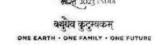


वेस्टर्न कोलफ़िल्डस लिमिटेड Western Coalfields Limited

(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

पताः वेकोलि, चंद्रपुर क्षेत्र, पो. बाबुपेट जि. चंद्रपुर, / Address: WCL, Chandrapur Area, Po- Babupeth, महाराष्ट, पिनः 442403 Dist: Chandrapur, MS, Pin-442403

Email: anoenv.cha@coalindia.in

FAX:- 07172-255287

संदर्भ संख्या:वेकोलि/चक्षे/क्षेमप्र/पर्यावरण/2024-25/ 267

दिनांक: 17.06.2024

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 <u>Hindustan Lalpeth Opencast Mine</u> of Chandrapur Area, WCL (As on 01.04.2024)

संदर्भ: EC letter No. J-11015/93/2005-IA-II(M) dtd: 03.03.2021

महोदय,

Please find enclosed herewith, Six Monthly Report against Compliance of Conditions of Environmental Clearance letter for <u>Hindustan Lalpeth Opencast Mine</u> of Chandrapur Area, WCL (As on 01.04.2024)

This for your kind information & necessary action please.

भ व दि य

क्षेत्रीय केंद्रस्थ अधिकारी (पर्यावरण)

वेकोलि, चंद्रप्र क्षेत्र

संलग्न: यथोपरी

प्रतिलिपी:

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

E.M.P. COMPLIANCE REPORT AS ON 01.04.2024

HINDUSTAN LALPETH OPEN CAST EXPANSION PROJECT



WESTERN COALFIELDS LIMITED CHANDRAPUR AREA

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वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited (मिनीरत्न कंपनी) (A Miniratna Company)

(कोल इंडिया लि.की अनुगंगी कंपनी)

A Subsidiary of Coal India Limited

उपक्षेत्रीय प्रबंधक का कार्यालय/ OFFICE OF THE DY.GM(M)/SAM

हिन्दुस्थान लालपेठ उपक्षेत्र चं.क्षे./ Hindusthan Lalpeth Sub Area CHA.

Email:- hlsubarea@gmail.com CIN: U10100MH1975GOI018626 फोन नं.का/o- 07172 225050, 255157

CIN : U10100MH1975GOI018626 Website : westerncoal.nic.in पंजी कार्यालय : कोल इस्टेट,सिविल लाईन्स नागपूर-440 001 Regd.Office : Coal Estate, Civil Line, Nagpur-440 001

संख्या : वेकोलि/चक्षे/हिलाउक्षे/उक्षेप्र/सिविल/ 83 6

दिनांक-

For preparation of this EMP Compliance report as on 01/04/2024 data collected from following department of Hindustan Lalpeth Opencast Mine project, Hindustan Lalpeth Sub Area of WCL, Chandrapur Area.

प्रबंधक (सिविल)

हिंदुस्तान लालपेठ सब एरिया

Ylgacis

खान प्रबंधक

हिंदुस्तान लालपेठ ओपनकास्ट माईन

प्राविषय उपक्षेत्रीय प्रबंधक हिंदुस्तान लालपेठ सब एरिया

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment & Forests-Regional Office (W), Bhopal

Monitoring Report

Data Sheet

No. WCL/CHA/HLSA/HLOCP/ DATE: 01.04.2024

1. Project type: River- valley/Mining/ **MINING**

Industry/ Thermal/Nuclear/Other (Specify)

2. Name of the Project HINDUSTAN LALPETH

EXPANSION OPEN CAST

3. Clearance letter (s)/ OM No. & date J-11015/93/2005. IA. II (M)

dt: 14.07.2006

4. Location

a) District **CHANDRAPUR** b) State MAHARASHTRA

c) Latitude/Longitude Lat.19 o- 53'-35" to 19 o-54'-33"

Long. 79 o-18'-04" to 79 o-19'-30"

5. Address for correspondence

a) Address of concerned Project Executive Sub Area Manager, WCL, Project Chief Engr. (With Pin code) Hindustan Lalpeth Sub Area

P.O. Lalpeth Colliery, Chandrapur

(M.S.)

b) Tel. /telex/Fax Ph. 07172-225157, 225158

6. Salient features

a) Of the project Enclosed as A b) Of the Environmental Management Plans Enclosed as B

7. Breakup of the project area 311.66 Ha as on 01.10.2023

a) Submergence area: forest & non forest Not Applicable

b) Others

Forest land 72.22 Ha Govt. Land 138.61 Ha Agri. land 100.83 Ha TOTAL 311.66 Ha

8. Breakup of the project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only,

both dwelling units & Agricultural land &

133 land only & 140 Homestead only

landless laborers/artisan

a) SC, ST/ ADIWASI : 564 (Tribes)

b) Others : NIL

(Please indicate whether these figures are based on any scientific and systematic survey carried Record out or only provision figures, if as survey is carried out give details and years of Survey) As per 2001 Census/ Latest Available

9. Financial details:

a) Project cost as originally planned : Rs. 11.88 crores in 1982

and subsequent revised estimates : Rs. 19.89 crores (RCE in 1987)

and year of price reference

b) Allocation made for environmental : Rs. 1.26 crores provision management plans with item wise and Details enclosed as B

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 roject so far HLOCP as on 31.12.2019) : Rs. 57.13 crores (Capital Expenditure on

f) Actual expenditure incurred on the : Capital- Rs. 675.33 Lakhs (progressive)

and environmental management plans

Revenue- Rs. 576.37 Lakhs

(progressive)

10. Forest land requirement : Forest land of 72.22 Ha acquired vide

a) The status of approval for diversion of Sanction no: F.No.8-115/95 FC/1480

forest land for non-forestry sanction dt: 8.05.2001.

