutants prescribed by State Pollution control Board.	As seen the Environmental Monitoring Report for Oct-2023 To March-2024 the values of environmental parameters are within permissible limits
	Environmental Monitoring Reports for	Oct-2023 To March-2024 is enclosed
D.	Quantity of Effluent discharged to	DRY SEASON 10800 KL. Per day
i)	Local Water Course from each course (in M ³ /day) for N.I.	WET SEASON 10800 KL. Per day
ii)	Quantity of Eloquent discharged to Local Water Course from each course (in M ³ /day) for M.I.	DRY SEASON 8.23 KL. Per day WET SEASON 8.23 KL. Per day

* Location of the Sampling Station have : Enclosed
been delineated on the Working Mine
Plan.

* Detailed Report of Sampling & Analysis : Report for Quarter ending upto Effluent Quality as
per the Statute Oct-2023 To March-2024 is
enclosed. Standard & Approved Laboratory

	<i>NOISE POLLUTION CONTROL</i>	
A.	No. of Noise Monitoring Stations	02 No.
B.	* Description of Locations & dB (A) Value.	1. Near Fan House CNUN-1 2. Colony CNUN-2
C.	Average Concentrations of Major Pollutants prescribed by State	As seen from the environment Report for April.-2023 To Sep.-2023 recorded noise level data are within permissible limit.


	Pollution control Board.	
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- * Location Points have been delineated on the Working Mine Plan : Enclosed
- * Detailed Report of Noise Monitoring as per the Statute to be Enclosed : Oct-2023 To March-2024

REHABILITATION & RESETTLEMENT-

The Actual position as on 01-04.2024 is as follows.

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

<p>Organization set up at Project Level. (Name & Designation of the personnel to be given.)</p>	<p style="text-align: center;">  Shri. Farun Devra Dy. GM (Min)/Sub Area Manager Hindustan Lalpeth Sub Area, CHA. </p>
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PART – III

CAPITAL :

EXPENDITURE ON POLLUTION CONTROL MEASURES AT MANNA & NANDGAON				
AIR POLLUTION				
A.) BLACK TOPPING OF ROADS / RCC PAVEMENT AT WEIGH BRIDGE AS ON 01/04/2024				
Sl.	Head	Project	1/10/23 to 31/03/24 (in Lakh)	Progressive as on 1/04/24 (in Lakh)
1	Black Topping of road from Check post to CHP.	Nandgaon Incline	0.00	1.00
2	Cement concrete pavement under CHP	Nandgaon Incline	0.00	8.00
3	R.C.C pavement for truck movement Area weigh bridge	Nandgaon Incline	0.00	13.10
4	Side cladding around gantry and Bunker	Manna Incline	0.00	02.47
	Side cladding around gantry and Bunker	Nandgaon Incline	0.00	02.47
5	Making R.C.C. approach road for weight bridge.	Nandgaon Incline	0.00	02.09
6	Strengthening of coal transportation road (WBM) near bunker Nandgaon Incline	Nandgaon Incline	0.00	18.013
7	Strengthening of approach road to Nandgaon Incline under HLSA	Nandgaon Incline	0.00	8.019
8	Strengthening of approach road to Manna Incline under	Manna Incline	0.00	8.019
9	Diversion of public road for Nandgaon & Manna mine under HLSA of Chandrapur Area.	N.I. & M.I.	24.20	24.20
	Total		24.20	87.381
B.) MIST SPRAY SYSTEM/FIXED SPRINKLERS INSTALLED/MOBILE TANKERS AS ON 01/04/2024				
Sl.	Head	Project	1/10/23 to 31/03/24 (in Lakh)	Progressive as on 1/04/24 (in Lakh)
1	Fixed Sprinkler at Coal Bunker	Nandgaon Incline	0.00	5.00
2	Fixed Sprinkler at N.I. Stock Yard	Nandgaon Incline	0.00	8.48
3	Mobile Tanker	N.I. & M.I.		8.56
4	Providing side cladding for Coal Bunker	Nandgaon Incline	0.00	3.50
5	Side cladding of Coal Bunker	Manna Incline	0.00	7.50
6	Mist Spray exacting of Coal Bunker	Manna Incline	0.00	5.30
7	Extn. Of tippler at Manna	Manna Incline	0.00	4.48
8	Making concrete road from turning surface coal bunker to haulage room at M.I. of under HLUGSA	Manna Incline	0.00	10.5
9	Fixed rain gun of coal stock yard	Manna Incline	0.00	9.44
	TOTAL		0.00	62.76
C.) WATER POLLUTION				
Sl.	Head	Project	1/10/23 to 31/03/24 (in Lakh)	Progressive as on 01/04/24 (in Lakh)

