



सत्यमेव जयते

File No.: IA-J-11015/25/2008-IA-II(M)  
Government of India  
Ministry of Environment, Forest and  
Climate Change  
IA Division

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Dated 16/03/2026



To,

Mr. Prashant M. Lokhande  
M/s. Western Coalfields Limited  
Coal Estate Civil lines, Nagpur-440001, Maharashtra  
E-mail: gmenvironment.wcl@coalindia.in

**Subject:** Expansion of New Majri UG to OC Mine (increase in production capacity from 3.00 MTPA to 3.60 MTPA with reduction in ML area from 706.28 ha to 679.26 ha) by M/s Western Coalfields Limited, located at village: Shivjinagar; Tehsil: Bhadrawati; District: Chandrapur; State: Maharashtra - Environment Clearance for first phase of 20% expansion as per the MoEF&CC OM dated 11/04/2022 – regarding

Sir/Madam,

This is with reference to your online application vide proposal no. IA/MH/CMIN/560399/2025 dated 03.12.2025 seeking for Environmental Clearance under the provision of EIA notification 2006 and as amended therein for the project mentioned above

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A0101MH5844232N
(ii) File No.	IA-J-11015/25/2008-IA-II(M)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Coal Mining
(vii) Name of Project	Expansion of New Majri UG to OC mine
(viii) Location of Project (District, State)	Chandrapur, Maharashtra
(ix) Issuing Authority	MoEF&CC
(x) Applicability of General Conditions	No

3. M/s Western Coalfields Limited has made an online application vide proposal no. IA/MH/CMIN/560399/2025 dated 03.12.2025 along with copy of EIA/EMP report, Form and Certified compliance report seeking for Environment

Clearance (EC) under the provisions of the EIA Notification, 2006, for the project mentioned above. The proposed project activity is listed at schedule no.1 (a) under Category “A” of the schedule of the EIA Notification, 2006. The project does not attract general conditions.

4. The instant proposal was earlier considered in the 38th EAC meeting held on 20-21st January 2026. The same was deferred for want of some additional information. The Proposal was further considered in 40th EAC meeting held during 23rd February, 2026. The MoM for the same may be seen using the web link: [parivesh.nic.in](http://parivesh.nic.in).

#### Details submitted by the project proponent

5. The project of M/s Western Coalfields Ltd is a brownfield project for expansion of production capacity from 3.00 to 3.60 MTPA, for the first phase of 20% expansion as per Ministry’s OM dated 11.04.2022, with reduction in the existing mine lease area of 706.28 ha to 679.26 ha located at Village: Shivjinagar, Tehsil: Bhadrawati, District: Chandrapur.

The ML area in the instant proposal is being reduced from 706.28 ha to 679.26 ha due to land optimization/ rationalisation as per the actual land requirement. The land area being reduced is the left-out land along the mine boundary to avoid the portion of tenancy land.

6. **Previous Approvals:** PP submitted the details of previous approvals in the chronological order as follows

S. No.	Details of Letter No.	EC/ Expansion EC/ Amendment in EC/ Validity extension/ Transfer of EC	Capacity (MTPA)	Area (ha)	Date of issuance	Status of implementation
1	J-11015/25/2008-IA.II(M)	Fresh EC	0.80	479.16	18.02.2011	Implemented
2	J-11015/25/2008-IA.II(M)	EC Expansion	1.20	479.16	13.02.2017	Implemented
3	J-11015/25/2008-IA.II(M)	EC Amendment	1.20	479.16	30.11.2017	Implemented
4	J-11015/25/2008-IA.II(M)	EC Expansion	3.00	706.28	01.01.2021	Being Implemented

The mine is under operation since 2015-16 based on the consent from the State Pollution Control Board. CTO renewal has been obtained from the SPCB vide letter no. Format1.0/CAC/UAN No. 0000196592/CR/2503000952 and is valid up to 31.03.2026

Year	EC Capacity (MTPA)	Actual Coal production (Million tonnes)	Excess production beyond the EC sanctioned capacity (Million tonnes)
2015-16	0.80	0.80	0
2016-17	1.20	1.20	0
2017-18	1.20	1.20	0
2018-19	1.20	1.20	0
2019-20	1.20	1.20	0
2020-21	3.00	1.88	0
2021-22	3.00	1.92	0
2022-23	3.00	1.86	0
2023-24	3.00	1.53	0
2024-25	3.00	3.00	0

Details of the proposal, as ascertained from the proposal documents and as revealed from the discussion held during the meeting, are given as under:

7. **Certified Compliance Report:** The certified compliance report was obtained from Regional Office; MoEF&CC, Nagpur vide letter no: 607/RON/2017-NGP-14857 dated 17.11.2025 for the existing EC. The Action taken report regarding the non-complied condition was submitted to Regional Officer MoEF&CC, Nagpur vide letter no. 2025-26/1598 dated 20.11.2025.

8. **Environmental Site Settings:** The ML area is covered under Survey of India Topo Sheet No 55 P/4 and is bounded by the geographical coordinates ranging from Latitude 20°06’34” N to 20°08’37” N and Longitudes 79°00’30” E and 79°02’20” E.

Project does not fall in the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA), as per CEPI assessment 2018. PP submitted that a certificate has been issued from the Sub-Regional Officer, Maharashtra Pollution Control Board, Chandrapur vide letter no. MPCB/SROC/TB/B-1087 dated 29.10.2025, detailing the aerial distances of the said project from CEPI notified areas. The project is about kms away from the nearby CEPI Area.

The distance from CEPI Areas is as follows:

- MIDC Tadali about 23 kms
- MIDC Ghuggus about 25 kms
- MIDC Chandrapur about 27.5 kms
- MIDC Ballarpur about 45 kms

**Mining Lease:** PP submitted that the total ML Area is 679.26 ha. Out of 679.26 ha of mine lease area, 655.51 ha has been acquired under CBA (A&D) Act, 1957 and 23.75 ha is direct purchase.

The land acquisition details are provided below:

S. No.	Acquisition mode/ Govt. Order/ Notifications as the case may be	SO No.	Date	Total Area acquired (ha)
1	CBA (A&D) Act – Section 9	2991	18.10.2011	431.27
	CBA (A&D) Act – Section 11	2311	05.07.2012	
2	CBA (A&D) Act – Section 9	965	13.10.2022	224.24
	CBA (A&D) Act – Section 11	1399	30.12.2022	
3	Direct Purchase			23.75
	<b>Total</b>			<b>679.26</b>

**Land requirement details of the project:**

Nature of land involved	Existing Area (ha)	Additional area (ha)	Total Area required after expansion (ha)
Non-Forest Land	706.28	-27.02	679.26
Forest Land	0	0	0
<b>Total</b>	<b>706.28</b>	<b>-27.02</b>	<b>679.26</b>

**Forest Area:** There is no forest land involved in the said project.

**Protected Area:** The project is not located within 10 KM of any ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ tiger corridor/ elephant reserve/ elephant corridor etc. However, the PP reported that the project is located about 26 km from the Tiger Reserve i.e. the Tadoba Andheri Tiger Reserve.