Stage I clearance received for Forest land of 36.98 Ha for expansion (Ref. No.

F.No. 8-115/1995-FC (Vol.) dt.

16/4/2018). Copy attached as Annexure -

L.

b) The status of clearing felling : NOT APPLICABLE

c) The status of compensatory : Rs. 457.03 lakhs towards compensatory

a forestation, if any afforestation & other charges

d) Comments on the viability & sustainability of compensatory

a forestation program in the light of : NOT APPLICABLE

actual field experience so far

11. The status of clear felling in non-forest areas (such as reservoir, approach roads), if any with quantitative information

if any with quantitative information : NOT APPLICABLE

12. Status of construction

a) Date of commencement (Actual and/

or planned) : August 1985

b) Date of completion (Actual and /or

planned): Approx 8 years for expansion project

13. Reasons for the delay if the project is yet to start: -----

14. Dates of site visits

a) The dates on which the project was monitored by the Regional Office on

previous occasions, if any.

b) Date of site visit for this monitoring report : NOT APPLICABLE

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)

for logistic support for site visits)

MoEF BHOPAL

(The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently) Not yet monitored

MoEF Letter No. 45/2006(ENV)/1574 dt. 30/31.8.2006 of Addl. Director(S)-

(A) SALIENT FEATURES OF THE PROJECT

Name of project : Hindustan Lalpeth Opencast Expansion Project

Capacity of project : 1.00 Million Te./Yr.

Capital Investment : Rs.19.89 Crores

Life of project : 8 Years (approx. for expansion project)

Land Required : 311.66 Ha. (As per EMP)

Quarry/Excavation Area. : 103.40 Ha

No. of Seams/Seam thickness : No.1 seam 16 m.

Depth of Working (Maximum) : 143 M (BGL)

Total Coal Production : 0.487 Million Te. from 01/10/2023 to 31.03.2024

Total Over Burden removal : 3.809 Million cum. From 01/10/2023 to 31.03.2024

Stripping Ratio : 1:4.75 (including R.H.)

Environment Provision : Rs.126.40 Lakhs

Including R & R

(B) Silent Features as per EMP

Name of Project / Area : Hindustan Lalpeth Opencast Expansion Project

W.C.L. - Chandrapur Area

Location and Address : Sub Area Manager,

Hindustan Lalpeth Opencast Expansion Project,

P.O. Hindustan Lalpeth Colliery

Dist. Chandrapur (M.S.) PIN CODE: 442507

Original Production : 0.487 Million Te. (from 01/10/2023 to 31.03.2024)

Expansion Production : 1.00 Million Te./Yr.

Total Lease Area : 311.66 Ha.

Agricultural (Tenancy land) : 100.83 Ha.

Grazing land (GOVT.) : 138.61 Ha.

Forest Land : 72.22 Ha.

Capital Cost : Rs. 19.89 Crores

Environmental Clearance for 1.00 Million Te./Yr.

Coal production vide letter no: J-11015/93/2005.IA II(M), dt: 03/03/2021.

Copy enclosed as Annexure-I

Consent order No. :- Format 1.0/CC/UAN No.MPCB-CONSENT-0000108131/CR/2204000649

Date :- 12.04.2022.

Copy enclosed as Annexure-II (a)

Application of renewal CTO no.: MPCB-CONSENT-0000194241

dtd: 13.01.2024 upto 31.03.2025 Copy enclosed as Annexure-II (b)

PRESENT STATUS OF PROJECT WORK PROGRESS

PART - I

Name of the project	HINDUSTHAN LALPETH OPENCAST EXPANSION MINE	
Location	At P.O. Lalpeth Colliery, Tahsil - Chandrapur, District - Chandrapur,	
	Maharashtra State	
Address for correspondence	Sub Area Manager, HindusthanLalpeth Sub Area, P.O.:	
	HindusthanLalpeth Colliery, Dist.: Chandrapur (M.S.) PIN - 442 507	
MoEF's Clearance No. & Date	J- 11015/ 93/ 2005. I A. II (M), dt: 03/03/2021	
Period of Status Report	01.10.2023 to 31.03.2024	
Date of Submission of Last	22 12 2022	
Report	23.12.2023	
Year of Commencement of	1005	
Project	1985	

STATUS OF LAND ACQUISTION

TYPE OF LAND TOTAL	REQUIRED AS PER EMP (In	ACTUAL AREA ACQUIRED AS ON	
	Hectares)	01.10.2023 (In Hectares)	
FOREST LAND	72.22	72.22	
GRAZING LAND	138.61	138.61	
AGRICULTURAL LAND	100.83	100.83	
TOTAL	311.66	311.66	