1.	Construction of Water Treatment Plants	Nandgaon Incline	0.00	3.50
2.	Water Treatment Plant / Sedimentation Tank	Manna Incline	0.00	13.00
3.	Construction of R.C.C. settling tank	Nandgaon Incline	0.00	09.49
4.	Installation and commissioning of 10000 GPH Pressure filter, Nandgaon Incline		0.00	35.00
5.	Construction of RCC overhead tank at Nandgaon		0.00	32.41
	TOTAL		0.00	93.40
	GRAND TOTAL : A+B+C			243.541

EXPENDITURE : REVENUE (In Rupees)

A. NANDGAON INCLINE (As on 01-04-2024)

ACCOUNT HEAD	CURRENT YEAR 01-04-2023 to 31-03-2024	PROGRESSIVE Last 6 years as on 01-10-2023
Plantation	Nil	Rs. 4.68 Lakhs approx
Air Pollution Control (O&M of Mobile Tanker & Sprinklers)	Rs. 4.62 Lakhs approx	Rs.191.23 Lakhs approx
Water Pollution Control (O & M)	Rs. 0.00 Lakhs approx	Rs. 38.28 Lakhs approx
Monitoring	Rs 0.00 Lakh	Rs 39.78 Lakh
Legal Expenses (consent fees)	Rs. 0.00 Lakh	Rs. 23.55 Lakh
Environmental Audit + Water cess + Ground Water abstraction charges	Rs. 0.00 Lakh	Rs. 240.28 Lakh
Other (JVs by MPCB)	Rs. 0.00	Rs. 1.43 Lakh
TOTAL	Rs. 4.62 Lakhs	Rs. 539.23 Lakhs

B. MANNA INCLINE (As on 01-04-2024)

ACCOUNT HEAD	CURRENT YEAR 01-04-2023 to 30-09-2023	PROGRESSIVE Last 6 years as on 01-10-2023
Plantation (20000)	Rs. NIL	Rs. 11.37 Lakhs
Air Pollution Control	Rs. 0.00 Lakhs	Rs. 51.07 Lakhs
Water Pollution Control (O & M of Sedimentation Tank)	Rs. 0.00 Lakhs	Rs. 4.00 Lakhs
Monitoring	Rs. 0.00 Lakh	Rs. 43.03 Lakhs
Consent Fees paid upto 31/3/2018	Rs. 0.00	Rs. 7.65 Lakhs
Environmental Audit Water cess + Ground Water abstraction charges.	Rs. 0.00 Lakh	Rs 31.49 Lakh
Other (JVs by MPCB)	Rs. 0.00	Rs. 1.192
TOTAL		Rs. 149.802 Lakhs

ALP
4/7/24
Sr. Manager(Min)/Manager
Manna Incline

Ucf
4/7/24
Chief Manager(Min)/Manager
Nandgaon Incline

Po
4/7/24
Sub Area Manager
Hindustan Lalpeth Sub Area

Rashant
Area Nodal Officer (ENV)
Chandrapur Area

Monitoring Report

Date : 01-04-2024

DATA SHEET

1. Project type : River- valley/Mining/
Industry/Thermal/Nuclear/Other (Specify) : MINING
2. Name of the Project : Expansion of Ballarpur U.G. Coal
Mines consisting of Manna Incline & Nandgaon
Incline underground mines.
3. Clearance letter (s)/OM No. & date
of Addi. Director, MoEF-New Delhi : J-11015/31/2009 – IA, II(M),
(This supersedes all clearances granted earlier) dtd . 22/07/2009
4. Location
 - a) District : Chandrapur
 - b) State : Maharashtra
 - c) Latitude/Longitude :