PP submitted that Wildlife Conservation Plan has been prepared for 8 nos. Schedule – I species namely Jackal (Canis Aureus), Tiger (Panthera Tigris), Porcupine (Hystrixindica), Python Indian (Python Molurus), Cobra (NajaNaja), Rat Snake (Ptyas Mucosa), Russel’s Viper (Daboiarusselii), Indian Peafowl (Pavocrista). A Site-Specific Wildlife Conservation Plan has been approved by Chief Wildlife Warden / PCCF Wildlife Nagpur vide letter no. kaksh 23(2)/vaji/survey/pr.kr. 140/4708/2025-26 dated 19.02.2026 for an amount of Rs. 700.00 lakhs.

**Other Sensitive Receptors:**

Project site proximity to sensitive area	Distance in km (within 5 km from the ML area)			
	S. No.	Habitation	Distance in km	Direction (w.r.t to mine boundary)
i. Habitation	1.	Naglon	0.2 km	North
	2.	Palasgaon	0.3 km	North
	3.	Shivjinagar	0.1 km	East
	4.	Patala	0.2 km	West
	5.	Majri	1 km	East
	6.	Kuchna	1 km	North

Project site proximity to sensitive area	Distance in km (within 5 km from the ML area)			
	7.	Mangaon	1.4 km	West
	8.	Thorana	2.6 km	West
	9.	Sawarla	2.4 km	South West
	10.	Chalbardi	2.4 km	East
	11.	Vislon	2.4 km	North
	12.	Kondha	3.1 km	East
ii. School	<b>S. No.</b>	<b>School</b>	<b>Distance in km</b>	<b>Direction (w.r.t to mine boundary)</b>
	1	Patala ZP Primary School	0.2 km	West
	2	Naglon ZP Primary School	0.2 km	North
	3	KuchnaKendriyaVidyalay	0.8 km	North
	4	Kuchna Primary School	1 km	North
	5	Majri ZP Primary School	1 km	East
	6	DrAmbedkarEng School Majri	1 km	East
	7	KaramvirVidhyalayMajri	1 km	East
	8	Kona ZP Upper Primary School	1 km	South
	9	ZP. Primary School Zola	2 km	West
	10	Balaji High Sawarla	2.4 km	South West
	11	Z.P Primary School Govari	3 km	South
	12	Z.P Upper Primary School Kolara	4 km	South
	13	ZP Primary School Wadgaon	4.5 km	West
	14	Z.P Primary School Pimpri	5 km	South
iii. River/ Waterbody	<b>S. No.</b>	<b>Name of the Water Bodies</b>	<b>Distance in km</b>	<b>Direction (w.r.t to mine boundary)</b>
	1	Wardha river (HFL:193.65 m)	0.1 km (flows along the mine boundary)	West & South
	2	Shirna Nallah	0 km (flows along the mine boundary)	East
	3	Diverted Koradi Nallah	0 km (inside the mine lease area)	North
iv. Forest	NA			
v. Archaeological Survey of India (ASI) protected site	NA			
vi. Any other	<b>Other mines:</b>			
	<b>S. No.</b>	<b>Nearby mines</b>	<b>Distance in km</b>	<b>Direction (w.r.t to mine boundary)</b>
		New Majri II A OC Mine	1 kms	Southeast
		Kolarpimpri OC Mine	2 kms	South-Southeast
		NavinKunada OC Mine	4 kms	Southeast
		JunaKunada OC Mine	5 kms	Southeast
	<b>Highway/ Railway:</b>			
	<b>S. No.</b>	<b>Nearby mines</b>	<b>Distance in km</b>	<b>Direction (w.r.t to mine boundary)</b>
		NH-930	Adjacent to mine	West

Project site proximity to sensitive area	Distance in km (within 5 km from the ML area)		
			boundary
	Majri Railway station	1.5 kms	East

In present proposal, no river/ nallah diversions are proposed. Earlier, a nallah has been diverted for the existing project in FY 2016-17 as per CDO Nashik Design and as per the directive of district administration vide letter no. kavi/k.li./prastu-3/2016/260 dated 20/05/2016. No further nallah diversion is proposed in the present expansion proposal. Same was also recorded in Environment Clearance issued vide letter no. J-11015/25/2008-IA-II(M) dated 01.01.2021.

#### Diversions to be done:

(i) **PWD Road Diversion:** Majri-Patala Road is proposed for diversion. Existing length is 2 kms and proposed length after diversion will be 2.8 kms. The work will be taken up by PWD Deptt. on deposit basis after the finalisation of alignment of Embankment along Wardha River.

(ii) **HT Line Diversion:** Two nos. 11 KV HT line are proposed to be diverted. Existing length of 3.5 km and proposed length will be 4.5 km.

#### Mitigation measures proposed for the sensitive receptors:

- (i) Avenue plantation along proposed PWD Road after diversion and plantation on embankment.
- (ii) Green barrier development in the vacant spaces between mines and habitation areas.

**9. Method of Mining and Mining Plan:** Mining Plan (Including Progressive Mine Closure Plan) has been approved by the WCL Board in 376th meeting vide letter no. WCL/Office of CS/BM-376/2025-26/273 dated 13.06.2025.

i. Method of mining proposed to be carried out is opencast mining by deploying shovel dumper combination.

ii. Total mineable reserve as per the mine plan was 50.83 MT and the balance mineable reserve as on 01.04.2025 is 25.39 MT. Extractable reserve as on 01.04.2025 is 24.12 MT. Percent of extraction is 95%.

iii. There is one composite seam with multiple sub sections with thickness ranging from 4.32 m to 18.89 m are workable.

iv. The average grade of coal is G-11 and stripping ratio is 12.49 cum/t.

v. Life of mine is 11 years (As on 01.04.2025) i.e. [6 years production life + 3 yrs Mine closure activities + 2 yrs Post mine closure monitoring]

vi. The project has 4 nos. external dumps including Embankment within its lease in an area of 144.4 ha with 67 m max height. The project has proposed the backfilling in the adjacent New Majri II A OC Mine wherein 178.36 ha of Internal Dump with 90 m max height of adjacent mine i.e. New Majri II A OC Mine will be reclaimed. As on 31.03.2025, 35.999 Mm<sup>3</sup> Overburden (OB) is stored in external dump and 1.106 Mm<sup>3</sup> OB is stored in internal dump within lease of mine. Further, 1.83 Mm<sup>3</sup> OB will be utilized for construction of Embankment. In addition to this, 349 Mm<sup>3</sup> will be backfilled in the internal dump of adjacent mine (New Majri II A OC Mine) by the end of mine life. Out of this, 49.589 Mm<sup>3</sup> is already backfilled as on 31.03.2025.

