

**EC COMPLIANCE REPORT OF BALLARPUR OCP (0.625 MTPA),  
EC REF No. J-11015/71/2013-IA-II(M) dated 15.10.2020**

Sr no.	Conditions	Status of Compliance
1	Clarification from District Forest Officer that mining area and its ancillary activities does not fall under Corridor of Tadoba and life Sanctuary (Telangana). Chaprala Wildlife Sanctuary. Painganga Wild life Sanctuary. and Tipeshwar Wildlife Sanctuary.	Mining area and its ancillary activities does not fall under Corridor of Tadoba and life Sanctuary (Telangana). Chaprala Wildlife Sanctuary. Painganga Wild life Sanctuary. and Tipeshwar Wildlife Sanctuary. Clarification from DFO shall be sought.
2	Validity of the existing EC along with capacity expansion is upto the life of the mine or 5 years, whichever is earlier from the date of issue of such letter.	Agreed.
3	The project proponent shall obtain Consent to Establish/Operate from the State Pollution Control Board for the proposed peak capacity of 0.625 MTPA (Peak) prior to commencement of the production.	CTO has been obtained for a production capacity of 0.625 MTPA ON 11.11.2022 and same is valid upto 30.06.2023. Copy of same is attached as Annexure 1.
4	All the non-compliance/partly complied condition as per certified compliance report of RO, Nagpur vide its report dated 7 May, 2020 shall be complied within 2 years	Agreed and will be complied. Copy of ATR against non-compliance/partly complied condition as per certified compliance report of RO, Nagpur vide its report dated 7 May, 2020. Same has been attached as Annexure 2.
5	Third party monitoring (by NEERI/CIMFR/IIT) for air quality shall be carried out at identified locations, both ambient and the process area, to arrive at impact of the proposed expansion. The results along with the recommendation shall be presented before the EAC to assess the efficacy and adequacy of pollution control measures.	Four ambient air quality monitoring stations are - (i) Manager Office – Ballarpur UG (ii) Premises of SAM office (iii) Substation – Ballarpur OC (iv) Filter Plant/ Colony The stations have been fixed considering the meteorological data, topographical features etc. and it is in consultation with MPCB, Chandrapur. It is being monitored by CMPDIL regularly. As per agreement, third party monitoring will be done by NEERI.
6	Transportation of coal from Coal Handling Plant (CHP) shall be through mechanized covered trucks. The State Pollution Control Board, while considering consent to operate for the project, shall ensure that with the proposed coal transportation by road. Air quality would remain within the national ambient air quality standards	Transportation of coal is carried through tarpaulin covered trucks from mobile crusher. 3.00 km of internal roads are black topped. Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. 03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 no of 08 KL) are used for sprinkling on roads., 8 nos of rainsguns at railway siding and 2 nos at weighbridge are installed. Photos of same is attached herewith as Annexure 3.
7	Mitigating measures shall be	Transportation of coal is carried through tarpaulin covered trucks