	<u>N.I</u>	<u>M.I.</u>
Latitude	N 19 ⁰ 55'	N 19 ⁰ 53'
Longitude	E 79 ⁰ 19'	E 79 ⁰ 19'
5. Address for correspondence
 - a) Address for Concerned Project
Chief Engineer (With Pin Code
& Telephone No./telex/Fax. No. : Area General Manager
Western Coalfields Limited
PO. Babupeth , Chadrapur Area
Ph. No. 07172 - 253322, 23, 24, 25
07172 - 256715, 256124
Fax – 07172 - 255287
 - b) Address of Executive Project
Engineer/Manager : Shri Tarun Devra
Dy.GM(Min)/Sub Area Manager, HLSA
Chandrapur Area., W.C.L.
(with Pin Code & Fax No.) Post : Babupeth, Dist : Chandrapur
(M.S.), Pin - 442 507
Ph. No. 07172 - 225158
6. Salient features
 - a) Of the Project : Enclosed as A
 - b) Of the Environmental Management plan : Enclosed as B
7. Break up of the project area : 1619.66 Ha.
 - a) Submergence area (forest & non forest) : Not applicable
 - b) Others
 - Agricultural : 1223.92 Ha.
 - Forest Land : 123.71 Ha.
 - Waste Land : 272.93 Ha.
 - TOTAL : 1619.66 Ha.
8. Breakup of the Project affected population : Not Applicable
with enumeration of those losing houses/
dwelling units only, agricultural land only
both dwelling units & agricultural land &
landless labourers /artisan.
 - a) SC, ST / ADIWASI : Not Applicable
 - b) Others : Not Applicable


	(Please indicate whether these figures are based 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	:	N.I. + M.I.
	a) Project cost as originally planned and subsequent revised estimates and year of price reference.	:	1572.19 Lakhs
	b) Allocation made for environmental management plans with item wise and year wise break-up.	:	
	c) Benefit cost ratio/Internal Rate of Return and the year of assessment	:	
	d) Whether (C) includes the cost of environmental management as shown in the above.	:	
	e) Actual expenditure incurred on the project so far.	:	Rs. 28.34 Cr. (N.I.+M.I.)
	f) Actual expenditure incurred on the environmental management plans so far	:	Capital Rs. 243.541 lakh. Revenue Rs. 534.61 Lakh + 149.802 Lakhs
		:	(N.I.+M.I.) = Rs. 684.412 Lakh
10.	Forest land requirement	:	
	a) The status of approval for diversion of forest land for non-forestry.	:	Not Applicable
	b) The status of cleaning felling	:	Not Applicable
	c) The status of compensatory forestation, in any.	:	Not Applicable
	d) Comments on the viability & sustainability of compensatory forestation programme in the light of actual field expedience so for.	:	Not Applicable
11.	The status of clear feeling 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)	:	Nandgaon Incline 1980 Manna Incline 1999
	b) Date of completion (Actual and /or planed)	:	Existing mine
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	:	Not Inspected till date

office on previous occasions, if any.