#### a. Dump Details:

Details	Internal Dumps of New Majri UG to OC Mine		Internal Dumps of adjacent New Majri II A OC Mine (Outside lease)		External Dumps (incl. Embankment) of New Majri UG to OC Mine		Remarks
	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Whether external dump is outside mine lease area
Existing (As on March 2025)	01	1.106	5*	49.589	04**	35.999	No

Details	Internal Dumps of New Majri UG to OC Mine		Internal Dumps of adjacent New Majri II A OC Mine (Outside lease)		External Dumps (incl. Embankment) of New Majri UG to OC Mine		Remarks
	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Nos.	Quantity of Waste/OB stored (Mm <sup>3</sup> )	Whether external dump is outside mine lease area
Proposed	0	0	*	299.60	**	1.83	
Total	01	1.106	5*	349.189	04**	37.829	

\*At present there are five internal dumps in adjacent New Majri II A OC Mine and these dumps are outside the Lease of New Majri UG to OC Mine. In future, backfilling will be done on these internal dumps.

\*\*At present 4 nos. of external dumps including embankment are utilized. In future, no additional external dumps will be created. Only OB will be utilised for further creation of embankment.

**b. Specification of each dump:**

Dump No	Area (ha)	Height (m)	Quantity (Mm <sup>3</sup> )	Type (Internal/External)
<b>NEW MAJRI UG TO OC MINE</b>				
Embankment	53.20 ha	6 m above HFL	4.61	External
Hard OB dump (3)	56.09 ha	67 m	25.182	External
Top Soil dump (2)	25.84 ha	45 m	5.60	External
Top Soil dump (4)	9.27 ha	41 m	2.437	External
Internal dump	2.24 ha	Within mine void	1.106	Internal
<b>NEW MAJRI II A OC MINE (Adjacent Mine)</b>				
Hard OB dump (5H)	36.08 ha	90 m	349.189	Internal
Hard OB dump (5A)	13.93 ha	90 m		Internal
Hard OB dump (7A)	67.97 ha	90 m		Internal
Top Soil dump (5S)	19.68 ha	30 m		Internal
Top Soil dump (6)	40.70 ha	40 m		Internal
<b>TOTAL</b>			<b>388.124</b>	

vii. Total quarry area will be 358.35 ha which will act as final mine void with a depth of 260 m. Final mine void will be converted into water body.

viii. Land-use details

**a. Pre-Mining Land Use** (within mine lease)

S. No.	Type of Land	Area (in ha)
1	Agricultural	654.76
2	Forest land	-
3	Wasteland / Govt. Land	24.50
4	Grazing Land	-
<b>Total Mining lease area</b>		<b>679.26</b>

**b. Post Mining land use**

S.N.	Post Mining Land use	Land use (ha)				Total
		Plantation	Water Body	Public/ Company use	Undisturbed	
1	External OB Dump & Top soil dump	91.19	-	-	-	91.19
2	Excavation	-	358.35	-	-	358.35
3	Embankment	-	-	25.00	28.20	53.20
4	Roads	-	-	15.00	-	15.00
5	Built up area (Infrastructure)	-	-			

S.N.	Post Mining Land use	Land use (ha)				
		Plantation	Water Body	Public/ Company use	Undisturbed	Total
6	Safety Zone/ rationalization Area (including Garland drain, Nalla Diversion and greenbelt)	133.81	5.00	-	22.71	161.52
	<b>Total</b>	<b>225.00</b>	<b>363.35</b>	<b>40.00</b>	<b>50.91</b>	<b>679.26</b>

Void will be converted as water body at end of mine life.

ix. **Details of transportation:**

i. In-pit to surface: By dumpers

ii. Surface to siding: By tippers at a distance of 1.3 km through dedicated coal transportation road of WCL.

iii. Siding to loading: By pay loaders

iv. Quantity being transported by road/ rail/ conveyor/ ropeway: 01 no. Railway siding is there in adjacent New Majri II A OC Mine i.e. at a distance of 1.3 kms from New Majri UG to OC Mine. 100% of the produced coal is being transported through rail except small scale industry (up to 10% of the total coal production).

x. **Details of reclamations:** Total afforestation for the instant project shall be done in 225 ha which will include, 91.19 ha of external OB dump and top soil dump and 133.81 ha of safety zone, greenbelt area and embankment. A void of 358.35 ha will be converted into water body with a depth of 260 m. Density of plantations shall be 2500 nos of plants per ha.

10. **Baseline data:** Baseline data was collected during the period of 15th March'2025 to 15th June'2025

Period	15 <sup>th</sup> March'2025 to 15 <sup>th</sup> June'2025	
AAQ parameters at 13 Locations (min and max)	<p><b>Core zone:</b>  <math>PM_{10} = 79 \text{ g/m}^3</math> to <math>188 \text{ g/m}^3</math>  <math>PM_{2.5} = 45 \text{ g/m}^3</math> to <math>77 \text{ g/m}^3</math>  <math>SO_2 = 24 \text{ g/m}^3</math> to <math>30 \text{ g/m}^3</math>  <math>NO_x = 29 \text{ g/m}^3</math> to <math>38 \text{ g/m}^3</math></p> <p><b>Buffer Zone:</b>  <math>PM_{10} = 64 \text{ g/m}^3</math> to <math>92 \text{ g/m}^3</math>  <math>PM_{2.5} = 36 \text{ g/m}^3</math> to <math>54 \text{ g/m}^3</math>  <math>SO_2 = 13 \text{ g/m}^3</math> to <math>32 \text{ g/m}^3</math>  <math>NO_x = 17 \text{ g/m}^3</math> to <math>37 \text{ g/m}^3</math></p>	
Incremental Level	GLC	<p><b>Core Zone:</b>  <math>PM_{10} = 13.45 \text{ g/m}^3</math> GLC plus baseline is <math>201.45 \text{ } \mu\text{g/m}^3</math>  <math>PM_{2.5} = 2.46 \text{ g/m}^3</math> GLC plus baseline is <math>78.96 \text{ } \mu\text{g/m}^3</math>  <math>SO_2 = 0.70 \text{ g/m}^3</math> GLC plus baseline is <math>30.70 \text{ } \mu\text{g/m}^3</math>  <math>NO_x = 10.66 \text{ g/m}^3</math> GLC plus baseline is <math>46.66 \text{ } \mu\text{g/m}^3</math></p> <p><b>Buffer Zone:</b>  <math>PM_{10} = 0.81 \text{ g/m}^3</math> GLC plus baseline is <math>92.81 \text{ } \mu\text{g/m}^3</math>  <math>PM_{2.5} = 0.16 \text{ g/m}^3</math> GLC plus baseline is <math>54.16 \text{ } \mu\text{g/m}^3</math>  <math>SO_2 = 0.10 \text{ g/m}^3</math> GLC plus baseline is <math>32.10 \text{ } \mu\text{g/m}^3</math>  <math>NO_x = 0.73 \text{ g/m}^3</math> GLC plus baseline is <math>37.73 \text{ } \mu\text{g/m}^3</math></p>
Groundwater quality at 7 Locations	<p>pH: 7.3 to 7.9,  TDS: 254 to 1178 mg/l,  Chlorides: 24 to 368 mg/l,  Fluoride: 0.08 to 1.4 mg/l.  Lead, Arsenic, Cadmium, Chromium: Below Detection Limit</p>	
Surface water quality at 6 Locations	<p>pH: 7.3 to 8.3;  DO: 4.7 to 5.65 mg/l  BOD: from 2.1 mg/l to 3.4 mg/l</p>	
Noise levels Leq (Day and Night)	<p>Core Zone: 50.7 to 68.7 dB(A) for the daytime and 41.6 to 64.5 dB(A) for the Night time.  Buffer Zone: 40.3 to 48.3 dB(A) for the daytime and 37.7 to 44.5 dB(A) for the Night time.</p>	