PRESENT STATUS OF LAND USE PATTERN (All figures in Hectares) as on 01.10.2023

Sr.	PARTICULARS	As per	As on	01.04.2023	Progressive
no.		Mining	1.10.2023	to	(As on
		Plan (in Ha)		30.09.2023	01.10.2023)
1	Excavation area	146.77	103.40		103.40
2	External OB Dumps	73.10	67.10		67.10
4	Infrastructure	10.36	10.36		10.36
6	Undisturbed area, Safety zone, others	81.43	130.80		130.80
	Total	311.66	311.66		311.66

STATUS OF LEGAL COMPLIANCE

Α	Consent under Water (Prevention & Control of Pollution) Act	Consent order No. Format 1.0/CAC/UAN No. 0000108131/CR-2204000649 Dtd. 12.04.2022. The Consent was valid upto 31.03.2023 Copy enclosed as Annexure – K Application for renewal of CTO: MPCB-CONSENT-0000194241 dtd: 13.01.2024 Annexure – K 1
	Consent Fees under Water (Prevention & Control of Pollution) Act	Consent Fees paid up to 31.03.2025.
В	Environment (Protection) Act	Project has been accorded Environment Clearance by MOEF for 1.00 Million Te./Yr. on 03/03/2021. copy enclosed as Annexure-J Environment Statement Submitted for 2022-23 vide UAN No. MPCB-ENVIRONMENT-STATEMENT-0000061335 DATED 29/09/2023. Copy enclosed as Annexure-L
С	Forest (Conservation) Act	i) Forest Land of 72.22 Ha acquired vide sanction no. 8-115/95-FC/1480 dt. 8.5.2006 ii) Stage I clearance received for Forest land of 36.98 Ha for expansion (Ref. No. F.No. 8-115/1995-FC (Vol.) dt. 16/4/2018). Copy attached as Annexure-M.

PART – II

	AIR POLLUTION CONTROL	STATUS OF ENVIRONMENT
<u>A</u>	No. of Ambient Air Monitoring	Stations 04 No. s (Fortnightly)
<u>B</u>	* Details of Locations Location code	Location code
1	VTC of Hindustan Lalpeth Colliery	CHOA-1
<u>2</u>	Manna Village	CHOA-2
3	Between Phase-I & II Seasonal Mine	CHOA-3
4	Colony (Nandgaon)	CHOA-4
<u>C</u>	** Ambient Air Quality Status for the	4 Stations + 3 Fugitive dust monitoring stations
	Parameters prescribed by State Pollution Control	
	Board.	
	A1: CHOA-1	At present at HLOCP, the monitoring results at
	A2 : CHOA-2	4 stations mentioned above during October-
	A3 : CHOA-3	2023 to March-2024 shows that most of the
	A4 : CHOA-4	values are within permissible limits and reports are enclosed herewith.

^{*} Location of the Sampling Stations has been delineated on the Working Mine Plan Enclosed.

Laboratory: CMPDIL's Report during October- 2023 to March-2024 is enclosed as Annexure-N.

	NOISE POLLUTION CONTROL	
<u>A</u>	No. of Noise Monitoring Stations	02 Nos.
<u>B</u>	** Description of Locations & dB (A) Value	CHON-1 CHP & CHON-2 Colony
<u>C</u>	Average Concentrations of Major Pollutants	From the analysis reports it can be seen that all
	prescribed by State Pollution Control Board	parameters are well within the permissible limits

^{**} Detailed Report of Noise Monitoring as per the Statute is enclosed for October- 2023 to March-2024.

Annexure-N

^{**} Detailed Report of Sampling & Analysis of Ambient Air Quality as per the Statute of Standard & Approved

PART - III

STATUS OF IMPLEMENTATION OF PROVISIONS OF EMP AS ON 01.04.2024

Sr.	PARTICULARS	01.10.2023 to	Progressive
No.		31.03.2024	
1	Area Excavated (Hectares)	Nil	103.40 Ha
2	Overburden Removed (MM3)	3.787	76.575 MM3
3	Overburden Back-filled (MM3)	4.241	49.030 MM3
4	Overburden Dumped/ Embankment (MM3)	0.042	27.936 MM3
5	Area recovered under back filled (Hectares)	Nil	3.442 Ha
6	Area Reclaimed Biologically (Hectares)	Nil	3.442 Ha
7	Annual; Production: (Coal in M. Te. OBR in MM3	Coal :- 0.487 from 01.10.2023 to 31.03.2024	
	targeted Capacity: 1.00 Million t/ Year	OBR :- 3.828 MM3 from 01.10.2023 to	
		31.03.2024 including Re-handling.	

AFFORESTATION (No.s):

Sr.	LOCATION	Current Year	Progressive
No.			
	Dumps Embankments	Nil	182502
	Safety Zone	12500	20500
	Backfilled Area	Nil	10410
	Other Area	Nil	4720
Area under plantation		Nil	73 Ha.
No. of plants per Hectare		2988	
Species planted		Acasia, Shivan, Mango, Teak, Bamboo, Gulmohar, Karanji,	
		Shishoo, Behada, Neem, Kadam etc.	

