



पर्यावरण विभाग

वेस्टर्न कोलफील्ड्स लिमिटेड
Western Coalfields Limited

(मिनिरत्ना कंपनी) (A Miniratna Company)
(कोल इंडिया लि० की अनुषंगी कंपनी)

(A Subsidiary of Coal India Limited)

क्षेत्रीय महाप्रबंधक कार्यालय, माजरी क्षेत्र

Office of the Area General Manager, Majri Area
Po: Kuchna; Th: Bhadrawati; Dist: Chandrapur - 442503



भारत 2023 INDIA

Environment Department

संदर्भ संख्या/ Ref. No. वेकोलि/माक्षे/क्षेमप्र/पर्यावरण/2024/134

दिनांक/ Date :26.05.2024

प्रति,

Addl. Principal Chief Conservator of Forests,

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय,

क्षेत्रीय कार्यालय (WCZ),

ग्राउंड फ्लोर, ईस्ट विंग, न्यू सेक्रेटरियट बिल्डिंग,

सिविल लाइंस, नागपुर-440001, (महाराष्ट्र)

विषय: Six Monthly Report against compliance of conditions of Environmental Clearance for Expansion of New Majri UG to OC Mine of Majri Area, WCL (As on 31st March 2024)

संदर्भ: Environment Clearance of New Majri UG to OC Mine vide letter no. J-11015/25/2008- IA.II(M) Dt. 01.01.2021

महोदय,

Please find enclosed herewith Six Monthly Report against compliance of conditions of Environmental Clearance for New Majri UG to OC Mine of Majri Area, WCL (As on 31st March 2024).

This is for your kind information and necessary action please.

धन्यवाद

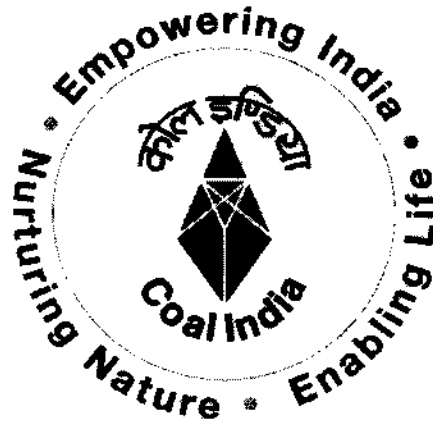
भवदीय

क्षेत्रीय केन्द्रस्थ अधिकारी (पर्यावरण), माजरी क्षेत्र

संलग्नक : यथोपरी

प्रतिलिपि :

- प्रादेशिक अधिकारी, महाराष्ट्र प्रदूषण नियंत्रण बोर्ड, उद्योग भवन, प्रथम तल, रेल्वे स्टेशन रोड, चंद्रपुर - 442 401
- क्षेत्रीय महाप्रबंधक, माजरी क्षेत्र
- महाप्रबंधक (पर्यावरण), व० को० लि० मुख्यालय, नागपुर
- उप-क्षेत्रीय प्रबंधक, न्यू माजरी उपक्षेत्र



WESTERN COALFIELDS LIMITED

MAJRI AREA

**EXPANSION OF
NEW MAJRI UG TO OC MINE**

3.00 MTY CAPACITY

SIX MONTHLY EC COMPLIANCE REPORT

AS ON 31st MARCH 2024

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT**PART-I**

Name of the project	Expansion of New Majri UNDERGROUND To OPEN CAST COAL MINE
Location and Address	Office of the Sub Area Manager, New Majri Sub Area, Majri Area, PO: Shivji Nagar, Tehsil: Bhadrawati, Dist: Chandrapur, Maharashtra
Address for correspondence	Office of the Sub Area Manager, New Majri Sub Area, Majri Area, PO: Shivji Nagar, Tehsil: Bhadrawati, Dist: Chandrapur, Maharashtra
MOEF's clearance letter no. & date	J-11015/25/2008-IA.II(M) Dt.01.01.2021
Period of this report	As on 31 st MARCH 2024
Date of last report submitted	25.11.2023
Date of commencement of project work	30.10.2015

STATUS OF LAND ACQUISITION:

Type of land	Required as per EMP (Ha)	Actual acquired (Ha) as on 31.03.2024
Forest	NIL	NIL
Agriculture	680.51	631.01
Other	25.77	24.50 (Govt. land) 24.50 (inherited from New Majri UG)
Total	706.28	680.01
Land given to NHAI (for highway)		(-) 1.13 (Agriculture Land)
Net Total		678.88

STATUS OF LEGAL COMPLIANCES:

A	Consent under Water (Prevention & Control of Pollution) Act	Consent to Operate granted by MPCB vide letter no. Format1.0/CAC/UAN No. MPCB-CONSENT-0000160648 / CR / 2305000846 Dt. 12.05.2023 valid upto 31.03.2024. CTO
B	Consent under Water (Prevention & Control of Pollution) Cess Act	Renewal Application submitted to MPCB vide UAN No. 196592 and same is under consideration for renewal upto 31.03.2028
C	Environment (Protection) Act	Env. Clearance obtained for 3.0 MTY vide letter no. J-11015/25/2008-IA.II(M) Dt.01.01.2021
D	Forest (Conservation) Act	Tahsildar, Bhadrawati has informed vide letter no. K.V./A.K./Prastu-1/2016/1172 dated 15.11.2016, the said forest land of 3.68 Ha bearing survey no. 14, 19 & 20 is not forest land as per clarification given by RFO Bhadrawati and as such same is under revenue department i.e. it is Government Land (Grazing Land)

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PART – II
STATUS OF ENVIRONMENT

AIR POLLUTION CONTROL:-

- a. No. of ambient air monitoring stations: Four
- b. Name of the location: ---
1. NMOC Substation
 2. Kuchna Colony
 3. Patala Magazine
 4. Manager Office, New Majri UG to OC
- c. Ambient air quality status for the parameters (Average 95% time weighted values):

Sl.No	Location	SPM	RPM	SO2	NOx
1)	NMOC Substation	The CMPDIL Monitoring report is enclosed for the period from October 2023 to March 2024.			
2)	Kuchna Colony				
3)	Patala Magazine				
4)	Manager Office, New Majri UG to OC				

WATER POLLUTION CONTROL:

- a. No. of stations and frequency of monitoring: Mining activities started from 30.10.2015 & there is no mine water discharge as of now, hence the water pollution monitoring reports will be provided once mine water discharge encountered for the mine
- b. Description of locations: --
- c. Average concentration of major pollutants prescribed by State Pollution Control Board (fig. in mg/lit except pH) :

Sl. No	Location	pH	BOD	COD	DO	TSS	O/G
1.	Mine water discharge	The CMPDIL Monitoring report is enclosed for the period from October 2023 to March 2024.					

NOISE POLLUTION CONTROL:

- a. No. of noise monitoring stations :- Two
- b. Description of location and dB(A) value:-

Sl. No	Location	Day	Night
1.	Fan House, New Majri- III UG	The CMPDIL Monitoring report is enclosed for the period from October 2023 to March 2024.	
2.	Colony		

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PART-III

STATUS OF IMPLEMENTATION OF PROVISIONS OF EMP

LAND USE STATUS:-

Area reclaimed biologically: Nil

Sl. No	Particulars	As per EMP	01.10.2023 to 31.03.2024	Progressive
1.	Area excavated (Ha)	358.35	4.25	141.07
2.	OB removed (Mm ³)	373.18	10.1 incl. Top Soil	54.07 incl. Top Soil
3.	Top soil removed (Mm ³) *	Incl. in sl. no. 2	1.661	12.484
4A	OB backfilled (Mm ³) in NMUG to OC Quarry	Nil	0.064	0.064
4B	OB backfilled (Mm ³) in NMOC Quarry	336.73	8.378	18.56
5.	OB dumped (Mm ³) Note: ^ (-) 6.48 RH Top Soil during 12 th Year	43.43 ^A	0.06	31.7 incl. Top Soil
6.	Area recovered for reclamation (physical reclamation)	Nil	Nil	Nil

* Status of Top Soil:

2015-16: Top Soil Dump (0.60 Mm³), Embankment (0.40 Mm³)
2016-17: Top Soil Dump (0.020 Mm³), Embankment (0.50 Mm³)
2017-18: Top Soil Dump (0.60 Mm³), Embankment (0.15 Mm³)
2018-19: Top Soil Dump (0.094 Mm³), Embankment (0.006 Mm³)
2019-20: Top Soil Dump (1.858897 Mm³)
2020-21: Top Soil Dump (2.25424 Mm³)
2021-22: Top Soil Dump (2.61 Mm³)
2022-23: Top Soil Dump (NIL), OB removed is backfilled in NMOC Quarry (7.569 Mm³)
2023-24: Top Soil Internal Dump i.e. Stacking in NMOC (3.394 Mm³)
Hard OB backfilled: In NMOC Quarry (10.991 Mm³), In NMUG to OC (0.06 Mm³)