Period	15 <sup>th</sup> March'2025 to 15 <sup>th</sup> June'2025				
Traffic assessment study findings	Traffic study has been conducted at the Mine boundary. A dedicated Road Over bridge (ROB) and Rail Under Bridge (RUB) is constructed for coal transportation from mine to railway siding. The railway Siding is about 1.3 kms from mine boundary and exist in adjacent New Majri II A OC Mine. The coal transportation from mine is completely through Rail only. Existing PCU is 751.40 PCU/hr on Coal Transportation Route and existing level of service (LOS) is given below:				
	Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	Existing V/C Ratio	LOS
	Mine to Railway Siding	751.40	1500	0.5	C (Good)
	Proposed V/C = 0.53 which also comes under LOS of C (Good) Note: Capacity as per IRC-106-1990 Guide line for capacity for roads is 1500. Conclusion: The level of service will remain Good (C) and there will be no public traffic on this route.				
Flora and fauna	Wildlife Conservation Plan has been prepared for 8 nos. Schedule – I species namely Jackal (Canis Aureus), Tiger (Panthera Tigris), Porcupine (Hystrixindica), Python Indian (Python Molurus), Cobra (NajaNaja), Rat Snake (Ptyas Mucosa), Russel's Viper (Daboiarusselii), Indian Peafowl (Pavocrista). A Site-Specific Wildlife Conservation Plan has been approved by Chief Wildlife Warden / PCCF Wildlife Nagpur vide letter no. kaksh 23(2)/vaji/survey/pr.kr. 140/4708/2025-26 dated 19.02.2026 for an amount of Rs. 700.00 lakhs.				
Water Requirement	Source of Water: Mine water through pumping and tubewell (5369 KL/day = Industrial 5229 KL/day and Domestic = 140 KL/day) Ground Water Intersection: Yes In core zone the ground water level has been reported to be varying between 3.7 m to 5.10 m during pre-monsoon and between 2.4 m to 3.8 m during post-monsoon. In buffer zone the ground water level has been reported to be varying between 3.7 m to 10 m during pre-monsoon and between 1.6 m to 5.7 m during post-monsoon. <b>NOC (Ground Water):</b> The Original NOC for abstraction of groundwater has been granted vide letter no CGWA/NOC/MIN/ORIG/2020/7125 dated 09.01.2020 with validity upto 08.01.2022. Renewal of CGWA NOC granted vide letter no CGWA/NOC/MIN/REN/1/2026/12028 with validity upto 08.01.2026. The NoC has been obtained for 5626 KLD.				

**11. Water Requirement:** PP submitted that the total water required for the project is 5369 KLD. Source of water is Mine Seepage Water, Stored water in galleries of Underground mine. As the mine is now converted in OC mine. However, the borewell in underground galleries, is used to withdraw water to meet water requirement for dust suppression, fire-fighting etc. Water in underground galleries was stored during stowing to keep the galleries water tight to prevent subsidence and avoid fire. Water usage quantity: Industrial use: 5229 KLD; Domestic use: 140 KLD. NOC from CGWA obtained vide NOC no. CGWA/NOC/MIN/ORIG/2020/7125 dated 09.01.2020 with validity upto 08.01.2022 in respect of Expansion of New Majri UG to OC Mine for which renewal granted & NOC no. CGWA/NOC/MIN/REN/1/2026/12028 with validity upto 08.01.2026. The NoC has been obtained for 5626 KLD. The excess water will be discharged into nearby water body, after treatment. Further, PP submitted that no water body is proposed to be diverted. However, earlier a nallah has been diverted for the existing project in FY 2016-17 as per CDO Nashik Design and as per the directive of district administration vide letter no. kavi/k.li./prastu-3/2016/260 dated 20/05/2016. No further nallah diversion is proposed in the present expansion proposal.

**12. Power Requirement and details of diversion of Hi-Tension/ Transmission Line:** The power requirement for the mine is projected to be 8251 KVA at peak. Two nos. 11 KV line is proposed to be diverted. The existing length of 11 KV lines is 3.5 km (under Warora Sub division) and 3.5 km (under MSETC Bhadrawati Sub Division) respectively. The proposed length after diversion for HT lines will be 4.5 km.

**13. Solid and Hazardous Waste:** The details of solid and hazardous waste generation along with its mode of treatment/ disposal is furnished as below:

S. No.	Type of Waste	Source	Quantity	Mode of Treatment	Mode of Disposal
1.	Overburden	Mining	388.124 Mm <sub>3</sub>	OB Dump	Dumping / Backfilling
2.	ETP Sludge	ETP	10 TPA	Sludge Drying Bed	Disposed off by Authorised agency by MPCB
3.	Oil contaminated Waste	HEMM	2.5 TPA	Disposed off by Authorised agency by MPCB	Disposed off by Authorised agency by MPCB
4.	Used Oil	HEMM	86 KLPA	Sold to authorised recycler	Sold to authorised recycler

**14. Status of implementation of action plan as per the Public Consultation held on 12.12.2019 for the EC dated 01.01.2021:**

Details of advertisement given	Lokmat 09.11.2019 and Hitwada 10.11.2019
Date of public consultation	12.12.2019
Venue	Community Hall, WCL Kuchna Complex, Tehsil Bhadrawati, Chandrapur District, Maharashtra
Presiding Officer	Additional District Magistrate
Number of Person Attended Hearing	638 (approx.)
Number of representations received in writing from the district and outside of district	18 Nos.
Major issues raised	R&R, Employment, CSR, Blasting, Crop Compensation, land acquisition, Environment Pollution etc