- b) Date of site visit for this monitoring report : do
15. Details of correspondence with project authorities for obtaining action plans information on status of compliance to safeguards other the routine letters for logistic support for site visits) : No correspondence received till date

(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)


Sr. Manager(Min)/Manager
Manna Incline


Sub Area Manager
Hindustan Lalpeth Sub Area


Chief Manager(Min)/Manager
Nandgaon Incline


Area Nodal Officer (ENV)
Chandrapur Area

PART - IV

Project : Expansion of Ballarpur U.G. coal mines consisting Manna Incline and Nandgaon Incline U/G mines.
Environmental Clearance : For Coal Production Capacity of 0.76 Million Te./Y.
Ref. No. - : J-11015/31/2009-1A,II(M) dtd 22-07-2009

COMPLIANCE REPORT AGAINST ENVIRONMENTAL CLEARANCE

Sl.	A. Specific Conditions	Compliance
i)	No mining shall be undertaken in forestland until forestry clearance has been obtained	Noted
ii)	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structures, roads, and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and materials. Cracks shall be effectively plugged with ballast and clayey soil/suitable material	Regular monitoring of subsidence is carried out over working panels and no subsidence has been observed. In case any cracks are observed, the same shall be effectively plugged with ballast and clayey soil/suitable material. The cover of N.I.- Panel C= 100.30 to 149.27 mtr, working face & the present working of N.I. Panel running at a depth of 146 mtr. Production from Mana Incline is discontinued from July 2022 The depillaring is carried out after taking due permission from DGMS. All conditions with respect to precautionary measures as well as monitoring etc are stipulated in the permission letter & are adhered to during actual depillaring operations in the mine. The implementation of the stipulated conditions are also monitored by DGMS
iii)	High root density tree species shall be selected and planted over areas likely to be affected by subsidence.	Noted. Till date no subsidence has been recorded.
iv)	Coal extraction shall also be optimized in areas where agricultural production is continuing. Some pillars shall be left below the agricultural land No coal depillaring shall be undertaken below areas of habitation.	Noted
v)	Subsidence shall be monitored closely and if subsidence is found exceeding the permitted limits, than the landowners shall be adequately compensated with mutual agreement of the landowners.	At present no subsidence observed.
vi)	Garland drain (size, gradient & length) around the safety areas such as mineshaft and low lying areas and sump capacity shall be designed keeping 50% safety margin over an above the peak sudden rainfall and maximum discharge in the area adjoining the	Compliance / ATR :- In u/g mine, there is only one entry point i.e. mine inclines/shaft. As per the provisions of Coal Mines Regulation 1957. No.- 126 & No.-127 the mine entry level are made of least 3m above the HFL for protecting the mine against surface inundation. The same has already been provisioned for in the mine. The garland drains have been made as per the statute around the mine entries & are desilted before onset of every monsoon.

	mine site. Sump capacity shall also provided adequate retention period to allow proper setting of silt material.	The sump has been made in u/g workings of the dip most point where entire strata seepage water as well as monsoon water gets accumulated and the size of the sump is large enough to accommodate 50% over the peak sudden rainfall in the adjoining areas. Further sump has got capacity to allow adequate retention period (4-6 hr.) for setting of suspended coal particles (in u/g water there is no other silt material)
vii)	Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor system, haulage roads, transfer points, etc Mobile sprinklers shall be provided in major haul roads and with high levels of SPM/RSPM	1 No. mobile tanker provided for water surveying on coal transport rods and coal stock yard. Fixed sprinklers provided at; N.I. – CHP & transportation road CHP to way bridge Sprinkler. M.I. – CHP coal stock yard provided 6 rain guns.
viii)	Major approach roads shall be black topped and properly maintained. A 3-tier plantation shall be developed along all major roads, near CHP, coal bunker, infrastructure. A mist spray water sprinkling system shall be installed at the CHP and at transfer points.	Approach road to Manna Incline is black topped 1.3 Km and properly maintained. Plantation is provided near pit top. M.I. = 20,000 Plantation. N.I.= 600 Plantation.
ix)	Drills shall be wet operated only to avoid fugitive dust emission.	Drills shall be wet operated only to avoid fugitive dust emission. Compliance/ATR:- As already explained, the mines under consideration are u/g mines where entire coal mining operations including drilling are carried out below ground only. There is no drilling on surface. The u/g drilling operations are carried out by hand held / portable electrical drilling machines (Which are duly approved by DGMS for use in u/g. The coal faces are made wet before drilling operations start. Moreover the ventilation in coal faces are adequately maintained as per the provisions of Coal Mines Regulation 2017. As such there is no chance of fugitive dust emission due to drilling.
x)	A progressive afforestation plan shall be prepared and implemented over the mine lease area and shall include areas under green belt development areas along roads, infrastructure, along ML boundary and township outside the lease area etc. by planting native species in consultation with the local DFO/Agriculture department. The density of the trees shall be around 2500 plants per ha.	Compliance /ATR:- The mines under consideration are u/g mines and plantation works are taken up in Surface Right area only (the area where mine entries & surface infrastructures are built.) The plantation is taken up through Forest Development Corporation of Maharashtra/ Madhya Pradesh Rajya Van Vikas Nigam. The plantation species are native species. Till date plantation done is 20600 nos @ 2500 plants/ha.
xi)	Regular monitoring of groundwater level and quality should be carried out by establishing a network of existing wells and construction of	Compliance/ATR:- Regular monitoring of ground water level in villages in the buffer zone is being carried out 4 times in a year as specified in the EC letter, Similarly, quality parameters are also being monitored once in a