PRODUCTION:-

- (i) Targeted Capacity: - 3.00 MTY (sanctioned capacity)
- (ii) Present Capacity: - 0.587 MTY (Actual Coal production 23-24 as on 30.09.23)

AFFORESTATION : -

Sl.No	Location	01.10.2023 to 31.03.2024	Progressive
1.	OB Dumps & embankments	Nil	95,000
2.	Backfilled areas	Nil	Nil
3.	Other areas (Plain)	Nil	85,000
	Total	Nil	1,80,000

Area under plantation (Progressive): - 72.00 Ha

Species planted: Jamun, Amla, Neem, Karanj, Baheda, Sirus, Peltafarm, Safed Sirus, Sissoo, Gulmohar, Casia

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REHABILITATION & RESETTLEMENT :-

Sl.No	Particulars	Total
1.	No. of land oustees	566 (Agricultural Land of 566 farmers)
2.	No. of land oustees rehabilitated	--
3.	No. of PAPS/PAFS to be resettled	--
4.	No. of PAPS/PAFS resettled	--
5.	Area of new site (Ha)	--
6.	Status of development	--
7.	Civic amenities provided at new resettlement site	--

Organizational setup at project level:-

(Name and designation of the personnel to be given)

1. Shri R.Arumugam
Sub Area Manager
2. Shri Md. Madhar
Mine Manager
3. Shri M. Pandyaraj
SAE (Civil)/ Nodal officer (Env)

EXPENDITURE :-CAPITAL

Account head	01.10.2023 to 31.03.2024	Progressive
Reclamation (HEMM)	Nil	Nil
Air pollution control	Nil	Rs. 35.88 lakhs
Water pollution control	Nil	Rs. 45.51 lakhs
Others (Piezometer, Water meter)	Rs 13.38 Lakhs	Rs 84.01 Lakhs

REVENUE

Account head	01.10.2023 to 31.03.2024	Progressive
Afforestation	Rs 23.53 Lakhs	Rs 295.93 Lakhs
Monitoring	Rs. 27.48 Lakhs	Rs 157.06 Lakhs
MPCB JVS	Rs. 0.30 Lakhs	Rs 2.60 Lakhs
Statutory expenses	Rs. 0.05 Lakhs	Rs 219.14 Lakhs
Scientific Study and 3 rd Party Monitoring	Rs. 17.18 Lakhs	Rs. 17.18 Lakhs
<u>Others</u>		
Water pollution control	Rs. 8.47 Lakhs	Rs 88.24 Lakhs
Air pollution control	Rs. 5.00 Lakhs	Rs. 16.12 Lakhs
Rain water harvesting pond	NIL	Rs 7.62 Lakhs
Garland drain	NIL	Rs 4.37 Lakhs
Misc. works	Rs. 12.07 Lakhs	Rs 18.50 Lakhs
CAAQMS AMC	Rs. 2.54 Lakhs	Rs. 6.53 lakhs
Ground Water Abstraction Charges	Rs. 65.07 Lakhs	Rs. 151.17 Lakhs

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EC COMPLIANCE REPORT

Clearance letter No.: J-11015/25/2008-IA.II(M)

Date : 1st January 2021

SR.NO.	Condition	Compliance as on date
4(i)	The project proponent shall obtain consent to Establish/operate from the state pollution control boards for the proposed capacity of MTPA prior to commencement.	Consent to Operate has been obtained vide letter no. Format1.0/CAC/UAN No. MPCB-CONSENT-0000160648 / CR / 2305000846 Dt. 12.05.2023 valid upto 31.03.2024 (Copy of CTO enclosed as Annexure 1)
(ii)	Third party monitoring (by NEERI/CIMFR/IIT/NITs) for air quality shall be carried out at identified locations. Both ambient and the process area, to arrive at impact of the proposed expansion at regular interval of 3 years.	Work of 3 rd party monitoring for air quality is awarded to VNIT Nagpur vide Work Award letter no. WCL/MA/AGM/ENV/2023/167 dated 24.07.2023 for the period Oct 2023 to Sept 2024 i.e. within 3 years of grant of EC (Copy of Monitoring report enclosed 2)
(iii)	Top soil should be stored separately at marked area and necessary vegetation shall be maintained to avoid any entrainment of dust.	Top soil is being stored at designated Top Soil dump with an area of 23.50 Ha & 10.70 Ha & height of 46 mtrs & 38 mtrs resp. Grass seeding and Plantation is done to avoid fugitive dust from dump
(iv)	PP shall construct embankment leaving 100 mtrs away from HFL of Wardha river and the same shall be taken prior approval from DGMS	At present the mine working is being done more than 100 mtrs away from HFL of Wardha river Embankment will be constructed along Wardha River with adequate height and width to prevent mine from rise in water level during monsoon in Wardha River. However, at present, Embankment is constructed along the diverted Koradi Nala (Length: 6.40 kms, Height: 10 mtrs, Width at top: 30 mtrs and width at bottom: 60 mtrs)
(v)	Transportation of coal from coal handling plant shall be through mechanized covered trucks for 3 years. No transportation by trucks after 3 years and proposed railway siding/pipe conveyor system.	Mechanically closed trucks are not provided by any truck maker for coal in India. However, tarpaulin covering is being ensured for all the coal transportation trucks. There is one common railway siding in WCL Majri Area Coal transportation outside mine is being done by Railways only.

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(vi)	All the villages coming under the zone of influence as in hydrology study shall be provided with suitable water supply along with sanitation facility	Due to availability of waterbodies such as Wardha River in South West, Shirna Nala in North East and Koradi Nala in North West direction, there is no scarcity of water in the vicinity Water supply arrangements will be made for all the villages coming under zone of influence, if there is any water scarcity reported in any of the village
(vii)	Commitment made during public consultation process shall be adhere to. As proposed, Rs.299.46 Lakhs is earmarked shall be considered as part of Environment Management Plan, which shall be accomplished within period of 5 years.	The work of providing tubewell at Palasgaon village, RO at Naglone and RO at Palasgaon is done under CER/CSR/EMP Head as per the commitment made during public hearing. Work order and photographs enclosed. Apart from this, other activities such as Medical Camps, Health survey/ check-up, Skill Development training for people in nearby villages, development of roads, Rain Water Harvesting works, Avenue Plantation, providing saplings for plantation in nearby villages are being done. However, as the project is running/ already operational, works taken up in nearby village are accounted in CSR Head. Details of CSR activities, Medical Camps, Skill development activities and photographs enclosed as Annexure 3
(viii)	Water quality and bioassay test of Wardha River shall be monitored quarterly and submitted to State Pollution Control Board. No water shall be discharged in river. Any deviation from limits as stipulated in norms by CPCB for quality shall be informed and necessary action shall be taken.	Surface Water quality and bioassay test of Wardha River is being monitored quarterly. (copy of Surface reports of the QE Dec 2023 & QE March 2024 and Bio Assay test report for the QE Dec 2023 & QE March 2024 enclosed as annexure 4 & 5) Report of same is being submitted to MPCB, MOEF Regional offices along with six monthly EC Compliance report.
(ix)	Quarterly monitoring of quality of water from bore hole used for drinking purpose shall be conducted and report thereof shall be submitted to SPCB. Any deviation from limits as stipulated in norms by CPCB for quality shall be informed and necessary action shall be taken	Drinking water monitoring is being done on quarterly basis through CMPDIL. (copy of reports of the sampling of QE Dec 2023 & QE March 2024 enclosed as annexure 6) Report of same is being submitted to MPCB, MOEF Regional offices along with six monthly EC Compliance report.
(x)	Progressive backfilling of mine and progressive reclamation of dump shall be done	Backfilling of adjacent mine quarry is being done as per the mining plan. As on 31.03.2024, 18.56 Mm3 Hard OB is