*Action plan as per MoEF&CC O.M. dated 30/09/2020*

S. No	Physical activity and action plan		Year of implementation (Rs in Lakhs)						Total Expenditure (Rs. in Lakhs)	
			(20-21)	(21-22)	(22-23)	(23-24)	(24-25)	(25-26)		(26-27)
			Completed Activities			Proposed				
1	Medical Camps & Misc. Health related	Organizing Medical camps in nearby villages including Kuchana, Majri, Patala, Palasgaon&Naglone villages (8-10 camps/yr) Covid 19 Pandemic	1.21	4.80	1.99	1.93	3.65	2.00	2.00	<b>17.58</b>
2	Road Diversion	PWD Road (Majri-Patala Road) Diversion (existing length 2 kms)	Survey of PWD department was done. The work will be done by PWD deptt. On deposit basis						Proposed by March 2028 (PR Provision of Rs 404.22 Lakhs)	
3	Rehabilitation	Dafai no. 1	Rehabilitation of Dafai will be done by State Government as per Shabri Gharkul Yojna. WCL will provide additional support in terms of Rs 1.5 Lakhs per family. Amount will be deposited to State government and will be disbursed by District administration						Proposed by March 2028 (Rs 1437.10 Lakhs)	
4	OB Dumping, Submergence	Deepening of garland drain and other natural drain	Completed as per regular activity departmentally					3.00	3.00	6.00 Regular Activity
5	Blasting/ Monitoring	Blast Vibration Monitoring	Completed as per regular activity departmentally					Departmentally		Regular Activity
6	Drinking	Construction of RO				6.44	8.59	11.18	10.00	<b>36.21</b>

S. No	Physical activity and action plan		Year of implementation (Rs in Lakhs)						Total Expenditure (Rs. in Lakhs)	
			(20-21)	(21-22)	(22-23)	(23-24)	(24-25)	(25-26)		(26-27)
	Name of the Activity	Physical Targets	Completed Activities			Proposed				
	Water Supply	water plant at Naglone&Kuchana Villages Providing RO water filter with Chiller at Majri Village Providing Chlorine Dozer pump with Hand pump/Borehole at Naglone and Palasgaon Villages Installation of RO Purifier at Bharatiya Gramin Vidyalaya Kuchana Village Proposed- RO plant at Patala village and Thorana village in 2026-27								
7	School Infra-structure	Renovation of 2nos. of Public toilets at Mahavir School, Majri Basti Providing 03 Computers and 03 Printers at ZP School in Patala Village Proposed- Toilet, Compound Wall and Paver Blocks at Bhartiya Gramin Vidyalaya- Thorana Village in 2026-27	1.09					2.89	5.00	<b>8.98</b>
8	Hygiene and Drainage system	Construction of Drainage line at Patala &Palasgaon Villages Swacchhta Program in all villages within 2 kms Construction of Toilet block with borehole for Male & Female at Majri basti and Patala Village Providing E-Garbage Rikshaw at Naglone Village	6.54	2.00	3.50	2.00	12.70		4.00	<b>30.74</b>
9	Other Infra-structure	Electrification of Hanuman Mandir - completed Repair of village road - regular Recreation / Cultural Hall Bhadrawati,			24.73	3.84		21.67	20.00	<b>70.24</b>

S. No	Physical activity and action plan		Year of implementation (Rs in Lakhs)						Total Expenditure (Rs. in Lakhs)
			(20-21)	(21-22)	(22-23)	(23-24)	(24-25)	(25-26)	
	Name of the Activity	Physical Targets	Completed Activities			Proposed			
		Construction of Cemetery Shed in Patala Village Installation of one Hi-Mast with LED lights in Patala Village Installation of 5 KWP Solar panel at Kuchana & Majri Villages							
	<b>Total</b>		<b>8.84</b>	<b>6.80</b>	<b>30.22</b>	<b>14.21</b>	<b>24.94</b>	<b>40.74</b>	<b>44.00</b>

15. **EMP Budget:** The capital cost of the project is Rs. 49638.29 Lakhs. The proposed EMP Capital for the project for next 5 years is Rs 2069.70 Lakhs including Plantation activity. The annual recurring cost towards the environmental protection measures is proposed as Rs. 217.68 Lakhs. The employment generation from the project is 566 (direct employment). The details of cost for environmental protection measures are as follows:

S No.	Description of Item	Existing (Rs in Lakhs)		Proposed (Rs in Lakhs)	
		Capital Cost	Recurring Cost	Capital Cost	Recurring Cost
(i)	Air Pollution Control / Noise Management	67.24	21.44	121	18.25
(ii)	Water Pollution Control	54.70	101.79	20	22.80
(iii)	Environmental Monitoring and Management	85.01	269.583	60	74.57
(iv)	Green Belt and plantation development	--	352.99	1858.70 (Plantation outside lease, Miyawaki plantation and safety zone and other plantation on dumps within ML Area and outside from 2026-27 to 2030-31)	77.097
(v)	Other heads as proposed in EIA	--	495.107	10	24.96
	<b>TOTAL</b>	<b>206.95</b>	<b>1240.91</b>	<b>2069.70</b>	<b>217.68</b>

16. **Plantation:** Existing green cover has been developed in 78 ha area which is about 11.48 % of the total mine lease area of 679.26 ha with total sapling of 195000 Trees. Proposed green cover will be developed in 147 ha which is about 21.64 % of the total mine lease area. Thus, total of 225 ha area (33.12% of ML area) will be developed as green cover. Current Plantation include Greenbelt and Safety Zone Plantation along Eastern and Northern Boundary of Mine with width of 20-50 mtr. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of 5,62,500 saplings will be planted and nurtured in 225 hectares by the end of mine life (6 years of production life + 3 years of post-closure activities).

17. **Rehabilitation and Resettlement (R&R):** R&R of Dafai Village located within the ML Area is proposed to be rehabilitated. There are 136 marginalised families living at Dafai no. 1. As informed by PP, the encroached land is the government land acquired by PP. Maharashtra Government offered rehabilitation under Shabari Gharkul Yojana to these families which includes plot and Rs 1.50 Lakh assistance for construction of house. Additional support/ financial contribution in the form of uniform Top-Up of 1.50 lakh per family is also agreed by PP. Further, PP informed that the

rehabilitation will be completed by State Government by March 2028.

**18. Details of pending litigation:** PP reported that there is one litigation pending before Hon'ble National Green Tribunal, Pune Bench vide no. 101/2020 (WZ) reg. Compensation against the crop damage due to submergence and demand of R&R benefits through acquisition of affected land.

S. No.	Name of the Court/ Tribunal	Name of the specific Court/ Bench	Case Category & Number	Status of court case	Prayer	Orders/ Directions of the court, if any, and its relevance with the proposed project
1	NGT	NGT Western Zone- Pune Bench	Original Application	Pending	Original Application No. 101/2020 (WZ) Issue is related to the crop loss of the petitioner. To direct the Tehsildar, Bhadrawati, Dist- Chandrapur, Collector- Chandrapur- and CMD- WCL Majri to take steps so that no further loss is caused to the petitioner and his field in the future and to restore the original position of the agricultural land of the petitioner.	No order/Direction of the court in this regard has been received. Next date of 16.06.2026.