REHABILITATION & RESETTLEMENT

The Actual position as on 31.03.2024 is as follows.

- 1. COMPENSATION FOR LAND ACQUIRED a. Land has been acquired from 133 members of families & all have been paid Land Compensation.
- 2. Out of these 133 families, employment has been provided to 93 nominees eligible as per Company norms. & 36 nos. of families have been paid Rs. 86.48 Lakhs as monetary compensation in lieu of employment. Balance for families were evacuated on 29-05-2009 and paid compensation of Rs.3.04 Lakhs and shifted to resettlement colony near Chandrapur Ballarpur Bypass.

Organization set up at Project Level (Name &	Shri. Tarun Devra, S.A.M., HLSA
Designation of the Personnel to be given)	Shri. Abhishek Goyanka, Sub Area Engineer. (Civil),
	HLSA

EXPENDITURE: CAPITAL

EXPEN	EXPENDITURE ON POLLUTION CONTROL MEASURES AT HLOCP as on 01.04.2024			
Sr.No.	Head	Rs. In lakh		
		rupees		
1	Mist Sprinklers in CHP	0.89		
2	Fixed sprinklers in Haul Road	3.22		
3	Black Topping of roads	5.00		
4	RCC Pavement near Weigh Bridge	2.50		
5	Work shop ETP	15.47		
6	Sedimentation Pond	3.03		
7	Fixed sprinklers in workshop area	0.75		
8	Addl. Sedimentation pond	1.85		
9	Coal Transportation road from CHP to Area Hospital Junction HLOCP	308.08		
10	Mist generation system at CHP &Weigh bridge	6.04		
11	P/ laying HDPE pipe 100 mm dia from River bed quarry to washing ramp	9.87		
12	Providing dust suppression arrang. with sprinkler along road side and siding	7.09		
13	Acid mine water treatment plant	7.58		
14	Retaining wall	105.35		
15	Strengthening of sand transportation road from Area hospital junction	23.90		
	towards Pathanpura gate			
16	Construction of haul road at HLOC mine	13.15		
17	Providing G.I. sheet covering for conveyor gantry at HLOCP	10.00		
18	Strengthening of coal transportation road at HLOCP	20.00		
19	Construction of RCC Overhead Reservoir for water supply to nearby villages	23.00		
20	Construction of Metallic curtain at HLC Siding	108.56		
	Total	675.33		

EXPENDITURE: REVENUE (In Rupees)

ACCOUNT HEAD	CURRENT YEAR 01/10/2023 to 31/03/2024	PROGRESSIVE
Afforestation	Nil	Rs. 187.09 Lakh
Air Pollution Control(O & M of 2 Mobile Tankers, Installation of sprinkler at C S Y & weigh bridge area, Replacing GI sheet roofing)	Rs. 4.14 Lakh	Rs. 208.82 Lakh approx.
Water Pollution Control (O & M of ETP, Sedimentation pond)	Rs. 0.70 Lakh	Rs. 50.93 Lakh approx.
Collection & Disposal of Hazardous waste	Nil	Rs. 1.13 Lakh
Monitoring (01.10.2020 to 31.03.2021)	Rs. 8.14 Lakh	Rs. 74.22 Lakh
Legal Expenses (Consent Fees paid for 1.04.2021 to 31.03.2024)	Rs. 3.00 Lakh	Rs. 47.05 Lakh
Environmental Audit + Water Cess	Nil	Rs. 5.47 Lakh
Others (JVS by MPCB)	Rs. 0.12 lakh	Rs. 5.80 Lakh
TOTAL	Rs. 15.26 Lakh	Rs. 576.37