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		<p>backfilled in adjacent New Majri IIA OC Mine quarry.</p> <p>To prevent the soil fertility, Top Soil dump 1 having area of 23.50 Ha is planted with 55,000 nos. and Top Soil dump 2 having area of 10.70 Ha is planted with 40,000 nos. sapling of mixed species.</p> <p>Also, grass seeding of species "Stylo Hamata" is also being spread over top soil and hard OB Dump</p> <p>Photographs of plantation enclosed as annexure 7</p>																					
(xi)	<p>To control the production of dust at source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers. Permanent water sprinkler shall be installed instead to water sprinkling by water tankers on the haul road.</p>	<p>Mobile crushers are being provided with Mist Nozzles for dust suppression at source.</p> <p>Also, fixed sprinklers are provided at coal stockyards.</p> <p>Fog Cannon (3 nos.) of 100 mtrs throw are installed at Mobile crushers, discharge point of CHP</p> <p>2 nos. Mobile Water Tankers of 28 KL capacity and 1 no. 15 KL capacity are also deployed on haul road for dust suppression</p> <p>Photographs of Air pollution control system enclosed as annexure 7</p>																					
(xii)	<p>Mitigating measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient fixed type water sprinklers. Adequate corrective measures shall be undertaken to control dust emissions, which would include mechanized sweeping, water sprinkling/mist spraying on haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at loading and unloading points, etc.</p>	<p>30 nos. fixed sprinklers provided at coal transportation road</p> <p>12 nos. fixed sprinklers provided at coal stockyard.</p> <p>3 nos. Fog cannon of 100 mtrs throw with 320 deg rotation</p> <p>Mist spray arrangement in all mobile crushers</p> <p>1,80,000 nos. trees planted with more than 80 % survival rate as wind barrier and green belt between mine and Naglone & Palasgaon village.</p> <table border="1"> <thead> <tr> <th>FY</th> <th>Nos.</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>20,000 Nos.</td> <td>8 Ha</td> </tr> <tr> <td>2018-19</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2019-20</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2021-22</td> <td>50,000 Nos.</td> <td>20 Ha</td> </tr> <tr> <td>2022-23</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> <tr> <td>2023-24</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> </tbody> </table>	FY	Nos.	Area (Ha)	2016-17	20,000 Nos.	8 Ha	2018-19	15,000 Nos.	6 Ha	2019-20	15,000 Nos.	6 Ha	2021-22	50,000 Nos.	20 Ha	2022-23	40,000 Nos.	16 Ha	2023-24	40,000 Nos.	16 Ha
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(xiii)	Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	<p>Regular PME of departmental as well as contractual worker is being done for Occupational and other health hazards.</p> <p>PME during Year 2022 of 191 Deptt. Worker and IME during Year 2022 of all new Contractual workers.</p> <p>During 2023-24, PME of 353 Departmental employee/ worker and IME of 638 Contractual manpower done.</p> <p>PME/ IME details is enclosed as annexure 8</p>
(xiv)	The total industrial water demand (peak) in operation phase shall be met by utilizing treated mine discharge water. If require, necessary arrangement shall be made to reuse treated water from STP&ETP to nearby TPP or coal washery /or future coal washery by entering suitable agreement. No wastewater (treated or untreated) shall be discharged into the river or any other water body.	<p>Water demand for fire-fighting, dust suppression etc is met through the mine discharge i.e. water pumped out from underground galleries only as there is no mine water sump in this mine due to seepage of water in underground galleries.</p> <p>ETP effluent is being recycled for washing of HEMM.</p> <p>STP will be provided whenever the construction of colony for this mine started</p> <p>Photographs of water pollution control system enclosed as annexure 7</p>
(xv)	Blasting effect on patala village should minimised by using latest technology and quarterly health survey shall be conducted by project proponent.	<p>Controlled blasting is being done to minimise the effect of blasting on Patala village. Record of blast vibration monitoring enclosed as annexure 9</p> <p>Health survey in the form of Medical Camp is also being done for nearby villages. Record of Year wise medical Camps enclosed as annexure 3.</p> <p>Moreover, no such complaint is received from any of nearby village.</p>
(xvi)	PP shall take permission of state public works Department before the proposed diversion of Road. Road shall be considered as per PWD requirement and plantation of trees and street light shall be provided by project proponent.	At present there is no PWD road diverted for mine working. PWD Permission will be sought before the diversion of Patala – Majri Road. Plantation on both sides of the road will be done as per the recommended species under Avenue Plantation

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(xvii)	STP for proposed colony shall be constructed within one year of implementation of colony	At present there is no colony in this project. STP will be provided whenever the colony will be constructed.
(xviii)	Toe wall of at-least 15 mts height should be constructed along the OB dump.	At present the minimum of 50 mtrs distance is kept between OB Dump and adjacent Nala. Also, garland drain and toe wall of hr about 1.5 mtrs of OB material is constructed near the confluence point of nala Toe wall of 15 mtrs height is difficult to be constructed as on one side of dumps there are seasonal Nala. However, TOE Wall/ Gabion Wall of adequate height will be constructed outside OB dump along Nala, wherever necessary.
(xix)	5 Fog canon shall be installed to reduce the impact of air pollution for nearby villages.	Total 4 nos. Fog cannons of 100 mtrs throw with 320 deg rotation are installed at dust generating sources. Fog Cannons (3 nos.) at Mobile Crusher and (1 nos.) installed at railway Siding. In addition to that, (2 nos.) are in procurement stage at WCL HQ under centralised procurement Further to prevent nearby villages from impact of air pollution, thick green belt over an area of 34 Ha with 85,000 nos. tree saplings planted till date and having width of 50 to 100 mtrs along boundary
(xx)	Water storage ponds shall be constructed of appropriate depth in nearby villages in collaboration with Gram Panchayats.	As on date, requirement of water storage pond was not raised by any village. Due to availability of waterbodies such as Wardha River in South West, Shirna Nala in North East and Koradi Nala in North West direction, there is no scarcity of water in the vicinity. Water storage pond will be constructed if any nearby village demand for the same. However, as social responsibility and to recharge ground water, Rain water harvesting pond of 88 m x 18 m x 1.2 m is constructed near mine boundary.
(xxi)	Peripheral tree plantation of local species in nearby village in collaboration with Gram Panchayats. 3-tier plantation with atleast	85,000 nos. trees of native species over an area of 34 Ha as green belt/ wind barrier between mine and nearby

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	50000 trees along the patala village and nearby villages wherein no R &R is proposed shall be done within 3 years.	villages (Palasgaon, Naglone) is done as on date. 95,000 nos. trees planted over an area OF 38 Ha on Top Soil dump in 2021-22, 2022-23 and 2023-24																					
(xxii)	3-tier Green belt along the boundary should be developed on priority basis preferably within first 3 years.	85,000 nos. trees of native species over an area of 34 Ha as green belt/ wind barrier between mine and nearby villages (Palasgaon, Naglone) are planted as on date on plain land. Once the trees will grow up or during the course of plantation, it will help in developing the environment where the shrubs, herbs, creepers of native species will grow and develop 3-tier plantation. 95,000 nos. over an area of 38 Ha is planted on Top Soil dump in FY 2021-22, 2022-23 and 2023-24 <table border="1"> <thead> <tr> <th>FY</th> <th>Nos.</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>20,000 Nos.</td> <td>8 Ha</td> </tr> <tr> <td>2018-19</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2019-20</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2021-22</td> <td>50,000 Nos.</td> <td>20 Ha</td> </tr> <tr> <td>2022-23</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> <tr> <td>2023-24</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> </tbody> </table>	FY	Nos.	Area (Ha)	2016-17	20,000 Nos.	8 Ha	2018-19	15,000 Nos.	6 Ha	2019-20	15,000 Nos.	6 Ha	2021-22	50,000 Nos.	20 Ha	2022-23	40,000 Nos.	16 Ha	2023-24	40,000 Nos.	16 Ha
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(xxiii)	Persons of nearby villages shall be given training on livelihood and skill development to make them employable.	Skill Development training is being organised regularly (such as Tailoring, Beauty Parlour, Computer education, Security Guard etc.) for persons living in nearby villages. Work order issued by WCL HQ vide no. WCL/HRD/Skill Dev/2022-23/14 dtd 27.05.2022 for skill development training via CIPET, FDDI, Ashok Leyland driver training institute, ATDC, CII skill development training centres. Details of Skill development training given enclosed as annexure 3																					
(xxiv)	Drinking water supply shall be given to all villages coming under zone of influence by extraction of ground water.	Due to availability of waterbodies such as Wardha River in South West, Shirna Nala in North East and Koradi Nala in North West direction, there is no scarcity of water in the vicinity. Drinking water facility will be provided in nearby village wherever the water scarcity/ drinking water requirement problem noted.																					