	<p>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/logging arrangement. wind barrier vertical greenery system. green belt. dust suppression arrangement at loading and unloading points, etc</p>	<p>from mobile crusher. 3.00 km of internal roads are black topped. Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. 03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 no of 08 KL) are used for sprinkling on roads.,8 nos of rainsguns at railway siding and 2 nos at weighbridge are installed.</p>																			
8	<p>Continuous monitoring of occupational safety and other health hazards and the corrective actions need to be ensured.</p>	<p>Periodic health check up of mine workers are carried out once in 5 years with the purpose of detecting occupational diseases and hearing impairments. Every worker in the mine is examined in 5 years- up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.</p> <p>Details of IME and PME done at Ballarpur Area is given below:</p> <table border="1" data-bbox="643 943 1442 1095"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">IME (in nos.)</th> <th colspan="2">PME (in nos.)</th> </tr> <tr> <th>Acheived</th> <th>Target</th> <th>Acheived</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>953</td> <td>1220</td> <td>1425</td> <td></td> </tr> <tr> <td>2022</td> <td>857</td> <td>1220</td> <td>1216</td> <td></td> </tr> </tbody> </table>	Year	IME (in nos.)		PME (in nos.)		Acheived	Target	Acheived	Target	2021	953	1220	1425		2022	857	1220	1216	
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9	<p>Persons of nearby villages shall be given training on livelihood and skill development to make them employable</p>	<p>Mobile repairing training programme from/ 19/02/2019 to 19/03/2019(25 nos. participants) Beautician course from 03/03/2019 to 31/03/2019(25 nos. participants), was organized for local communities in 2018-19 with an expenditure of 2.82 lakhs. Tailoring Programme for 25 nos. participants has been completed.</p>																			
10	<p>Mechanism for treating stored mine water shall be developed to avoid any ground and surface water contamination</p>	<p>Untreated Mine water is not stored, hence there is no scope for ground and surface water contamination.</p>																			
11	<p>Active OB Dump should not be kept barren/open and should be covered by temporary grass to avoid air born of particles</p>	<p>There is no further external OB dumping envisaged in the project.</p>																			
12	<p>Project proponent to plant 1,50,000 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>	<p>Plantation could not be carried out in the past 2 years due to constraints in availability in land. It is proposed to plant 35000 nos. In FY 23-24 and further in the FY 24-25 target of 150000 shall be completed as land will be available due to backfilled land. Total plantation on existing OB Dump and embankment is 1,14,500 Nos. Further plantation of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution will be carried out.</p> <table border="1" data-bbox="643 1924 1453 2063"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2											
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13	Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017- IA. I I I dated 30th September 2020 and based on commitment made during public consultation process for incorporating in EIA-EMP for deliberation of EAC.	The Coal India Limited Corporate Environment Policy 2019 duly followed WCL is attached herewith as Annexure 4.																												
14	Project Proponent shall obtain blasting permission from DGMS for conducting mining operation near villages and also explore deployment of rock breakers of suitable capacity in the project to avoid blasting very near to villages. There shall be no damages caused to habitation/structures due to blasting activity.	Controlled Blasting is being practiced as per DGMS permission. Copy of the permission from DGMS attached herewith as Annexure 5. There is no damages caused to habitation/structures due to blasting activity.																												
15	The Project Proponent shall comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 14 of 2014 in the matter of Common Cause versus Union of India and Ors. State Government shall ensure that the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 14 of 2014 in the matter of Common Cause versus Union of India and Ors	<p>Balance life of mine is 5 yrs. The progress of mining activities are being carried out as per approved mining plan.</p> <p>Yearwise production details are as follows:</p> <table border="1"> <thead> <tr> <th>Sr no</th> <th>Year</th> <th>Production (MT)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2017-18</td> <td>0.625</td> </tr> <tr> <td>2</td> <td>2018-19</td> <td>0.625</td> </tr> <tr> <td>3</td> <td>2019-20</td> <td>0.625</td> </tr> <tr> <td>4</td> <td>2020-21</td> <td>0.23</td> </tr> <tr> <td>5</td> <td>2021-22</td> <td>0.27</td> </tr> <tr> <td>6</td> <td>2022-23</td> <td>0.1</td> </tr> </tbody> </table> <p>As per the above details, there is no violation in the coal production done from the commencement of the mine.</p>	Sr no	Year	Production (MT)	1	2017-18	0.625	2	2018-19	0.625	3	2019-20	0.625	4	2020-21	0.23	5	2021-22	0.27	6	2022-23	0.1							
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16	Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) in case of intersecting the Ground water table. The intersecting ground water table can only be	NOC for ground water abstraction has been obtained from CGWA vide CGWA/NOC/MIN/ORIG/2021/12464 valid from 03/08/2021 to 02/08/2023. Copy of CGWA NOC is attached herewith as Annexure 6.																												

	commence after conducting detailed hydrogeological study and necessary permission from the CGWA. The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry, CG WA and State Pollution Control Board	
17	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 B P, 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 antsnake venom including all other paramedical safeguards may be ensured before initiating the mining activities	Periodic health check up of mine workers are carried out by Occupational Health Specialist once in 5 years with the purpose of detecting occupational diseases and hearing impairments. Every worker in the mine is examined in 5 years- up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.
18	Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z- 11013/57/2014-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	The project proponent is adhering to the mitigation measures as per the guideline specific under the title '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' OM No.Z11013/5712014- IA.II (M) dated 29th October, 2014.
19	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 to 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	The illumination and sound at night at project sites does not disturb the villages in respect of both human and animal population. The observations are found well within the threshold limit.

	keeping the noise levels wet 1 within the prescribed limits for day light/night hours	
20	Hon'ble Supreme Court in an Writ Petition(s) C ivi 1 No. 11 4/20 14. Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora. fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEFCC	Agreed and will be complied.