PART-IV

Project: HINDUSTAN LALPETH OPENCAST EXPANSION PROJECT

Environmental Clearance: FOR COAL PRODUCTION CAPACITY OF 1.00 M Te/Yr

Ref. No.: IA-J-11015/93/2005. IA. II (M) dt: 03rd March, 2021

Compliance Report: 01.10.2023 to 31.03.2024

COMPLIANCE REPORT AGAINST ENVIRONMENTAL CLEARANCE

Sr. No.	A. Specific Conditions	Compliance		
i	PP shall implement rain harvesting mechanism in order recharge the ground water or as water conservation measure in addition to the proposed structure	In FY 2022-23, rainwater harvesting structure has bee constructed at Nandgaon Office. Further, Rain Water Harvesting Structure to be built at 88.02 SqmServic building at HLOC Mine covering an area of 114.75 sq.r during 2024-25 Ground water monitoring is carried out regularly for		
ii	PP shall carry out regular monitoring of Ground water level and quality.	monitoring of Water levels and quality and report submitted to Regional Office of MoEF& CC and CGW The monitoring is carried out four times a year in t buffer zone of the mine.		
iii	Effective safeguard measures for prevention of dust generation and subsequent suppression like regular water sprinkling shall be carried out in areas prone to air pollution. The Fugitive dust emission from all sources shall be regularly controlled by installation of required equipment's. it should be ensured that air pollution level confirm to the standards prescribed by the MOEFCC/CPCB.	Following arrangements have been made to curb fugitive emissions and Air Pollution as a whole: CHP has been provided with GI Sheet Cladding. O1 mobile tanker of Capacity 10 KL (Contractual) for mine premises & Coal transport road. O1 Fog cannon installed near CHP &Weigh bridge. 02 fog canons are provided at at HLC railway Siding. Additional 02 fogger canons are likely to be procured in FY 2024-25 Regular water sprinkling by Mobile tanker (Contractual) on haul road. Proposal for procurement of 01 No. CAAQMS under process. Proposal for additional sprinklers is under process.		
iv	The PP shall submit time bound action plan to the concerned Regional Office of Ministry within 6 months from the date of issuance of EC for undertaking the activities committed during the Public Consultation.	Complied. ATR has already been submitted and complaints raise during the PH has been resolved.		
V	PP shall install two continuous air quality monitoring station and made operation by December 2021 and the real time data so generated to be uploaded on company website. In addition, data should also be displayed digitally at entry and exist gate of mine lease area for public display.	Work is in progress for the installation and commissioning of 01 CAAQMS at Nandgaon Substation. The commissioning is likely to be completed by 15.06.2024.		
vi	Adequate effectiveness of EMP should be analyzed in the offset/hike of air pollution data from continuous monitoring station and quarterly report shall be generated and submitted with 6 monthly compliance report to RO, MoEF& CC.	Noted Presently, ambient air quality monitoring is done on fortnight basis. The Quarterly report of the same is being submitted to the MoEF& CC and SPCB regularly. Once the CAAQMS becomes operational the adequate		

vii	Continuous monitoring of Occupational health safety and other health hazards and the corrective actions need to be ensured.	
viii	5 nos. of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution	3 fog canons with 100 m throw capacity have been deployed at CHP and railway siding. Further, procurement of additional 02 foggers is under process and the same shall be commissioned in FY 2024-25
ix	Water quality and Bioassay test of Erai River shall be monitored quarterly and submitted to State Pollution Control Board. No water shall be discharged in river without treatment	Water quality and bioassay test of Erai river is carried out on regular basis and reports are submitted to MPCB (Annexure-Q1) Water is allowed to settle in mine sump and then supernatant water is allowed to pass through sedimentation tank for settling suspended particles if any. Water Quality is monitored fortnightly and reports are submitted to Regional office, MoEF&CC on monthly basis.
X	Project proponent to plant 150,000 nos. of native trees with broad leaves along the periphery of habitation/villages to prevent the effect of air pollution. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer.	Noted for compliance. 12500 nos. of saplings have been planted along mine periphery in FY 2021-22 and FY 2022-23 each. Further plantation in the mine is possible only after OB dumping reaches the designated height.
xi	Project Proponent shall obtain blasting permission from DGMS for conducting mining operation near villages and also explore deployment of rock breakers of suitable capacity in the project to avoid blasting very near to villages. There shall be no damages caused to habitation/structures due to blasting activity.	Permission for control blasting within blasting zone is in under process. Blasting is being conducted with control blasting technique to avoid damage due to blasting.
xii	The Project Proponent shall complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. State Government shall ensure that the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of2014 in the matter of Common Cause versus Union of	Noted for compliance. No illegal mining is carried out in the project. Production of the mine has always remained below the EC limits.

	India and Ors.	
xiii	Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India &Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEFCC.	Presently the mine is in operation and has a life of 8 years as per Latest RPR/MCP approved by Board on 30.09.2020

Sr	A. Specific Conditions	Compliance
.N		
о.		
i	All the conditions stipulated by MPCB in their NOC shall be effectively implemented	All the conditions stipulated by MPCB in their NOC are being implemented
ii	The embankment constructed along with the boundary with the River Erai shall be of suitable dimensions and stabilized with Plantation to withstand the peak water flow and prevent mine inundation	The embankment around the Erai river has been constructed at the starting of mine which is sufficient strengthened and already plantation has been completed and green belt has already been developed. The embankment is constructed on hard strata and there is no condition of water to enter into mine area. It has parameters as follows; Top length average760 mtr Bottom width average180 mtr Top RL196 mtr H.F.L180.267 mtr on 15.9.1959

O.B. dumps should be stacked earmarked dump site(s)only and should not be kept active for long period. Proper terracing of OB dump should be carried out so that the overall slope will come down to 28 degree. Monitoring and management of rehabilitated areas should continue till the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests on yearly basis.

The project has dumped external over burden in mining leasehold area and the dump has been made in two stages. The site slope has been already maintained in 1:2 ratio Plantation has been carried out over external OB dumps to ensure stability of the dumps. Details of plantation over OB dump are given below:

Sr.	Name of Dump	Area	Ht.	Slope
no		(in	min.	
		Ha)	(m.)	
1	Near weigh bridge			
2	South of Siddharth	2.64	5.75	1:2
	nagar			
3	Near Area Hospital	7.0	18.9	1:2
4	RK office to JJ -Site	33.33	23.5	1:1.8
5	South of Manna	38.40	26.0	1:1.8
	Incline			
6	North of Manna	10.93	22.25	1:2
	Village			
	TOTAL	205632	no.s tree	s planted
		over 6	8 Ha. aı	rea with
		species	like teal	k, neem,
		Haldu,	karanj,	cassia,
		Kadam	etc.	

iv Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted and maintained properly. Garland drains of appropriate size should be constructed, so to collect surface run-off from the OB and waste dump site(s) and taken to settling pond before discharge.