	<p>new peizometers. The monitoring for quantity shall be done four times a year in pre monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment & Forests and to the Central Pollution Control Board quarterly within one month of monitoring.</p>	<p>year. The report of the same for the PERIOD- DEC 2022 (POST-MONSOON), JAN-FEB -2023 (WINTER) & MAY-2023 is enclosed herewith for your ready reference. The same has been submitted CGWB. Regional Office, Nagpur.</p>																
<p>xii)</p>	<p>The company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring of water table indicates a declining trend. The project authorities shall meet water requirement of nearby village (a) in case the village well go dry due to dewatering of mine.</p>	<p>Noted for compliance. Rooftop rainwater harvesting has been provided at Nandgaon Mine in FY 2022-23. Further possibility if similar measures shall be explored.</p>																
<p>xiii)</p>	<p>Mine discharge water particularly TDS shall be treated to conform to prescribed levels before discharge into the natural environment.</p>	<p>TDS in mine wear discharge is within permissible limit. Copy of monitoring report enclosed.</p>																
<p>xiv)</p>	<p>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.</p>	<p>WCL is having occupational health committee at the corporate (HQ) level as well as at the unit (Area/Project level). 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. 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 Manna & Nandgaon Incline is as follows:</p> <table border="1" data-bbox="719 1648 1329 1984"> <thead> <tr> <th>Year</th> <th>Achieved PME</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>165</td> </tr> <tr> <td>2019</td> <td>130</td> </tr> <tr> <td>2020</td> <td>125</td> </tr> <tr> <td>2021</td> <td>118</td> </tr> <tr> <td>2022</td> <td>174</td> </tr> <tr> <td>2023</td> <td>303</td> </tr> <tr> <td>2024</td> <td>81 (upto May'24)</td> </tr> </tbody> </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 PME	2018	165	2019	130	2020	125	2021	118	2022	174	2023	303	2024	81 (upto May'24)
Year	Achieved PME																	
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2024	81 (upto May'24)																	