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(xxv)	Active OB Dump should not be kept barren/open and should be covered by Temporary grass to avoid air born of particles.	Grass seeding is done over embankment, Top Soil dump & OB Dump																					
(xxvi)	Project proponent to plant 150,000 nos .of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution. After completion of tree plantation. Number of trees shall be duly endorsed from District Forest Officer.	<p>Top soil Dump along the transportation route/ opposite to coal stockyard is planted with about 95,000 nos. trees. This will act as green vertical barrier and prevent dust/ fugitive emission along coal handling and transportation. Apart from this about 15,000 nos. plants planted as Avenue Plantation from Lima Shovel Chowk to railway Siding and from Lima Shovel chowk to NMUG office as well as in the premises of office infrastructure.</p> <p>85,000 nos. trees of native species over an area of 34 Ha as green belt/ wind barrier between mine and nearby villages (Palasgaon, Naglone) are planted as on date on plain land. 95,000 nos. over an area of 22 Ha is planted on Top Soil dump in FY 2021-22, 2022-23 & 2023-24</p> <table border="1" data-bbox="1029 929 1556 1176"> <thead> <tr> <th>FY</th> <th>Nos.</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>20,000 Nos.</td> <td>8 Ha</td> </tr> <tr> <td>2018-19</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2019-20</td> <td>15,000 Nos.</td> <td>6 Ha</td> </tr> <tr> <td>2021-22</td> <td>50,000 Nos.</td> <td>20 Ha</td> </tr> <tr> <td>2022-23</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> <tr> <td>2023-24</td> <td>40,000 Nos.</td> <td>16 Ha</td> </tr> </tbody> </table> <p>Tree Plantation work is being undertaken by Madhya Pradesh Rajya Van Vikas Nigam Ltd.</p>	FY	Nos.	Area (Ha)	2016-17	20,000 Nos.	8 Ha	2018-19	15,000 Nos.	6 Ha	2019-20	15,000 Nos.	6 Ha	2021-22	50,000 Nos.	20 Ha	2022-23	40,000 Nos.	16 Ha	2023-24	40,000 Nos.	16 Ha
FY	Nos.	Area (Ha)																					
2016-17	20,000 Nos.	8 Ha																					
2018-19	15,000 Nos.	6 Ha																					
2019-20	15,000 Nos.	6 Ha																					
2021-22	50,000 Nos.	20 Ha																					
2022-23	40,000 Nos.	16 Ha																					
2023-24	40,000 Nos.	16 Ha																					
(xxvii)	Project Proponent shall obtain blasting permission from DGMS for conducting mining operation near villages and also explore development 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.	Blasting permission is obtained from DGMS vide letter no. 11115/WZ/Nagpur Region No. II/Perm/2020/7041 dated 12.01.2021.																					
(xxviii)	The project proponent shall complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2 nd 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	<p>There is no case of Illegal Mining in this area. CCTV and other surveillance monitoring is being ensured at places such as Coal stockyard, Weigh Bridge etc. in mine.</p> <p>Further, as the mine is an open cast mining there is no possibility of illegal mining within the project area.</p>																					

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	of Hon'ble Supreme Court dated the 2 nd August-2017 in writ petition (Civil) No. 114 of 2014 in the matter of common Cause versus Union of India and Ors.	Mining as per valid EC and CTO capacity is being done within the project area
(xxix)	Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) in case of intersecting the Ground water table.	CGWA NOC Obtained vide NOC no. CGWA/NOC/MIN/ORIG/2020/7125 dtd 09.01.2020 valid upto 08.01.2022. Renewal of same approved vide 63 rd EAC Meeting. Copy of last CGWA NOC enclosed as annexure 1
(xxx)	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/ preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented; The prevention measure for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities	<p>Complied</p> <p>Regular and Periodical medical examination (IME and PME) of the workers (Departmental as well as contractual workers) has been undertaken at Majri Area Hospital of WCL. Area Hospital is headed by Chief Medical Officer.</p> <p>There is 1 No. PME incharge and 1 No. PME co-incharge with appropriate medical qualifications. There are five assisting Doctors. In addition, there is 1 No. PME Clerk and 2 Nos assisting category workers. Details of PME/IME enclosed as annexure 8</p> <p>The adequate facility and medicines for burns, malaria and anti-snake venom are available at Majri Area Hospital.</p> <p>Rescue Room and safety deptt. is equipped with paramedical safeguards in case of emergency.</p>
(xxxi)	Project Proponent shall follow the mitigation measures provided in office memorandum No.Z-11013/57/2014-IA.II (M), dated 29 October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	<p>There is no habitation within the Project area. Further, with reference to the OM dtd 29.10.2014, we have been practicing best mine practices such as providing catch drains, garland drains to arrest runoff from the dumps. Adequate rain water harvesting measures are also being taken in and around mine area to recharge the groundwater levels. Regular monitoring of ground water level is also being done in core and buffer zone of the mine.</p> <p>Illumination and sound level of the mine are being monitored regularly inside mine as well as at nearby habitation.</p> <p>Full grown patch of plantation are being used by nearby villagers for livestock grazing. Same plantation is</p>

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		<p>also act as shelter for these livestock's during scorching summers.</p> <p>Vibration monitoring is also being done in nearby Patala village from time to time to ascertain the impact of blasting.</p> <p>Mobile water tankers are used for dust suppression on haul road and Fixed sprinklers are provided for dust suppression on coal transportation road.</p>
(xxxii)	<p>The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/ night hours.</p>	<p>Illumination and sound survey of nearby habitation at night is being done regularly.</p> <p>It is ensured that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours</p>
(xxxiii)	<p>The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, spotted in the study area. Action plan for conservation of flora and fauna shall be implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.</p>	<p>There is no endangered fauna & flora species observed during the Biodiversity study in the study area</p>
(xxxiv)	<p>Hon'ble Supreme Court in an writ petition (s) Civil No. 114/2014, Common Cause vs Union on 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 disturb 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.</p>	<p>Grass seeding of embankment is already been done.</p> <p>Grass seeding of top soil dump and OB dump is also being done.</p> <p>Further, to prevent the soil fertility of top soil stacked at dumps, 55000 nos. of trees planted at Top soil dump no. I. This will act as vertical green barrier for coal handling at stockyard and prevent soil erosion.</p>

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(xxxv)	PP shall submit mine closure report/activity of Telwasa OC (2.00 MTPA) and Dhorwasa OC (2.00 MTPA) and status to ministry regional office within six months.	<p>Mine closure plan including Mine closure activity is approved along with PR in respect of New Majri Ug to OC Mine.</p> <p>Details of Mine closure claims in respect of New Majri UG to OC Mine, Telwasa OC Mine and Dhorwasa OC Mine along with Escrow account details enclosed as annexure 10</p> <p>Abstract of Mine closure Plan/activity of New Majri UG to OC Mine, Telwasa OC Mine and Dhorwasa OC Mine enclosed as Annexure 11,12,13</p> <p>Telwasa OC and Dhorwasa OC mine were not in the administrative control of New Majri UG to OC Mine. Hence, it is requested from the MoEF to remove the said condition of status of mine closure report of other mines.</p>
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Specific condition with respect area being in CPAs

(i)	CTE/CTO for the project shall be obtained from the SPCB as required under the Air(Prevention and control of pollution) Act,1981 and the water (Prevention of control of Pollution) Act,1974, and the SPCB shall follow the mechanism/protocol issued by the Ministry vide letter no.Q-16017/38/2018-CPA dated 24october,2019 while issuing the CTE/CTO for the project, for improvement of environment of environmental quality in the area.	Consent to Operate for capacity 3 MTY has been obtained vide letter no. Format1.0/CAC/UAN No. MPCB-CONSENT-0000160648 / CR / 2305000846 Dt. 12.05.2023 valid upto 31.03.2024.
(ii)	The green belt of at least 5-10 m width shall be developed in more than 40% of the total project area, mainly along the periphery of mine boundary, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	<p>Green belt in an area of about 34 ha and for the width of about 50-100 mtrs has been developed on Western boundary of mine between Mine and Naglone & Palasgaon village.</p> <p>As on date 85,000 nos. trees of native species planted over an area of 34 Ha on plain land and 95,000 nos. over an area of 38 Ha on Top Soil Dump.</p>
(iii)	In addition, the project proponent shall develop greenbelt outside the plant premises such as avenue plantation, plantation in vacant areas, social forestry etc.	Avenue/ Road side plantation is being done. About 15,000 nos. saplings planted as Avenue Plantation from Lima Shovel Chowk to railway Siding and from Lima Shovel chowk to NMUG