For existing Lalpeth Open Cast Mine, garland drain, Catch drain size (3.50 mtr x 2.50 mtr) is constructed around periphery of mine for a total length 4.10 km so as to arrest silt and sediment flow from OB dumps and mine. The Water collected is used for dust Suppression, Green belt maintenance etc.

The garland drain around the mine & OB are desilted and maintained on regular basis before onset of monsoon and during monsoon.

of dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data.

A retaining wall along toe of OB dump at HLOC was constructed to prevent deposition of O.B. into nearby river. The wall was constructed in two parts A: 290.00 m. and B: 60.00 m. Height of the wall: 3 m. above G.L. Picture of the same attached in **Annexure-U**

Crushers at the CHP should be operated with high efficiency bag filters, water sprinkling system should be provided to check fugitive emission from crushing operations, conveyor system, haulage

In existing HLOC, CHP has been provided with 13 nos of mist sprinklers to arrest the dust emission. To arrest the dust from discharge point and from conveyor belt we have provided side cladding on both sides of conveyor and mist sprayers on the conveyor belt.

	roads, transfer points etc.	suppr 1 no d for du	of mist fogger canon canon has ression at CHP. of Mobile tankers of 10 KL capacast suppression from transfer pore of the same attached as Anne	city has been deployed pints, around CHP area.			
vii	Drill should be wet operated	Mine is being run by H.O.E. (Hiring of Equipment) as per approved P.R. During operation of mine, wet drilling is done as per the condition. This is being ensured by including use of wet drilling technology as one of the terms and conditions in the contract for HOE.					
vii i	Control blasting should be practiced with use of delay detonators and only during day time. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented.	In HLOC mine, as per the statute, controlled blasting operations with shock tubes & delay detonators is done in day time with limited charge per delay and charge per hole.					
ix	A progressive afforestation plan shall be implemented which includes reclaimed external OB dump (118 Ha) back filled area (12 Ha.) along ML boundary (5ha) along roads and infrastructure (5.15 ha), embankment, vacant land (5ha) and in area in township located outside the lease	cover dump done	Till date, 218132 nos. of saplings have been planted covering an area of 73 Ha. at various locations viz. OB dumps, backfilled area etc. The details of the plantation done are given in the below table:				
		Sr. no	Name of Dump	Area			
	by planning native species in consultation	1	Near weigh bridge.	0.6 Ha			
	with the local DFO/Agriculture	2	Near Siddharth nagar.	3.8 Ha			
	Department. The density of the trees	3	Near Area Hospital.	12 Ha			
	should be around 2500 plants per ha.	4	RK office to JJ –Site.	33.6 Ha.			
		5	South side of Manna Incline	35 Ha.			
		6	South side of coal stock	12.70 Ha.			
		7	Near coal stock yard heap no.4	16.3 Ha.			
		8	Near Nandgaon sand bunker and bank of Erai river near bridge	12.00 Ha.			
		9	Behind dump near Jagannath Baba Math. & along the road near Nandgaon sand bunker	10.80 Ha			
		10	Along river bed near Jagannath Baba Math	5.00 Ha.			
		11	Near Mana village, adjacent to old quarry	5.00 Ha			
			TOTAL (Progressive)	218132 nos. trees planted over 73 Ha. area with species like teak, neem, Haldu, karanj, casia, Kadam etc.			
Х	Of the excavated area of 77.21 ha. an area	At pre	esent the HLOC Mine is in develo				

xi	of 18 ha shall be back filled and reclaimed with plantation(12 ha) and the balance 47.21 ha which is being converted into a water reservoir and peripheral fencing should be constructed. The upper benches of the void shall be gently stopped and shall be stabilized by plantation/afforestation by planting native plant specifies in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha. The company shall obtain approval of CGWA/CGWB Regional Office for use of ground water if any, for mining operation	Till date, an area of 103.4 Ha. has been excavated and back filling work is in progress. At present an area 3.442 Ha land that is biologically reclaimed after backfilling up to ground level. Remaining area of 93 ha will be backfilled by the end of mine life. Balance 38 ha. of mine void will be used as water reservoir/ water recharge structure after the closure of mine with peripheral fencing around it. Regarding stabilization and plantation of OB dumps, it is submitted that, OB dumps with average height of 17 m have been stabilized and about 182502 nos. of saplings planted over the OB Top & Slope. Ground Water NOC obtained from CGWB vide NOC No.CGWA/NOC/MIN/ORIG/2022/14710 dtd: 03.03.2022 Valid upto 02.03.2024 enclosed as Annexure-O. Further renewal of the NOC is under process with CGWA.
xii	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 & Forest and to the Central Pollution Control Board quarterly within one, month of monitoring.	The monitoring of the ground water level is being carried out four times a year by establishing network of exiting well & quality analysis is being done once a year during non-monsoon season as per the EC condition. Monitoring reports are submitted to MOEF and RO, CGWB, CPCB on regular basis. Copy of latest report enclosed as Annexure-P.
xii i	The company shall put up artificial ground water recharge measures for augmentation of ground water resource. The project authorities should meet water requirement of nearby villages in case the village wells go dry du to de-watering of mine	The HLOC Mine has developed in two parts one is south quarry and another north quarry. As per the approved mining plan/EMP, southern quarry will be backfilled and northern quarry will be used as groundwater recharge structure or storage structure of water. This will help in improving the water table and water requirement of nearby villages during water scarcity months are met from the project by supplying water through tankers. Also an overhead reservoir has been constructed for supply of the stored ground water to nearby villages.
xi v	Sewage treatment plant should be installed in the existing colony. ETP should also be provided for workshop and CHP waste water.	There is no Colony for HLOC manpower. The man power of the HLOC is settled in nearby township of HLC &Nandgaon Incline Colony which is provided with Septic tank followed by soak pit. Office establishments and service buildings are provided with Septic tank followed by soak pits. For treatment of effluent from workshop, ETP of capacity 75 KLD exists.
XV	Besides carrying out regular periodic health checkup of their workers 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health checkup for	In HLOC Mine, for both the departmental & contractual manpower engaged in the active mining operations and ancillary operations, health check-up is being done before induction i.e. IME and periodically i.e. PME once in 3/5 years by WCL's Area Hospital, Chandrapur. Around 33.33% (>45