xv)	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series) and the report submitted to MOEF and its Regional office at Bhopal.	Complied. Land use monitoring through satellite imagery is carried out every three years and report of the same is uploaded on our website. The latest copy of such report is available at - http://www.westerncoal.in/images/Wardha_valley_CF_2022.pdf
xvi)	A final mine closure plan along with details of corpus fund shall be submitted to the Ministry of Environment & Forests 6 months of grant of environment clearance.	As per present production target the life of Manna Incline is Nil & Nandgaon Incline is 08 Years. A final mine closure plan 5 years in advance shall be submitted to the ministry of environment and forest for approval.
xvii)	The project proponent shall undertake a socioeconomic survey for identifying and taking up need based specific socio-economic activities/ programmes/ schemes, while are required in the area. Monitoring of the impacts of activities under CSR shall be carried out periodically. Educational centers shall be established in the area to create awareness and for organizing workshops, etc.	<ol style="list-style-type: none"> 1. Construction of 200 mt. road (WBM) at Arwal village under CD at HLSA = Rs. 2.78 Lakh 2. Providing & laying 100 mm dia G.I. pipeline from old manager office to HLC Basti No. 4 at HLSA = Rs. 4.88 Lakh 3. 3 Nos. bore well behind engineering collage and sai mandir Babupeth at HLSA = Rs. 1.60 Lakh 4. Construction of shed (Hal) at Shamchan Bhumi Pathanpura near Arwat village at HLSA =Rs. 1.47 Lakh 5. Extension & development of 2 Nos class room of Telgu high school = Rs. 5.36 Lakh 6. Providing cart concrete road from Mohurle house to Gourkm house at Babupeth under HLSA (under SC/ST Plan) = Rs. 1.75 Lakh 7. Provision of 4 No. Bore-well near sitaram Bhuhuriyu housa, pt Dindayal nagar Daya Nagar, Sai Baba Temple. = Rs. 2.06 Lakh 8. Malaing concrete road at Dhidsi Village under SC/ST = Rs. 4.67 Lakh Replacement of damaged drinking water G.I. pipe line from railway under bridge and old HLC bunker for basti No. 1,4,3 (under CSR) at HLSA, Rs. 13.79 Lakh Repair and tarleting of rope of HLC Telgu School (under CSR) at HLSA Rs. 1.25 Lakh Providing 2 nos hand pumps at Babupeth Gauri Talav ward near Boudha Vihar and near Mahakali Mandeer app. To Dr. Paliwar Hospital under HLSA Rs. 1.05 Lakh Construction of 2 No. Borehole of N. I. Village for drinking water to ----- Rs. ----- 10. Construction of community hall at Nandgaon village

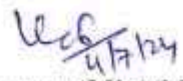
B.	General Conditions	Compliance															
i)	No. change in mining technology and scope of working shall be made without prior approval of the ministry of Environment & Forest.	The mine is running as per Coal Mines Regulations 1957 and circulars and guide line issued from Director General of Mines Safety Regular permission is taken from Director of Mines Safety and conditions of permission is strictly followed if there is change in mining technology prior approval of due ministry of environment & forest shall be taken.															
ii)	No change in the calendar plan including quantum of mineral coal and waste shall be made.	Noted															
iii)	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring SPM, RSPM, SO ₂ , NO _x . Location of the station shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultations with the State Pollution Control Board. Monitoring of heavy metals such as the As, Ni, Cd, Cr, in SPM and RSPM etc. shall be carried out at least one in six months	<p>Ambient air quantity monitoring stations are fixed within mining lease area in consultations with the state Pollution Control Board the locations are given below.</p> <table border="1" data-bbox="722 622 1276 918"> <thead> <tr> <th>Sr.No.</th> <th>Location Details</th> <th>Location Code</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Manager Office</td> <td>CNUA-1</td> </tr> <tr> <td>2.</td> <td>Residence</td> <td>CNUA-2</td> </tr> <tr> <td>3.</td> <td>Manna Incline</td> <td>CNUA-3</td> </tr> <tr> <td>4.</td> <td>Manna Village</td> <td>CNUA-4</td> </tr> </tbody> </table> <p>Regular monitoring is done by authorized CMPDIL, Nagpur & quarterly reports are submitted to state pollution control board.</p> <p>Ambient air quality report for the period March-2024 submitted vide email anoenv.cha@Coalindia.in & Monitoring report for heavy metals submitted for period Q.E. December. 2023 vide email anoenv.cha@Coalindia.in</p>	Sr.No.	Location Details	Location Code	1.	Manager Office	CNUA-1	2.	Residence	CNUA-2	3.	Manna Incline	CNUA-3	4.	Manna Village	CNUA-4
Sr.No.	Location Details	Location Code															
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3.	Manna Incline	CNUA-3															
4.	Manna Village	CNUA-4															
iv)	Data on ambient air quality (SPM, RSPM, SO ₂ , & NO _x and heavy metals such as the As, Ni, Cr. Etc) shall be regularly submitted to the Ministry including its Regional Office at Bhopal and the State Pollution Control Board and the Central Pollution Control Board once in a six months. Random verification of samples through analysis from independent laboratories recognized under the EP Rules 1986 shall be furnished as part of the compliance report.	Compliance /ATR:- The monitoring data on ambient air quality for October-2023 To March-2024 are enclosed herewith for ready reference. The same reports are regularly submitted to SPCB also.															
v)	Adequate measures shall be taken for control of noise levels below 85 dBA in environment. Workers engaged in blasting and drilling operations, operations of HEMM, etc shall be provided with ear plugs/muffs.	This is an underground mine and there is no HEMM. All machine & haulages, belt conveyors, Side discharge loaders are deployed in U/G. The noise level control measures in and underground working are (covered) under CMR 1957 as well as DGMS (Tech.) circular.															
vi)	Industrial waste water (Workshop and waste water from the mine) shall 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 & grease trap shall be installed before discharge of	This is an U/G mine and there is no HEMM. As such there is no workshop with washing facilities for HEMM.(Pit head workshop provided with lathe machine, hence there is no question of effluent from workshop. There for the regular providing oil & gas for workshop does not alive. The mine pumped out water is monitored every night as per EPA of 2000.															