**Observation and deliberation of the EAC:**

**19. Committee after deliberations noted the following:**

i. The instant proposal is for grant of environment clearance to M/s Western Coalfields Ltd. for Expansion of New Majri UG to OC Mine (increase in production capacity from 3 MTPA to 3.6 MTPA, with decrease in ML area from 706.28 ha to 679.26 ha), located at Village: Shivjinagar, Tehsil: Bhadrawati; District: Chandrapur; State: Maharashtra. The proposal is for expansion in production capacity by 20% (1st Phase) as per Ministry's OM dated 11.04.2022.

ii. Ministry has previously granted EC for the said project vide letter dated 01.01.2021 for the production capacity of 3 MTPA within the ML area of 706.28 ha. The instant proposal is for decrease in the ML area. The area being reduced is due to land optimization and reconciliation carried out with reference to actual land acquired and verified land records. The 27.02 Ha of the area being reduces is non-forestland and non-coal bearing zone.

iii. The above – mentioned EC is under implementation and the proponent has achieved the production capacity of 3 MTPA in the FY 2024-25.

iv. MoEF&CC has issued an OM on 11.04.2022 to facilitate all applications seeking prior EC for modernization/ expansion with increase in production capacity up to 50% within the existing premises/ mine lease area, without any additional land acquisition. Through this OM, Ministry has provided guidelines for availing expansion up to 50% of the original EC capacity without Public Hearing in two stages (0-20% & 20-40%). Public Consultation (written comments) shall be required for third stage i.e., 40-50% expansion.

v. The ML area is not located within the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA). A certificate has been issued from the Sub-Regional Officer, Maharashtra Pollution Control Board, Chandrapur vide letter no. MPCB/SROC/TB/B-1087 dated 29.10.2025, detailing the aerial distances of the said project from CEPI notified areas.

vi. The EAC took into consideration the project site through KML file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH.

vii. There is no forest land involved in the project.

viii. The project is not located within 10 KM of any ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve/ tiger corridor/ elephant corridor etc. There is presence of Schedule – I species within the study

area and a Site-Specific Wildlife Conservation Plan has been approved by Chief Wildlife Warden / PCCF Wildlife Nagpur vide letter no. kaksh 23(2)/vaji/survey/pr.kr. 140/4708/2025-26 dated 19.02.2026 for an amount of Rs. 700.00 lakhs. Committee opined that the approved amount shall be deposited with the State Wildlife Department for the implementation of the SSWLCP.

ix. Mining Plan (Including Progressive Mine Closure Plan) has been approved in 376th Meeting by the WCL Board vide letter WCL/Office of CS/BM-376/2025-26/273 dated 13.06.2025. Method of mining proposed to be carried out is opencast mining by deploying shovel dumper combination.

x. Total mineable reserve as per the mine plan was 50.83 MT and the balance mineable reserve as on 01.04.2025 is 25.39 MT. Extractable reserve as on 01.04.2025 is 24.12 MT. Percent of extraction is 95%. The average grade of coal is G-11. Life of mine is 11 years (as on 01.04.2025) - [6 years production life + 3 yrs mine closure activities + 2 yrs Post mine closure monitoring].

xi. Committee further deliberated on the method of transportation proposed for the said project and observed that coal from in-pit to surface is proposed to be transported through dumpers, from surface to siding the same is being transported through tippers through internal CT roads and further to consumers through railway.

A dedicated coal transportation road is provided for transportation of coal from mine to Railway siding i.e. 1.3 kms from mine boundary and in the boundary of adjacent New Majri II A OC Mine. Committee opined that PP shall submit the mitigation measures for the same and comply with all the measures submitted. Committee also opined that, PP shall take adequate measures to control the pollution being done due to road transportation of coal and PP shall carryout regular maintenance of the potholes on roads, repair and maintenance of roads, scrapping of material fallen on roads, and removal of scraps from mining areas. Along with this, PP shall make sure that all the pollution control equipments are in good working condition and maintenance of those equipments are regularly carried out. Committee also opined that PP shall develop thick plantation with native and fruit bearing species on both the sides of the coal transportation road.

xii. Committee deliberated on the OB dumping strategy for the said mine and observed that, there is one nos of internal dump and 4 nos. of external dumps in new Majri UG to OC mine as on date. No further OB dumps are proposed in the said mine, rather OB from the instant mine will be dumped into the internal dumps of the adjacent New Majri II A OC Mine. There are 5 nos of internal dumps present in the adjacent New Majri II A OC Mine, which will be used for dumping OB from the instant mine.

xiii. Committee observed that, the excavated void of 358.35 ha. is proposed to be converted into the waterbody, with a depth of 260 m. Committee opined that the PP shall explore the possibility to reduce the depth of the said mine void in future by backfilling the OB of other mines in the said void.

xiv. Committee deliberated on the baseline data submitted by the PP and observed that, the baseline data has been collected during 15th March 2025 to 15th June 2025. The PM10, PM2.5 and NOx parameters are observed to be on the higher side. With the ADS reply PP submitted the additional mitigation measures included in the EMP for the same, along with the revised GLC by taking into consideration the other additional mitigation measures. Committee observed that there is one number of CAAQMS installed in the core zone and one in the buffer zone of the said mine. Committee opined that PP shall install one more CAAQMS in buffer zone in consultation with SPCB, within 1 year from the date of grant of EC.

xv. PP submitted that the total water required for the project is 5369 KLD. Source of water is Mine Seepage Water & Water from Underground Galleries. Water usage quantity: Industrial use: 5229 KLD; Domestic use: 140 KLD. NOC from CGWA obtained vide NOC no. CGWA/NOC/MIN/ORIG/2020/7125 dated 09.01.2020 with validity upto 08.01.2022 and renewal granted vide NOC no. CGWA/NOC/MIN/REN/1/2026/12028 with validity upto 08.01.2026. The NoC has been obtained for 5626 KLD. The excess water will be discharged into nearby water body, after treatment. Further, PP submitted that no water body is proposed to be diverted. However, earlier, a nallah has been diverted for the existing project in FY 2016-17 as per CDO Nashik Design and as per the directive of district administration vide letter no. kavi/k.li./prastu-3/2016/260 dated 20/05/2016.

xvi. The power requirement for the mine is projected to be 8251 KVA at peak. Two nos. 11 KV line is proposed to be diverted. The existing length of 11 KV lines is 3.5 kms (under Warora Sub division) and 3.5 kms (under MSETC

Bhadrawati Sub Division) respectively. The proposed length after diversion for HT lines will be 4.5 km. Committee opined that diversion shall be made only after obtaining permission from the competent authority.

xvii. Committee deliberated on the compliance of the PH action plan for the public hearing held on 12.12.2019 for EC dated 01.01.2021 and further proposed to be undertaken. Committee observed that, till now the PP had spent Rs. 85.01 Lakhs for the compliance of the PH action plan and further, Rs. 84.74 Lakhs are more proposed to be spent. Committee opined that the same shall be utilized in a time bound manner.

xviii. Further, Committee deliberated on EMP budget submitted by the PP and observed that, the capital cost for environmental protection measures is proposed as Rs 2069.70 Lakhs and the annual recurring cost towards the environmental protection measures is proposed as Rs. 217.68 Lakhs/ Annum. Committee opined that the same shall be efficiently implemented in a time – bound manner.