years) & 20% (<45 Year) of the employees are sent for P.M.E occupational disease hearing impairment, if any, through an agency such every year and the details are submitted to DGMS. The as NIOH, Ahmadabad within a period of following are the details of Deptt. Employee & Contractual one year and the results reported to this Manpower sent for PME in last 5 years: as per Annexure-Q. Ministry and to DGMS. Sr. No. of Contractual Year no. employees Manpower 121 04 1 2018 2 2019 72 02 3 00 2020 64 4 2021 57 63 5 2022 184 81 6 2023 84 144 Digital processing of the entire lease area Digital processing of entire lease area using Remote sensing ΧV using remote sensing technique should be technique is being done once in 3 years and submitted to done regularly once in 3 years for RO, MoEF& CC along with half yearly compliance report and monitoring land use pattern and report these reports are uploaded on to the Company Website at submitted to MOEF and its Regional Office http://www.westerncoal.in/images/Wardha valley CF 202 at Bhopal. 2.pdf Latest Digital processing report for the year 2022 for HLOCP is attached as Annexure-R. A final mine closure plan along with details Mine Closure Plan (MCP) of Hindustan Lalpeth OC was χV of Corpus Fund should be submitted to the approved by WCL board vide letter dated 06-02-2014 as per Ministry of Environment & Forest within 6 the guidelines of MoC, GoI dated 27-08-2009 & 07-01-2013. The MCP was submitted to MoEF& CC along with Half yearly months for approval. Compliance. Total Corpus as per the approved MCP is 3076.24 Lakhs. As per the guidelines, Escrow Account has been opened for the Mine with Punjab National Bank (PNB) Escrow Account No. 08973161003321 (Original) Escrow Account No. 0897107600001984 (Renewed) Total Amount Deposited till date 31.03.2024 is Rs. 32,32,85,815.41/-Consent to operate shall be obtained Consent has been obtained and the same is renewed ΧV periodically. Consent order No. Format 1.0/CAC/UAN No. before expanding mining operations. 0000108131/CR-2204000649 Dtd. 12.04.2022 valid upto 31.03.2023 Renewal of consent Application no. :- MPCB-CONSENT-0000163418 Date: 25.02.2023 Renewal is under process with MPCB for period upto 31.03.2025

В	General Conditions	Compliance		
i	No change in mining technology and scope	Noted for compliance.		
	of working should be made without prior	During mining, Dumper - Shovel combination is used as per		
	approval of the Ministry of Environment &	the approved Mining Plan and EMP.		
	Forests.			
ii	No change in the calendar plan including	In general, mining is done as per the approved Mining		
	excavation, quantum of mineral coal and	plan/EMP		