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		<p>office as well as in the premises of office infrastructure.</p> <p>Plants distribution to nearby villages (such as Majri, Vislon, Naglone, Patala etc) as steps towards collaboration with nearby villages and increasing green cover in nearby village area</p>
(iv)	Monitoring of compliance of EC condition may be submitted with third party audit every year.	Work for same is awarded to NEERI, Nagpur vide award letter no. WCL/HQ/ENV/16-J/73-81 dated 26.10.2021. NEERI team inspected and review the EC Compliances in the month of March 2022.
(v)	Fund allocation for Corporate Environment Responsibility (CER) which is atleast 2 times as per OM of 1 st May,2014 may now be considered as 2 time of fund allocated on commitment made during public consultation process for incorporating in EIA-EMP for deliberation of EAC and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	<p>The provisions of PR are to be fulfilled for the works under CER. Majority of points under public consultation as related to employment. Both direct and in-direct employment is being generated due to the project.</p> <p>The work of providing tubewell at Palasgaon village, RO at Naglone and RO at Palasgaon is done under CER/CSR/EMP Head as per the commitment made during public hearing. Apart from this, other activities such as Medical Camps, Health survey/ check-up, Skill Development training for people in nearby villages, development of roads, Rain Water Harvesting works, Avenue Plantation, providing saplings for plantation in nearby villages are being done.</p> <p>However, as the project is running/ already operational, works taken up in nearby village are accounted in CSR Head.</p>
(vi)	Effective fugitive emission control measures should be imposed in the process, transportation, packing etc.	<p>Complied.</p> <p>12 nos. fixed sprinklers are provided to control fugitive emission from Coal stockyard</p> <p>30 nos. fixed sprinklers provided to control fugitive emission on coal transportation road</p> <p>2 nos. 28 KL and 2 nos. 15 KL Mobile water tankers are deployed on Coal transportation road and haul road</p> <p>3 nos. mist cannon of 100 mtrs throw with 320 deg rotation installed at Crushers, 1 no. installed at Railway</p>

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		<p>Siding and 2 nos. are in procurement stage at WCL HQ under Centralised Procurement</p> <p>Mist spray arrangement in all mobile crushers</p> <p>Grass seeding over embankment, green belt between mine OB dumps and mine boundary</p> <p>Tree plantation in Safety zone acts as green belt between mine and nearby village. Also plantation on top soil dump I acts as vertical green barrier between mine and Majri village.</p>
(vii)	Transportation of materials by rail/ conveyor belt to be implemented with the implementation of stipulation given in EC.	All the coal from mine is dispatched through Rail mode as per Coal Supply Agreement with Thermal power plants
(viii)	A detailed water harvesting plan may be submitted by the project proponent	<p>Rain Water Harvesting Pond of dimension 88 mtr x 18 mtr x 1.20 m costing Rs 7.62 Lakhs has been constructed by considering the long term benefits. It helps in augmenting ground water resources.</p> <p>Apart from this, roof top rain water harvesting system is also installed at various office buildings such as Area Hospital Rescue room, GVTC, Coal testing lab etc</p> <p>Moreover, the galleries of old abandoned Underground mine (New Majri UG mine no. III) acts as a ground water recharge structure also.</p>
(ix)	In case, domestic waste water generation is more than 10 KLD, the industry may install STP.	<p>The domestic water requirement of the mine is very less. Only 5 KLD overhead tank is provided for canteen and washroom requirement of the office.</p> <p>Modular STP for mine premises will be provided for canteen and other domestic waste if the effluent generation exceeds 10 KLD.</p>
(x)	Monitoring of compliance of EC conditions may be submitted with third party audit every year	Monitoring of compliance of EC conditions is being done by NEERI every year.

4.1 The grant of environmental clearance is further subject to compliance of the Standard EC conditions as under:

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(A) Statutory Compliance

4(i)	The project proponent shall obtain forest clearance under the provisions of forest (Conservation) Act,1986,in case of the diversion of forest land for non-forest purpose involved in the project.	Not Applicable
(ii)	The project proponent shall obtain clearance from the National Board Wildlife, if applicable.	Not Applicable
(iii)	The project proponent shall prepare a site-specific conservation plan/ wildlife management plan and approved by the chief wildlife warden. The recommendation of the approved site-specific conservation plan/wildlife management plan shall be implemented in consultation with the state forest department. The implementation report shall be furnished along with the six monthly compliance report (in case of the presence of schedule-1 species in the study area).	Not Applicable as the mine and its surrounding area does not have any schedule-I species
(iv)	The project proponent shall obtain consent to establish/operate under the provisions of Air (Prevention &Control of Pollution) Act,1981 and the water (Prevention& Control of Pollution) Act,1974 from the concerned State pollution Control Board/Committee.	Consent to Operate for capacity 3 MTY has been obtained vide letter no. Format1.0/CAC/UAN No. MPCB-CONSENT-0000160648 / CR / 2305000846 Dt. 12.05.2023 valid upto 31.03.2024
(v)	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	CGWA NOC Obtained vide NOC no. CGWA/NOC/MIN/ORIG/2020/7125 dtd 09.01.2020 valid upto 08.01.2022. Renewal of same approved vide 63 rd EAC Meeting.
(vi)	Solid/hazardous waste generated in the mines needs to addressed to the solid waste management rules,2016/hazardous & other waste management rules,2016.	Solid waste i.e. Overburden is being handled as per dumping plan. Overburden stacked at designated external OB dump (Dump Id 3). Further Overburden is being backfilled in adjacent mine. Hazardous waste such as Burnt Oil is being sent to authorised recycler for recycling and other hazardous waste such as Oil filter, hose pipe, oily cotton

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		waste is being given to CHWSDF Butibori for disposal. Annual Hazardous Waste return 2023-24 enclosed as annexure 14)
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(B) Air Quality Monitoring And Preservation

(i)	<p>Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2, and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the state pollution control board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/ or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.</p>	<p>1 no. CAAQMS along with MET station is operational in mine core zone and same was installed in consultation with MPCB.</p> <p>Apart from this 4 nos. AAQ monitoring stations are also set up for AAQ monitoring on fortnightly basis.</p> <p>Heavy Metal monitoring is being monitored on half yearly basis through CMPDIL (NABL accredited lab). Report of same for the period Dec 2023 enclosed as annexure 15</p>
(ii)	<p>The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 € dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/ Regional Office and to the CPCB/SPCB.</p>	<p>Monitoring of Ambient Air Quality is being carried out as per GSR 742 (E) dated 25.09.2000.</p> <p>Data on ambient air quality is being monitored on fortnightly basis and heavy metals such as Hg, As, Ni, Cd, Cr is being monitored on half yearly basis and same is being reported to the Ministry/ Regional Office and to the MPCB along with six monthly EC Compliance report</p> <p>The ambient air quality monitoring stations are established in consultation with officials of Maharashtra Pollution Control Board, Chandrapur.</p> <p>Monitoring reports for the period from October 2023 to March 2024 is enclosed as annexure 16.</p> <p>It can be seen that all the parameters are within the prescribed standards.</p> <p>Monitoring of Heavy metals has also been carried out by CMPDIL in the month of Dec 2023.</p>

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		(PM10) Values of $\mu\text{g}/\text{m}^3$			
		Date	Contractor camp	Patala Magazine	Manager office
		OCT 23 (1 st FN)	184	158	172
		OCT 23 (2 nd FN)	152	156	161
		NOV 23 (1 st FN)	202	174	189
		NOV 23 (2 nd FN)	170	170	180
		DEC 23 (1 st FN)	222	190	206
		DEC 23 (2 nd FN)	185	187	198
		JAN 24 (1 st FN)	233	202	216
		JAN 24 (2 nd FN)	193	196	206
		FEB 24 (1 st FN)	236	204	220
		FEB 24 (2 nd FN)	198	202	208
		MAR 24 (1 st FN)	240	210	226
		MAR 24 (2 nd FN)	200	215	214
		Std	250	250	250
		(PM2.5) Values of $\mu\text{g}/\text{m}^3$			
		Date	Contractor camp	Patala Magazine	Manager office
		OCT 23 (1 st FN)	58	53	66
		OCT 23 (2 nd FN)	46	52	71
		NOV 23 (1 st FN)	64	58	72
		NOV 23 (2 nd FN)	52	54	79
		DEC 23 (1 st FN)	70	64	80
		DEC 23 (2 nd FN)	58	60	86
		JAN 24 (1 st FN)	74	68	84
		JAN 24 (2 nd FN)	62	63	90
		FEB 24 (1 st FN)	75	69	86
		FEB 24 (2 nd FN)	60	68	96
		MAR 24 (1 st FN)	78	72	87
		MAR 24 (2 nd FN)	66	70	88
		Std	60	60	60
(iii)	<p>Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/ mist sprinkling/ rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/ State Pollution Control Board.</p>	<p>Coal transportation through road is being done only from mine to common Railway Siding (which comes under mine boundary of adjacent mine) and same is being done through tarpaulin covered coal transportation trucks.</p> <p>3 nos. Fog cannon of 100 mtrs throw with 320 deg rotation installed near Crushers, 1 no. installed at Railway Siding and additional 2 nos. are in procurement stage at WCL HQ</p> <p>30 nos. fixed sprinklers installed on Coal transportation road</p> <p>10 nos. fixed sprinklers of 30 mtrs throw are installed at common Railway Siding</p> <p>12 nos. fixed sprinklers are provided to control fugitive emission from Coal stockyard</p> <p>All the mobile crushers are provided with Mist sprayers</p> <p>Dust suppression arrangement on Coal transportation route through mobile tankers is also being done.</p> <p>2 nos. 28 KL and 2 nos. 15 KL Mobile water tankers are deployed on Coal transportation road and haul road</p>			
(iv)	The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment	The transportation of coal is being done from Coal face to stockyard to Crusher to Railway siding.			