xix. Committee further deliberated on the plantation developed by the PP till date and observed that, existing green cover has been developed in 78 ha area which is about 11.48% of the total mine lease area of 679.26 ha with total sapling of 195,000 Trees. Proposed green cover will be developed in 147 ha which is about 21.64 % of the total mine lease area. Thus, total of 225 ha area (33.12% of ML area) will be developed as green cover. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary with saplings of native species with 2 meter height will be planted and developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. This should be done within 2 years from the date of obtaining the EC. Local and native species of not less than 4 feet height will be planted with a density of 2500 trees per hectare. Total no. of 5,62,500 saplings will be planted and nurtured in 225 hectares by the end of mine life (6 years of production life + 3 years of post-closure activities). Committee further observed in the CCR obtained by the PP that, complete greenbelt is yet to be developed. PP submitted that total perimeter of the mine lease area of the integrated project is 11 km out of which greenbelt developed is in about 4 km. The remaining area will be developed as a Greenbelt consisting of 3-tier plantation of width not less than 7.5 m all along the mine lease area by June 2027 including incentives to local villagers for maintenance and nurturing of plants. Committee opined that the proponent should distribute the saplings of fruit bearing plants to the nearby villagers and should incentivise them for its survival.

xx. Committee deliberated on the R&R of Dafai Village located within the ML Area which is proposed to be rehabilitated. There are 136 marginalized families living at Dafai no. 1. As informed by PP, the encroached land is the government land acquired by PP. Maharashtra Government offered rehabilitation under Shabari Gharkul Yojana to these families which includes plot and Rs 1.50 Lakh assistance for construction of house. Additional support / financial contribution in the form of uniform Top-Up of 1.50 lakh per family is also agreed by PP. Further, PP informed that the rehabilitation will be completed by State Government by March 2028. Committee opined that the same shall be expedited at the earliest.

xxi. Committee observed that there is one litigation pending before Hon'ble National Green Tribunal, Pune Bench vide no. 101/2020 (WZ) regarding compensation against the crop damage due to submergence and demand of R&R benefits through acquisition of affected land. Committee opined that the PP shall abide by the final order of the Tribunal.

xxii. Committee deliberated on the certified compliance report obtained by the PP from Regional Office; MoEF&CC, Nagpur vide letter no. 607/RON/2017-NGP-14857 dated 17.11.2025 in the name of Expansion of New Majri UG to OC Mine of M/s. Western Coalfields Limited. Committee observed that there is one condition w.r.t to construction of toe wall which is stated as non-complied. PP submitted that a study in this respect was carried out through VNIT Nagpur and as per the findings of the same it is not feasible to construct a 15 m tall toe wall. Hence a 1.5 m tall toe wall has been constructed. Committee opined that PP should have sought amendment in the said condition. Later, PP also submitted an application for seeking amendment in the said condition. However, Committee opined that, 2 proposals for the same project cannot be dealt in simultaneity. Hence the proposal submitted by the PP for amendment has been returned in its present form and the said aspect has been dealt in the current proposal.

xxiii. Committee opined that PP shall align its activities with the sustainable development goals.

xxiv. The EAC also deliberated on the ADS reply of the project proponent and found it satisfactory.

#### **Recommendations of the Committee:**

20. Based on the discussions held and the documents submitted, the EAC **recommended** the proposal of Environment Clearance for “*Expansion of New Majri UG to OC Mine (increase in production capacity from 3.00 MTPA to 3.60 MTPA with reduction in ML area from 706.28 ha to 679.26 ha) by M/s Western Coalfields Limited, located at village: Shivjinagar; Tehsil: Bhadrawati; District: Chandrapur; State: Maharashtra*”, under the provisions of EIA Notification, 2006 (as amended), subject to the compliance of the following specific conditions in addition to the general/Standard EC conditions (**Annexure-I**).

21. The MoEF&CC has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the EAC hereby accords Environmental Clearance to **M/s. Western Coalfields Limited** for “*Expansion of New Majri UG to OC Mine (increase in production capacity from 3.00 MTPA to 3.60 MTPA with reduction in ML area from 706.28 ha to 679.26 ha, located at village: Shivjinagar; Tehsil: Bhadrawati; District: Chandrapur; State: Maharashtra*” subject to compliance of the Specific Environmental safeguard Conditions in addition to the standard EC conditions (**Annexure-I**).

22. 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.

23. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

24. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

25. 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.

26. General Instructions:

(i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.

(ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

(iii) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing 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.

(iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(v) 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.

(vi) The Regional Office of this MoEF&CC 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.

(vii) Validity of EC is as per the provision of EIA Notification, 2006 and its subsequent amendment.

27. This issue with an approval of the Competent Authority.

Yours faithfully,

**Copy To**

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Principal Secretary, Department of environment, Government of Maharashtra-15th Floor, New Admin Bldg, Madam Cama Road, Mantralaya, Mumbai-32, Maharashtra.
3. The Deputy Director General of Forests (C), Regional Office, Ministry of Environment, Forest and Climate Change, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440 001,
4. The Chairman, Maharashtra State Pollution Control Board, Kalpataru Point, 3rd & 4th Floors, Sion, Matunga Scheme Road No 8, Opp. Cine Planet Cinema, Near Sion circle, Sion ( E ) Mumbai-2.
5. The Member Secretary, Central Ground Water Authority (CGWA),18/11Jamnagar House, Man Singh Road, New Delhi-11001.
6. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
7. The Member Secretary, State Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. PVR Cinema, Sion Circle, Mumbai-400 022, Maharashtra.
8. The Regional Director, Central Ground Water Board, Central Region, N.S. Building, Civil Lines, Nagpur 440 001 Maharashtra.
9. District Collector, Chandrapur, Government of Maharashtra.
10. PARIVESH Portal.

**Annexure 1**

**Specific EC Conditions for (Mining Of Minerals)**

**1. Specific Conditions**

S. No	EC Conditions
1.1	The amount of Rs. 700 Lakhs approved for Site – Specific Wildlife Conservation Plan shall be deposited with the State Wildlife Division at the earliest and the SSWLCP shall be implemented in a time – bound manner.
1.2	The excess mine water shall be discharged in the nearby waterbody after proper treatment with prior approval of MPCB.
1.3	Project proponent shall ensure that following control measures are implemented for protection of Wardha River throughout the mine life. a. Grassing and stone pitching on the Embankment b. Plantation on the slopes and on the top of embankment c. The embankment will be regularly inspected and maintained
1.4	Proponent shall carryout regular maintenance of the potholes on roads, repair and maintenance of pavement & shoulders of roads, scrapping of material fallen on roads, and removal of scraps from mining areas. Along with this, PP shall make sure that all the pollution control equipments are in good working condition and maintenance of those equipments are regularly carried out.