	waste should be made			
			ion data for last 5 yea	
		Financial Year	Coal (Mill. Tonne)	OB (Mm3)
		2018-19	0.00	0.00
		2019-20	0.00	0.00
		2020-21	0.00	0.00
		2021-22	0.457	4.377
		2022-23	1.00	3.742
		2023-24	1.00	5.20
iv	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO2, NOx & CO 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. 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, and dump trucks (loading and unloading) points should be provided and properly maintained.	established in the core buffer zone for RPM, monitoring. Location d be decided based I data, topographical vironmentally and tive targets in the State Pollution ons (SPM and RPM) should be controlled and data recorded ving arrangement on loading, and dump unloading) points established as per metrological data topographical setablished as per metrological data topographical feat & environmentally sensitive targets (like habitation) consultation with MPCB. The details of the AA monitoring stations are placed below: I) Manager Office (Nandgaon) ii) Manna village iii) Manager Office (HLPOC) iv) Colony (Nandgaon). Monitoring is being carried out every fortnightly as per 742 (E)/ Coal industry standards. The following measures are commissioned to mitigate pollution due to mining operations: a) 3 nos of rainguns in CHP/Weigh bridge area b) 1 no. of mobile tankers are in operation for supraying on coal transport road and CHP premises. c) Mechanical sweeping machine has been commission		
V	Data on ambient air quality (RPM, SPM, SO2, NOx, CO) should be regularly submitted to the Ministry including its regional office at Bhopal and the States Pollution Control Board / Central Pollution Control Board once in six months	been fixed and are be The data on ambient	•	arterly basis. Ig which is carried TO MPCB & MOEF
vi	Adequate measures should be taken for control of noise level below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operations of HEMM, etc. should be provided with ear plugs/muffs	maintenance of all engaged in the activ PPE, protective gears out. Noise survey is be	ccessive noise during HEMMs is being e mining operations namely ear plugs & neing done regularly b nder permissible limit	done Manpower are provided with muffs are carried y noise meter and
vii	Industrial waste water (workshop and waste water from the mine should be properly collected, treated so as to conform the standard prescribed under GSR422(k)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.	Monitoring of mine of being done once in reports being submit regular basis vide efacilities commissioned. Workshop ETP (75 settling tank, drain, of clear water tank. At pideployed in the mine	discharge water & ETF fortnight as per GSF tted to RO, MoEF& mail. The details of ed are given below: 5 KLPD capacity) is poil & grease trap, sediresent, there is no depresent, there is no depresent.	P effluent water is R 742 (E) and the CC and MPCB on water treatment rovided with pre- mentation tank & partmental HEMM

			-			7 m X 2 m
viii	Vehicular emission should be kept under control and regularly monitored. Vehicles used for transporting the mineral should be covered with tarpaulins and optimally loaded.	followed by 150 m long typha plantation. Vehicles used for transportation is being covered with tarpaulins and optimally are loaded. PUC is mandatory for LMV and coal transportation trucks.				
ix	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.	CMPDI is Environmen team of Eng	Environmental Laboratory with qualified multidisciplinar team of Engineers along with adequate number of field staffor carrying out environmental monitoring works of WC			
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.	Projects Personal Protection equipment, safety gears like dust mask: Helmets, safety boots, goggles are provided to workme working in the active mining and ancillary operations as per DGMS specification. The workers are regularly given training on safety & health aspects (Statutory requirement under Mines Act). Approx. 1/3 workers (above 45 years) & 1/5 workers (below 45 years) of HLOCM are sent for periodical Medical Examination every year under Health Surveillance Program (Periodical Medical Examination).				tions as per iven training ment under rkers (below cal Medical
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, Environmental management Cell is headed by Sub Area Manager & is assisted directly by Project Nodal Officer (Env)/ Mgr (Civil). At Area level, General Manager (OPR) heads the cell assisted by Area Nodal Officer (Env). At WCL HQ/Corporate level, HOD (Env) heads the Environment department assisted by multidisciplinary team of qualified & trained Engineers.				
xii	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to this Ministry and its Regional Office at Bhopal.	measures as purpose. The details	re kept sepa of expendi	arate & are	not used for capital hea	or any other and & under
	Williastry and its Regional Office at Shopan	Year	(La	Allocated khs)	. (La	re Incurred khs)
			Capital 285.33	Revenue	Capital 108.56	Revenue
		2023-24	(Area)	-	(HLOC)	-
		2021-22	196.02	2256.71	6.61	1221.32
			(Area) 6.00	(Area) 452.37	(HLOC)	(Area) 357.81
		2020-21	(HLOC)	452.37 (Area)	(HLOC)	(Area)
		2019-20	31.05	484.40	31.05	354.15
			(HLOC)	(Area)	(HLOC)	(Area)
			4.50	297.90	0.00	264.07
			(HLOC)	(Area)	(HLOC)	(Area)

5.80

(HLOC)

2017-18

(Area)

531.00

(Area)

4.80

(HLOC)

275.66

(Area)

xiii	The Regional Office of this Ministry	Noted for compliance.
	located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the officers of the Regional Office by furnishing the requisite data/information/ monitoring reports.	Full co-operation from Project authorities will be extended to RO, MoEF& CC, Nagpur/Bhopal by furnishing the requisite data/information/monitoring reports.
xiv	A copy of the 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 E.C. letter submitted to C.O., Nagar Parishad, Sarpanch Arwat&Charwat Villages vide: 1357/1133 dt;16/17.7.2006. Copy enclosed as Annexure-S
xv	State Pollution control board should display a copy of the clearance letter at the Regional Office, district Industry Center and Collector's office/ Tehsildar's office for 30 days.	Copy of EC letter submitted to S.R.O, MPCB, Chandrapur vide: 1358/1134 dt; 16/17.7.2006. Copy enclosed as Annexure-S.
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 & Forest at http://envfor.nic.in.	in two local newspapers namely: & (i) Mahasagar Chandrapur (Marathi) dtd: 06.03.2021 (ii) Mahavidarbha (Hindi) dtd: 06.03.2021 copy enclosed as Annexure-T

प्रबंधक(सिविल) हिंदुस्तानलालपेठसब एरिया उपक्षेत्रीय प्रबंधक हेंदुस्तानलालपेठसब एरिया

क्षेत्रीय केन्द्रस्थअधिकारी (पर्यावरण) * वे.को.लि चंद्रपुर क्षेत्र