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		NOV 23 (1 st FN)	7.70	36.00	56.00	BDL
		NOV 23 (2 nd FN)	7.40	44.00	42.00	BDL
		DEC 23 (1 st FN)	7.69	60.00	32.00	BDL
		DEC 23 (2 nd FN)				BDL
		JAN 24 (1 st FN)	7.84	36.00	56.00	BDL
		JAN 24 (2 nd FN)	7.60	40.00	44.00	BDL
		FEB 24 (1 st FN)	7.67	56.00	44.00	BDL
		FEB 24 (2 nd FN)	7.08	36.00	30.00	BDL
		MAR 24 (1 st FN)	7.47	36.00	50.00	BDL
		MAR 24 (2 nd FN)	7.65	40.00	42.00	BDL
		WORKSHOP ETP EFFLUENT				
		Date	pH	COD	TSS	O&G
		OCT 23 (1 st FN)	7.36	52.00	46.00	BDL
		OCT 23 (2 nd FN)	7.86	44.00	42.00	BDL
		NOV 23 (1 st FN)	7.62	44.00	50.00	BDL
		NOV 23 (2 nd FN)	5.18	36.00	34.00	BDL
		DEC 23 (1 st FN)	7.98	46.00	36.00	BDL
		DEC 23 (2 nd FN)				BDL
		JAN 24 (1 st FN)	7.21	40.00	32.00	BDL
		JAN 24 (2 nd FN)	7.40	64.00	48.00	BDL
		FEB 24 (1 st FN)	7.32	32.00	40.00	BDL
		FEB 24 (2 nd FN)	7.92	52.00	42.00	BDL
		MAR 24 (1 st FN)	7.98	60.00	30.00	BDL
		MAR 24 (2 nd FN)	7.47	56.00	40.00	BDL
(ii)	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27 th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Complied All the monitoring reports are being uploaded on westerncoal website under SECTION -> DEPARTMENT -> ENVIRONMENT -> ENVIRONMENT QUALITY REPORT. http://www.westerncoal.in/index1.php/StaticPage/153				
(iii)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/ RO.	Regular monitoring of ground water level and quality is being carried out in and around the mine lease. The monitoring is carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected is being sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board Report of the monitoring (December 2022 to January 2024) has been submitted to your good office vide letter no. WCL/MA/AGM/ENV/2024/127 dated 14.05.2024. Report of same enclosed as annexure 17				
(iv)	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and	Monitoring of water quality upstream and downstream of Wardha River is being carried out regularly and report of				

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	record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office.	same is also submitted to MPCB & MoEF on regular basis. Copy of latest report QE Dec 2023 & QE March 2024 enclosed as annexure 4
(v)	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	<p>Complied</p> <p>Ground water excluding mine water is not being used for mining operations.</p> <p>Rain Water Harvesting Pond of dimension 88 mtr x 18 mtr x 1.20 m has been constructed by considering the long term benefits.</p> <p>Apart from this, roof top rain water harvesting is being implemented at office building such as GVTC, Coal testing lab, filter plant, Hospital, Rescue room, Kendriya Vidhyalay.</p> <p>Further, old underground galleries of UG mine also helped in storing water. Also, the abandoned voids of adjacent mine also help in storing and recharging ground water. It helps in augmenting ground water resources.</p>
(vi)	Catch and/ or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal helps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies, further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of sit into the drains. The drains/ ponds so constructed shall by regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/ habitation/ water bodies.	<p>Garland drains of dimension (Length: 6400 mtr, Avg. width: 2.50 mtr, Avg. Depth: 2.00 mtr) is provided around the mine.</p> <p>Catch drain of dimension (Length: 4980 mtr, Avg. width: 2.50 mtr, Avg. Depth: 2.00 mtr) provided around OB dumps.</p> <p>Desilting of catch drains and garland drains is done every year before onset of monsoon departmentally.</p> <p>The catch drains provided all around the OB Dump acts as an arrestor against any flow of silt and sediments into the nearby fields/ nalla. As such specifically, at present there is no requirement of retaining wall at the toe of the dump. Moreover, grass seeding has been placed over the slopes which further protects the flow of silts and sediments.</p>

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(vii)	<p>Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirements of nearby village(s) after due treatment conforming to the specific requirements(standards).</p>	<p>Rain Water Harvesting Pond of dimension 88 mtr x 18 mtr x 1.20 m has been constructed by considering the long term benefits.</p> <p>Apart from this, roof top rain water harvesting is being implemented at office building such as GVTC, Coal testing lab, filter plant, Hospital, Rescue room, Kendriya Vidhyalay.</p> <p>Further, old underground galleries of UG mine also helped in storing water. Also, the abandoned voids of adjacent mine also help in storing and recharging ground water. It helps in augmenting ground water resources.</p> <p>It helps in augmenting ground water resources.</p> <p>Due to availability of waterbodies such as Wardha River in South West, Shirna Nala in North East and Koradi Nala in North West direction, there is no scarcity of water in the vicinity.</p> <p>If any water requirement issue at nearby village come to the notice, project authority will take all necessary measures to fulfil the requirement.</p>																																																																	
(viii)	<p>Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under water Act, 1974 and Environment (Protection) Act,1986 and the rules made there under, and as amended from time to time. Adequate ETP/STP needs to be provided.</p>	<p>ETP of 100 KLD capacity with Oil Skimmer is provided for treating the effluent generated from washing of HEMM</p> <p style="text-align: center;">ETP Effluent</p> <table border="1" data-bbox="989 1321 1567 1736"> <thead> <tr> <th>Date</th> <th>pH</th> <th>COD</th> <th>TSS</th> <th>O&G</th> </tr> </thead> <tbody> <tr> <td>OCT 23 (1st FN)</td> <td>7.36</td> <td>52.00</td> <td>46.00</td> <td>BDL</td> </tr> <tr> <td>OCT 23 (2nd FN)</td> <td>7.86</td> <td>44.00</td> <td>42.00</td> <td>BDL</td> </tr> <tr> <td>NOV 23 (1st FN)</td> <td>7.62</td> <td>44.00</td> <td>50.00</td> <td>BDL</td> </tr> <tr> <td>NOV 23 (2nd FN)</td> <td>5.18</td> <td>36.00</td> <td>34.00</td> <td>BDL</td> </tr> <tr> <td>DEC 23 (1st FN)</td> <td>7.98</td> <td>46.00</td> <td>36.00</td> <td>BDL</td> </tr> <tr> <td>DEC 23 (2nd FN)</td> <td></td> <td></td> <td></td> <td>BDL</td> </tr> <tr> <td>JAN 24 (1st FN)</td> <td>7.21</td> <td>40.00</td> <td>32.00</td> <td>BDL</td> </tr> <tr> <td>JAN 24(2nd FN)</td> <td>7.40</td> <td>64.00</td> <td>48.00</td> <td>BDL</td> </tr> <tr> <td>FEB 24 (1st FN)</td> <td>7.32</td> <td>32.00</td> <td>40.00</td> <td>BDL</td> </tr> <tr> <td>FEB 24 (2nd FN)</td> <td>7.92</td> <td>52.00</td> <td>42.00</td> <td>BDL</td> </tr> <tr> <td>MAR 24 (1st FN)</td> <td>7.98</td> <td>60.00</td> <td>30.00</td> <td>BDL</td> </tr> <tr> <td>MAR 24 (2nd FN)</td> <td>7.47</td> <td>56.00</td> <td>40.00</td> <td>BDL</td> </tr> </tbody> </table> <p>At present most of the workers of this mine are residing at Ekta Nagar Colony where the STP is provided.</p> <p>There is no new/ dedicated colony constructed for this mine. STP of suitable capacity will be constructed along with</p>	Date	pH	COD	TSS	O&G	OCT 23 (1 st FN)	7.36	52.00	46.00	BDL	OCT 23 (2 nd FN)	7.86	44.00	42.00	BDL	NOV 23 (1 st FN)	7.62	44.00	50.00	BDL	NOV 23 (2 nd FN)	5.18	36.00	34.00	BDL	DEC 23 (1 st FN)	7.98	46.00	36.00	BDL	DEC 23 (2 nd FN)				BDL	JAN 24 (1 st FN)	7.21	40.00	32.00	BDL	JAN 24(2 nd FN)	7.40	64.00	48.00	BDL	FEB 24 (1 st FN)	7.32	32.00	40.00	BDL	FEB 24 (2 nd FN)	7.92	52.00	42.00	BDL	MAR 24 (1 st FN)	7.98	60.00	30.00	BDL	MAR 24 (2 nd FN)	7.47	56.00	40.00	BDL
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		the construction of new quarters for the workers of New Majri UG to OC mine.
(ix)	The water pumped out from the mine, after siltation, shall be utilised for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Water pumped out of mine galleries after siltation is being used for dust suppression, fire fighting etc. Catch drains and Garland drains are being desilted before the onset of every monsoon
(x)	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of rive/ rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.	A detailed report on riverine eco- system has been prepared. Copy of same submitted along with Six Monthly EC Compliance report of March 2022 The Mining activity is strictly carried out as per the approved Mining Plan and with due permission of DGMS. The same will continue to be operated as per the above. Diversion of Koradi nullah was done as per the design of CDO Nasik. The construction of embankment to prevent any danger against inrush of surface water into the mine was done as per the approved Mining Plan and as per the guidelines of DGMS
(xi)	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance od 5 km. A rivarine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/water resources department in the state government.	Rivarine/ riparian ecosystem conservation and management plan is prepared and same will be implemented in consultation with the irrigation/water resources department in the state government. Copy of same submitted along with Six Monthly EC Compliance report of March 2022.