S. No	EC Conditions
1.5	Project proponent shall obtain environmental safeguards from MPCB within 30 days from the date of grant of environmental clearance as per OM dated 25/11/2025. Compliance in this regard shall be submitted to the Ministry and Regional Office of MoEF&CC.
1.6	Project proponent shall explore the feasibility to reduce the depth of mine void by backfilling it with the OB other mines. Action plan in this regard shall be submitted to the Regional Office of MoEF&CC within 1 year from the date of grant of EC.
1.7	Project proponent shall install one additional CAAQMS (in addition to already existing 2 nos of CAAQMS, 1 each in buffer zone and core zone) in the buffer zone, within 2 km of the core zone, in consultation with the SPCB, within 1 year from the date of grant of EC. The action plan be prepared and implemented for maintaining good ambient air quality.
1.8	Project proponent shall take the required permission from the concerned authority before diverting the two nos. 11 KV line.
1.9	The budget proposed for Public Hearing is Rs. 84.74 Lakhs (in next two year). The budget proposed shall be kept in a separate account and shall be audited annually. Project proponent shall implement the action plan to address the all issues raised during public hearing within a time frame of 2 years from the date of grant of EC. PP shall submit the progress report regarding the implementation of the action plan to concerned RO along with the six-monthly compliance report.
1.10	Project proponent shall implement the protective measure proposed in Environment Management Plan (EMP) in a time-bound manner. The budget earmarked for the same is Rs 2069.70 Lakhs (Capital) and Rs 217.68 Lakhs per annum (recurring) and should be kept in separate accounts and audited annually. The implementation status along with the amount spent with documentary proof shall be submitted to the concerned Regional Office for the activities carried out during the previous year.
1.11	Total of 225 ha area (33.12% of ML area) shall be developed as green cover. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary with planting the saplings of native species with 2 meter height shall be developed as greenbelt and green cover as per CPCB/ MoEF&CC, New Delhi guidelines. Local and native species of not less than 4 feet height shall be planted with a density of 2500 trees per hectare. Total no. of 5,62,500 saplings shall be planted and nurtured in 225 hectares by the end of mine life (6 years of production life + 3 years of post-closure activities). The remaining area (i.e., 7 ha on the periphery of The ML area) shall be developed as a Greenbelt consisting of 3-tier plantation of width not less than 7.5 m all along the mine lease area by June 2027 including incentives to local villagers for maintenance and nurturing of plants. Proponent should also distribute the 50,000 saplings per year mainly of fruit bearing plants to the nearby villagers and should incentivise them for its survival till the life of mine. Thick plantation with the native and fast-growing species shall also be carried out on both the sides of the coal transportation road with saplings of height not less than 4 feet.
1.12	R&R for the all the Project Affected Families (PAFs) for the existing and expansion project should be rehabilitated as per R&R plan to be approved by the State Government. Compliance status in this regard shall be submitted to the concerned Regional Office of MoEF&CC along with the six-monthly compliance report.
1.13	Project proponent shall comply with the final order of Hon'ble National Green Tribunal, Pune Bench vide case no. 101/2020 (WZ).

S. No	EC Conditions
1.14	Project Proponent shall strengthen the existing Primary Health Center (PHC) & Community Health Center (CHC) with day care centre in the study area for better public health care. PHCs & CHCs within the core and buffer zone shall be supported with adequate budget over 2 years, for improving facilities for enhancing quality of public health service. Compliance status in this regard shall be submitted along with the six-monthly compliance to the concerned Regional Office of MoEF&CC.
1.15	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 MoEF&CC.
1.16	PP shall ensure that all types of plastic waste generated from the plant shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016 (as amended). In pursuant to the Ministry's OM dated 18/07/2022. PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministry's Notification published by the Ministry on 12/08/2021. A report along with photograph on the measures taken shall also be included in the six-monthly compliance report being submitted by PP.
1.17	PP shall carry out Occupational Health study by the Central Institute of Mining and Fuel Research (CIMFR) to aware the employees, preventing injury, and reducing the health issues in the workplace. All the recommendations of the study shall be complied by the proponent and project for next phase of expansion shall be submitted only after the compliance of the same.
1.18	Third-party audit (by NEERI/CIMFR/IIT/NITs) for air & water quality shall be carried out annually to keep a check on the same. PP shall implement the recommendations of the audit and submit the outcome of the audit to the concerned RO of MoEF&CC.
1.19	Project proponent is advised to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day to increase the forest cover across the Country. This plantation drive is other than Greenbelt development. The action in this regard shall be submitted concerned RO in six monthly.

**Standard EC Conditions for (Mining of minerals)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

S. No	EC Conditions
1.3	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/ Hazardous & Other Waste Management Rules, 2016.
1.4	Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein.

## 2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Project proponent shall obtain requisite consent from State Pollution Control Board for 3.6 MTPA coal mining.
2.2	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO <sub>2</sub> and NO <sub>x</sub> . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board.
2.3	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) 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.
2.4	Effective control measures such as regular water sprinkling/rain gun/ Fog cannon /mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport roads, 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.
2.5	Major approach roads shall be black topped and properly maintained.
2.6	PP should Install Wind breaker/shield arrangement along the railway siding for reducing the dust propagation in upwind direction.
2.7	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres

## 3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
3.1	PP shall take approval from the CGWA/ Competent Authority prior to commencement of mining operations.
3.2	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the

S. No	EC Conditions
	parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September 2000 and as amended from time to time by the Central Pollution Control Board.
3.3	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 27th May 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
3.4	Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff.
3.5	Industrial wastewater from coal handling plant and mine water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made thereunder, and as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic wastewater.
3.6	Industrial effluent and domestic wastewater shall be treated in the Effluent treatment Plant (ETP) and Sewage Treatment Plant (STP). After treatment, treated water shall be reused for plantation.
3.7	The water pumped out from the mine, after siltation, shall be utilized 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

#### 4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	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 conducted. Progress in usage of such accessories to be monitored.
4.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

#### 5. Mining Plan

S. No	EC Conditions
5.1	Project proponent shall obtain star rating as per the guidelines of Ministry of Coal.
5.2	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.

S. No	EC Conditions
5.3	No change in mining method, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).
5.4	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).
5.5	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.

## 6. Land Reclamation

S. No	EC Conditions
6.1	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).
6.2	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 27th August, 2009 and subsequent amendments.
6.3	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-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.
6.4	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 top soil 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 Environment, Forest and Climate Change/ Regional Office.
6.5	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

## 7. Public Hearing And Human Health Issues

<b>S. No</b>	<b>EC Conditions</b>
<b>7.1</b>	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored
<b>7.2</b>	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, 1955 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, if any, as amended time to time.
<b>7.3</b>	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.
<b>7.4</b>	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.
<b>7.5</b>	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.
<b>7.6</b>	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z11013/5712014-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'.

### 8. Corporate Environment Responsibility

<b>S. No</b>	<b>EC Conditions</b>
<b>8.1</b>	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.
<b>8.2</b>	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 directly to the head of the organization.

### 9. Miscellaneous

<b>S. No</b>	<b>EC Conditions</b>
<b>9.1</b>	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.

S. No	EC Conditions
9.2	The copies of the environmental clearance shall be submitted by the project proponents 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.
9.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
9.4	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.
9.5	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, as amended subsequently and put on the website of the company.
9.6	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
9.7	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9.8	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.
9.9	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.
9.10	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.
9.11	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9.12	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
9.13	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.
9.14	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.