	workshop effluents.	
vii)	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of the mineral shall be covered with tarpaulin and optimally loaded.	Vehicular emissions is under control vehicular used for transportation of mineral is strictly covered with tarpaulin and optimally loaded.
viii)	Appropriate measures shall be taken to avoid hazards of fire and explosions due to methane gas.	Complied
ix)	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyses through a laboratory recognized under EP Rules, 1986	Monitoring is being conducted through CMPDIL, Nagour – a NABL accredited laboratory. Monitoring is carried out at 4 Nos. of Air monitoring locations, 4 Nos. Water monitoring (Mine Discharge) and 2 Nos. Noise station Reports of the above are submitted to MOEF & MPCB regularly.
x)	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health succulence program of the workers shall be undertaken periodically to observe any contradictions due to exposure to coal dust and take corrective measures, if needed.	Since it is an underground mine and extraction of coal is done with hydraulic sand stowing maximum working faces remain wet. If any working face is found dry and dusty, it is sprayed with water with existing spraying arrangement. Adequate training and information on safety and health is regularly given to the workers. Moreover, the working environment in an underground coal mine is totally governed by the provisions of CMR-2017 and related technical circulars issue by DGMS from time to time. The implementation of all the provisions of control dust pollution of workmen as stipulated in the CMR-2017 (with special reference to this mine) are also monitored by training of workman enclosed in U/G working, the provision of Vocational Training Rules formed under Mines Act 1952 are adhered to the occupation health survey programme is also covered under statute and every worker is subjected to periodic medical examination once in 5 years and workers engaged in U/G mines and having age above 50 years are examined once in 2 years Based on the results of periodic medical examination appropriate medical care & assistance is given to the affected worker.
xi)	A separate environmental cell with suitable qualified personnel shall be set up under the control of a senior executive who will report directly to the head of the company	At project level Environmental Management cell is headed by Sub Area Manager and is assisted directly by project Nodal Officer (ENV) /SE at area level. At Area level, Area General Manger heads the cell assisted by Area Nodal Officer (ENV) and at W.C.L., H.Q. / Corporate level HOD(ENV) heads the environmental department assisted by multi disciplinary team of qualified and trained engineers.
xii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office at Bhopal.	Separate funds for environmental protection measures shall be kept and year wise expenditure for the same is reported through six monthly EC compliance reports.
xiii)	The Project authorities shall advertise	Complied.