(D) Noise And Vibration Monitoring And Prevention

(i)	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard, Adequate awareness programme for users to be	Adequate measures namely proper maintenance of HEMM and controlled blasting is being done so as to control noise levels below 85 dB(A). The workers engaged in noisy environment are provided with ear plugs/muffs. Details of PPE distribution enclosed as annexure 30		
		Noise Monitoring stations are established for monitoring the noise level data and regularly monitored.		
		Noise levels in dB (A)		
		Date	Pit Office	Colony

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	conducted. Progress in usage of such accessories to be monitored.		Day	Night	Day	Night
		OCT 23 (1 st FN)	56.50	54.40	46.30	44.40
		OCT 23 (2 nd FN)	55.70	54.50	45.80	44.90
		NOV 23 (1 st FN)	57.50	56.30	46.20	45.50
		NOV 23 (2 nd FN)	58.50	57.40	45.10	44.80
		DEC 23 (1 st FN)	55.30	54.20	44.10	43.60
		DEC 23 (2 nd FN)	57.30	56.10	44.80	43.20
		JAN 24 (1 st FN)	54.50	53.10	44.60	42.30
		JAN 24 (2 nd FN)	54.30	51.70	45.10	43.80
		FEB 24 (1 st FN)	57.60	55.40	45.40	44.20
		FEB 24 (2 nd FN)	56.40	54.10	45.40	43.50
		MAR 24 (1 st FN)	56.70	54.50	44.10	42.20
		MAR 24 (2 nd FN)	55.40	53.20	44.60	42.40
		STD	75	70	55	45
(ii)	Controlled blasting techniques shall be practised in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.	Controlled blasting is being done as per DGMS guidelines with cord relay and shock tubes.				
(iii)	The noise level survey shall be carried out as per the prescribed guidelines to access noise exposure of the workman at vulnerable points in the mine premises, and report in this regard shall be submitted to the ministry/ RO on six-monthly basis.	Noise level survey shall be carried out as per the DGMS guidelines to access noise exposure of the workman at vulnerable points in the mine premises.				

(E) Mining Plan

(i)	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	Mining is carried out as per the provisions of the Mines Act 1952
(ii)	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	All the activities are being done as per Approved Mining Plan. DGMS circulars are being strictly followed. Mine Closure Plan will be implemented as the mine will reach in final stage of operation.
(iii)	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.	There is no forest land involved in this project
(iv)	Efforts should be made to reduce energy and consumption by conservation, efficiency improvements and use of renewable energy.	Steps for installation of energy efficient lighting is being taken in mine. Renewable energy such as roof top solar power installation at the AGM office and building of Kendriya Vidhyalay is also implemented

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(i)	Digital survey of entire lease hold area/ core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).	Land use pattern of the mine is studied every 3 year through Satellite imagery. Monitoring of same has been done by CMPDIL in 2022. Report of same is uploaded on WCL Website (http://www.westerncoal.in/?q=node/270).																																																							
(ii)	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/ forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for preparation of Mine Closure Plan issued by the Ministry of coal dated 27 th August, 2009 and subsequent amendments.	The final mine void depth will be as per the approved Mine Closure Plan Adequate care will be taken to sustain aquatic life as the void depth will be more than 40 mtr as per mine closure plan once the mine is closed. Backfilled area will be reclaimed by plantation or other useful purposes. Mine closure plan/ guidelines will be followed.																																																							
(iii)	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/"post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/ EMP submitted to this Ministry. Progressive compliance status vis-à-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.	<table border="1" data-bbox="874 1335 1562 1865"> <thead> <tr> <th colspan="7">PLANTATION PROG. AS PER EMP</th> </tr> <tr> <th rowspan="2">Year</th> <th colspan="2">Dumps</th> <th colspan="2">Backfilled</th> <th colspan="2">Others</th> </tr> <tr> <th>Area (Ha)</th> <th>Nos.</th> <th>Area (Ha)</th> <th>Nos.</th> <th>Area (Ha)</th> <th>Nos.</th> </tr> </thead> <tbody> <tr> <td>1st yr</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20</td> <td>50000</td> </tr> <tr> <td>5th yr</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50.2</td> <td>125500</td> </tr> <tr> <td>10th yr</td> <td>60</td> <td>150000</td> <td>0</td> <td>0</td> <td>70.2</td> <td>175500</td> </tr> <tr> <td>15th yr</td> <td>84.6</td> <td>211500</td> <td>0</td> <td>0</td> <td>90.2</td> <td>225500</td> </tr> <tr> <td>End of life</td> <td>84.6</td> <td>211500</td> <td>0</td> <td>0</td> <td>150.2</td> <td>375500</td> </tr> </tbody> </table> <p data-bbox="874 1865 1562 2002">ACTUAL PLANTATION AS ON DATE 2016-17 = 20,000 Nos. over an area of 8 Ha (PLAIN)</p>	PLANTATION PROG. AS PER EMP							Year	Dumps		Backfilled		Others		Area (Ha)	Nos.	Area (Ha)	Nos.	Area (Ha)	Nos.	1 st yr	0	0	0	0	20	50000	5 th yr	0	0	0	0	50.2	125500	10 th yr	60	150000	0	0	70.2	175500	15 th yr	84.6	211500	0	0	90.2	225500	End of life	84.6	211500	0	0	150.2	375500
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		<p>2018-19 = 15,000 Nos. over an area of 6 Ha (PLAIN)</p> <p>2019-20 = 15,000 Nos. over an area of 6 Ha (PLAIN)</p> <p>2021-22 = 35,000 Nos. over an area of 14 Ha (PLAIN) & 15,000 Nos. over an area of 6 Ha (TOP SOIL DUMP)</p> <p>2022-23 = 40,000 Nos. over an area of 16 Ha (TOP SOIL DUMP)</p> <p>2023-24 = 40,000 Nos. over an area of 16 Ha (TOP SOIL DUMP)</p>
(iv)	<p>Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEFCC, CPCB and SPCB.</p>	<p>There is no provision of Fly Ash backfilling or using fly ash for mixing in external dump in approved mining plan</p> <p>New Majri UG to OC Mine is also not yet been approached by any Thermal Power Plant for Ash dumping in mine voids/ external OB Dumps or for utilisation of gypsum in dumps</p> <p>As per the notification, Fly ash for backfilling will be utilised as per notification at the end of mine life when the mine gets abandoned.</p>
(v)	<p>Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site (s) only and shall not be kept unutilized. The topsoil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilised with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the ministry of</p>	<p>12.484 Mm³ Top soil has been excavated till 31.03.2024 and is being stored in the earmarked site and will be utilized as per the plantation programme.</p> <p>41.586 Mm³ OB (excl. top soil) has been excavated till 31.03.2024 and is being stacked at the earmarked dump site only.</p> <p>Grass seeding is being done on Top soil & Hard OB dumps. Moreover, 95,000 nos. trees are planted on both Top Soil dumps to reclaim the dump.</p> <p>However, as per the approved mining plan & Mine closure plan, the entire de-coaled area will be converted into water body as no backfilling is proposed for excavated area of NMUG to OC mine quarry. Backfilling of adjacent mine is being done from OB of this mine.</p> <p>Regarding Monitoring and management of rehabilitated areas, it is submitted that, the same in respect of external OB dump is yet to start as the dump is active. But after vegetation / plantation, the monitoring and management will be continued till it becomes self-sustaining.</p>

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	Environment, Forest and Climate Change/ Regional Office.	Compliance against this condition is a part of Six monthly EC Compliance report which is submitted to RO, MoEF&CC regularly and will continue to be submitted.
(vi)	The project proponent shall make necessary alternative arrangements, if grazing land is involved on core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implemented the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	<p>Not Applicable, most of the land acquired was agriculture land.</p> <p>However, Full grown patch of plantation in green belt (adjacent to mine boundary) are being used by nearby villagers for livestock grazing.</p> <p>Further, to inform that to minimise the land acquisition, no separate land is acquired as grazing land.</p>

(G) Green Belt

(i)	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	Not Applicable as there is no endangered/endemic flora/fauna in and around mine area
(ii)	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic species should be given priority) shall be developed all along the major approach/ coal transportation roads.	<p>The green belt comprising a mix of native species. Photographs enclosed as annexure 7</p> <p>85,000 trees planted over an area of 34 Ha over plain land between mine and adjacent villages along western boundary of mine and 95,000 nos. over an area of 38 Ha on Top Soil dump.</p> <p>Once the trees will grow up or during the course of plantation, it will help in developing the environment where the shrubs, herbs, creepers of native species will grow and develop 3-tier plantation.</p>

(H) Public Hearing and Human Health Issues

(i)	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six-monthly basis.	Adequate illumination is being done in all mine locations.
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(ii)	<p>The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1995 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment time to time.</p>	<p>Complied</p> <p>Regular and Periodical medical examination (IME and PME) of the workers (Departmental as well as contractual workers) has been undertaken at Majri Area Hospital of WCL. Area Hospital is headed by Chief Medical Officer.</p> <p>Health check-up to detect for occupational diseases and hearing impairment is also being done.</p>
(iii)	<p>Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.</p>	<p>Personnel (including outsourced employees) working in mine is provided with protective respiratory devices and adequate training and information on safety and health aspects is also provided at GVTC Majri on inducting in mining activity as well as on regular basis till they work in mines of WCL MAJRI AREA.</p>
(iv)	<p>Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.</p>	<p>Majority of points under public consultation are related to employment. Both direct and in-direct employment is being generated due to the project.</p> <p>The work of providing tubewell at Palasgaon village, RO at Naglone and RO at Palasgaon is done under CER/CSR/EMP Head as per the commitment made during public hearing. Apart from this, other activities such as Medical Camps, Health survey/ check-up, Skill Development training for people in nearby villages, development of roads, Rain Water Harvesting works, Avenue Plantation, providing saplings for plantation in nearby villages are being done</p> <p>Land oustees shall be compensated as per the norms laid down in the CIL R&R policy</p>
(v)	<p>The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014 titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area.</p>	<p>There is no habitation within the Project area. Further, with reference to the OM dtd 29.10.2014, we have been practicing best mine practices such as providing catch drains, garland drains to arrest runoff from the dumps. Adequate rain water harvesting measures are also being taken in and around mine area to recharge the groundwater levels. Regular monitoring of ground water level is also being done in core and buffer zone of the mine.</p> <p>Illumination and sound level of the mine are being monitored regularly inside mine as well as at nearby habitation.</p>

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		<p>Full grown patch of plantation are being used by nearby villagers for livestock grazing. Same plantation is also act as shelter for these livestock's during scorching summers.</p> <p>Vibration monitoring is also being done in nearby Patala village from time to time to ascertain the impact of blasting.</p> <p>Mobile water tankers are used for dust suppression on haul road and Fixed sprinklers are provided for dust suppression on coal transportation road.</p>
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(I) Corporate Environment Responsibility

(i)	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.</p>	<p>The work of providing tubewell at Palasgaon village, RO at Naglone and RO at Palasgaon is done under CER/CSR/EMP Head as per the commitment made during public hearing. Apart from this, other activities such as Medical Camps, Health survey/ check-up, Skill Development training for people in nearby villages, development of roads, Rain Water Harvesting works, Avenue Plantation, providing saplings for plantation in nearby villages are being done.</p> <p>However, as the project is running/ already operational, works taken up in nearby village are accounted in CSR Head.</p>
(ii)	<p>The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ stake holders.</p>	<p>Coal India Limited has its well laid down environmental policy duly approve by the CIL Board.</p> <p>The Environment Policy prescribes for standard operating process/ procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.</p> <p>The company has a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.</p>
(iii)	<p>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will</p>	<p>Environment Cell exists at HQ, Area, & project level. GM (Environment) directly reports to the head of the Organization.</p>

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	directly to the head of the organization.	
(iv)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Report.	The year wise funds earmarked for environmental protection measures are kept in separate account and not diverted for any other purpose.
(v)	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Environmental Audit Cell has been formulated to ensure implementation of all the EC Conditions vide letter no. WCL/HQ/ENV/20-B & 25-1/71-81 dated 18.02.2017.

(J) Miscellaneous

(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. Advertisement given in following 2 Newspapers :- 1) Chandrapur Samachar (Marathi) dated 06.01.2021 2) Mahavidharbha (Hindi) dated 06.01.2021
(ii)	The copies of the environmental clearance shall be submitted by the project proponent to the heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copies of the environmental clearance is submitted to the heads of local bodies, Panchayats and Municipal Bodies and relevant offices of the Government between 02.01.21 to 05.01.21

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(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including result of monitored data on their website and update the same on half-yearly basis.	Compliance of the stipulated environment clearance conditions, including result of monitored data are uploaded on WCL website regularly (http://www.westerncoai.in/?q=node/270).
(iv)	The project proponent shall monitor the criteria, pollutants level namely; PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Pollutants level namely; PM10, PM2.5, CO, SO2, NOx are being monitored at CAAQMS and same is displayed at LED Board installed at CAAQMS Station. Moreover, Ambient AAQ monitoring in core and buffer zone. Data of same is displayed on manual handwritten board installed at Manager Office.
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of environment, Forest and Climate Change at environment clearance portal.	Six-monthly EC Compliance reports are uploaded on MoEF Website/ portal regularly
(vi)	The project proponent shall follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA. II (M) dated 29 th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	There is no habitation within the Project area. Further, with reference to the OM dtd 29.10.2014, we have been practicing best mine practices such as providing catch drains, garland drains to arrest runoff from the dumps. Adequate rain water harvesting measures are also being taken in and around mine area to recharge the groundwater levels. Regular monitoring of ground water level is also being done in core and buffer zone of the mine. Illumination and sound level of the mine are being monitored regularly inside mine as well as at nearby habitation. Full grown patch of plantation are being used by nearby villagers for livestock grazing. Same plantation is also act as shelter for these livestock's during scorching summers. Vibration monitoring is also being done in nearby Patala village from time to time to ascertain the impact of blasting. Mobile water tankers are used for dust suppression on haul road and Fixed sprinklers are provided for dust suppression on coal transportation road.
(vii)	The project proponent shall submit the environmental statement for each financial year in Form-v to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,	Environment Statement for 2022-23 has been submitted to MPCB vide UAN No. 56782 on dated 05.09.2023 as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently.

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	as amended subsequently and put on the website of the company.	Same is also been uploaded on the Company's website along with the status of compliance of EC conditions (http://www.westerncoal.in/?q=node/270).
(viii)	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.	Information to the Regional Office of the MOEF&CC regarding commencement of mining operations has been given via e.mail dated 31.01.2021.
(ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted and is being complied
(x)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and is being complied
(xi)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	Noted
(xii)	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act,1986.	Noted
(xiii)	The ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Noted
(xiv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
(xv)	The regional office of this ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Noted
(xvi)	The above conditions shall 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, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the public liability insurance Act, 1991 along with their amendments and rules and any other orders passed by the Hon'ble supreme court of india/ High courts and any other court of law relating to the subject matter.	Noted
5.	The proponent shall abide by all the commitment and recommendations made in the EIA/ EMP report and also that during presentation to the EAC. All the commitments made on the issues raised	Noted

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	during public hearing shall also be implemented in letter and spirit.	
6.	The proponent shall obtain all necessary clearances/ approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Noted and complied
7.	Any appeal against this environmental clearance shall lie with the National Green Tribunal. If preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act,2010.	Noted
8.	The coal company/ project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time. In terms of the orders dated 2 nd August, 2017 of Hon'ble Supreme Court in WP(Civil) No.114/2014 in the matter of 'Common Cause Vs Union of India & other.	There is no illegal mining in the jurisdiction of WCL Majri Area
9.	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.	There is no illegal mining in the jurisdiction of WCL Majri Area
10.	This environmental compliance shall not be operational till such time the project proponent complies with the above said judgment of Hon'ble Supreme Court, as applicable, and other statutory requirements.	Noted

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Sub Area Manager
New Majri UG to OC Mine
New Majri Sub Area