	at least in two local news papers 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 information 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 website of the Ministry of Environment & Forests at http://envfor.nic.in .	July 2011 – Marathi – Mahavidarbha July 2011 – English – Hitawada July 2011 - Hindi - Mahavidarbha
xiv)	A copy of environmental clearance letter be marked to concerned panchayat /Zila Parishad/Municipal Corporation or Urban Local Body/local NGO. If any from whom and suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on the company's website	Copy of EC submitted to CO-NP/CHA & Sarpanch – Nandgaon Poda Vide : WCL/CHA/CGM/ANO/ENV/1052/1774 Dtd. 02/03-08-2009
xv)	A copy of clearance letter shall be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Centre and Collector's Office/Tehsildar's Office for 30 days.	Noted copy of EC submitted to Regional officer MPCB / Chandrapur vide; WCL / CHA / CGM / ANO / ENV / 1050/4589 dtd: 02/03-08-2009.
xvi)	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions (both in hard copy and in email) to the respective Regional Office of the MOEF, the respective Zonal offices of CPCB and the SPCB. The compliance status of the stipulated BC conditions shall also be uploaded by the project authorizes on their website and updated at least once every six months so as to bring the same in the public domain. The monitoring data of environmental quality parameters etc (noise and soil) shall also be displayed at the entrance of the project premises and mines office and in corporate office and on the company's website.	Compliance/ATR:- The six monthly compliance reports are regularly submitted to MoEF, Regional office both in soft copies. Last submitted vide Email: anoenv.cha@coalindia.in Dt: 16/12/2023 The monitoring data has been uploaded in company's website. The latest compliance status of EC conditions is being uploaded.
xvii)	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities	Full Co-Operation to the officers of the Regional Office shall be done by furnishing the requisite data/information monitoring Report

	shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.	
xviii)	The environmental statement for each financial year ending 31 st March in Form-V is mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MOEF by E-mail.	The environmental statement Submitted Online on MPCB portal vide; 1) UAN NO : MPCB ENVIRONMENT_STATEMENT-0000061411 dtd: -29.09.2023 for Manna Incline 2) UAN NO : MPCB-ENVIRONMENT_STATEMENT-0000061387 dtd: 29.09.2023 for Nandgaon Incline
3	The Ministry or any other competent authority may stipulate any further condition for environment 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 Environment (Protection) Act. 1986	Noted
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 (pollution) Act, 1986 and the Public Liability Insurance Act. 1991 along with their amendments and rules. The proponent shall ensure to undertake and provide for the cost incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.	Noted


Sr. Manager (Min)/Manager
Manna Incline


Chief Manager (Min)/Manager
Nandgaon Incline


Sub Area Manager
Hindustan Lalpeth Sub Area


Area Nodal Officer (ENV)
Chandrapur Area

A SALIENT FEATURES OF THE PROJECT

Name of Project	:	NANDGAON INCLINE
Capacity of Project	:	0.20 Million Te./Yr.
Capital Investment (2023-2024)	:	Rs. 22.30 Crores (As on 01.04.2024)
Life of Project	:	08 Years
Land Required	:	-----
No. of Seams/Seam thickness	:	Only one seam = 16.67 mtr.
Depth of Working (Maximum)	:	Minimum: 100.30 mtr. Maximum: 149.27 mtr.
Total Coal Production	:	5.906 Million Te. Since 1984 (up to 31.03.2024)

Name of Project	:	MANNA INCLINE
Capacity of Project	:	0.15 Million Te./Yr.
Capital Investment (2022-2023)	:	Rs. 6.04 Crores
Life of Project	:	NIL
Land Required	:	-----
No. of Seams/Seam thickness	:	Only one seam (Lalpeth Seam) = 17 mtr.(Avg.)
Depth of Working (Maximum)	:	Minimum: 67.50 mtr. Maximum: 140.50 mtr.
Total Coal Production	:	2. 695 Million Te. (Mine Production closed from July 2022) (Since March 1999 up to 31-03-2024)