**Specific condition with respect area being in CPAs**

Sr no.	Conditions	Status of Compliance												
1	CTE/CTO for the project shall be obtained from the SPCB as required under the Air (Prevention and Control of Pollution) Act. 198 1 and the Water (Prevention and Control of Pollution) Act, 1974. and the SPCB shall follow the mechanism/protocol issued by the Ministry vide letter no. Q-1 60 17/38/20 1 8-CPA dated 24" October. 2019 while issuing the CTE/CTO for the project, for improvement of environmental quality in the area	CTO has been obtained for a production capacity of 0.625 MTPA valid upto 30.06.2023. Copy of same is attached as Annexure 1.												
2	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>Total plantation on existing OB Dump and embankment is 114500 Nos. Further plantation of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution will be carried out.</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1
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3	In addition, the project proponent shall develop green belt outside the plant premises such as avenue plantation, plantation in vacant areas social forestry etc.	<p>Total plantation on existing OB Dump and embankment is 114500 Nos. Further plantation of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution will be carried out.</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> <tr> <td>3</td> <td>2000-01</td> <td>10000</td> <td>4</td> </tr> <tr> <td>4</td> <td>2002-03</td> <td>5000</td> <td>2</td> </tr> <tr> <td>5</td> <td>2004-05</td> <td>8750</td> <td>3.5</td> </tr> <tr> <td>6</td> <td>2009-10</td> <td>5000</td> <td>2</td> </tr> <tr> <td>7</td> <td>2014-15</td> <td>2500</td> <td>1</td> </tr> <tr> <td></td> <td><b>TOTAL</b></td> <td><b>1,14,500</b></td> <td><b>45.8</b></td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1	3	2000-01	10000	4	4	2002-03	5000	2	5	2004-05	8750	3.5	6	2009-10	5000	2	7	2014-15	2500	1		<b>TOTAL</b>	<b>1,14,500</b>	<b>45.8</b>
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4	Monitoring of compliance of EC conditions may be submitted with third party audit every year.	NEERI has conducted third party EC compliance assessment in FY2021-22 and the report of NEERI on EC compliance is awaited. After receiving the same it shall be submitted to MOEFCC.																																				
5	Fund allocation for Corporate Environment Responsibility (CER) shall be atleast 2 times the amount given as per Ministry's O.M. No. 22-65/2017-IA.11 I dated 30 <sup>th</sup> September 2020 and based 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.	The Coal India Limited Corporate Environment Policy 2019 duly followed WCL is attached.																																				
6	Effective fugitive emission control measures should be imposed in the process, transportation, packing etc.	Transportation of coal is carried through tarpaulin covered trucks from mobile crusher. 3.00 km of internal roads are black topped. Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. 03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 no of 08 KL) are used for sprinkling on roads., 8 nos of rainsguns at railway siding and 2 nos at weighbridge are installed.																																				
7	Transportation of materials by conveyor belt, wherever feasible.	Transportation of coal is carried through tarpaulin covered trucks from mobile crusher. 3.00 km of internal roads are black topped.																																				

		Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. 03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 no of 08 KL) are used for sprinkling on roads., 4 nos of rainsguns at Coal stock yard and 2 nos at weighbridge are installed.
8	A detailed water harvesting plan may be submitted by the project proponent	Roof top rain water harvesting structure has been constructed at Manager Officer of Ballarpur OCM having rooftop area of 290.52 sqm.
9	In case, domestic waste water generation is more than 10 KLD, the industry may install STP.	At present, Septic tank and soak pit systems provided and working effectively and satisfactorily.
10	Monitoring of compliance of EC conditions may be submitted with third party audit every year.	NEERI has conducted third party EC compliance assessment in FY2021-22.
11	All other conditions stipulated in the environmental clearance letter dated 30 January, 2015 shall also apply.	Agreed and will be complied.

**EC COMPLIANCE REPORT OF BALLARPUR OCP (0.625 MTPA), EC REF NO.J11015/71/2013-IA.II (M) Dated, 30TH JANUARY 2015**

**A. Specific Conditions**

S.N o.	Condition	Status of Compliance																					
i)	The maximum production from mine at any given time shall not exceed the limit as prescribed in EC	Complied and the production doesn't exceed 0.625 MTPA. The coal production for last 5 years is : <table border="1" data-bbox="667 1451 1485 1816"> <thead> <tr> <th>Sr no</th> <th>Year</th> <th>Production (MT)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2017-18</td> <td>0.625</td> </tr> <tr> <td>2</td> <td>2018-19</td> <td>0.625</td> </tr> <tr> <td>3</td> <td>2019-20</td> <td>0.625</td> </tr> <tr> <td>4</td> <td>2020-21</td> <td>0.23</td> </tr> <tr> <td>5</td> <td>2021-22</td> <td>0.27</td> </tr> <tr> <td>6</td> <td>2022-23</td> <td>0.1</td> </tr> </tbody> </table>	Sr no	Year	Production (MT)	1	2017-18	0.625	2	2018-19	0.625	3	2019-20	0.625	4	2020-21	0.23	5	2021-22	0.27	6	2022-23	0.1
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ii)	The validity of the EC is for the life of the mine or as specified in EIA notification, 2006, whichever is earlier	Noted.																					
iii)	Mining shall be carried out as per Statute at a safe distance from the	Mining operation is being carried out as per statute by keeping a safe distance i.e 160 m from seasonal nallah with due permission																					

	seasonal nallah flowing within / close to the lease boundary.	from DGMS.																																				
iv)	Top soil should be stacked properly with proper slope at earmarked site and should not be kept active and shall be used for reclamation and development of green belt.	<p>Top soil is being stacked at separate dump No 8 Quantity: 12.398 Mm<sup>3</sup> (as on June 2022). During the initial years it was carpeted over embankment and plantation developed over it. At present there is no excavation of fresh top soil. The top soil excavated in the recent past has been placed at Dump No 8 which is proposed to be carpeted over the backfilled area in a progressive manner. Top soil removed in last 2 years is:</p> <table border="1"> <thead> <tr> <th>Sr no</th> <th>Year</th> <th>Top soil removed (Mm<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Upto 2020-21</td> <td>12.128</td> </tr> <tr> <td>2</td> <td>2021-22</td> <td>0.16</td> </tr> <tr> <td>3</td> <td>2022-23</td> <td>0.1</td> </tr> </tbody> </table>	Sr no	Year	Top soil removed (Mm <sup>3</sup> )	1	Upto 2020-21	12.128	2	2021-22	0.16	3	2022-23	0.1																								
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v)	The existing OB dumps which have been biologically reclaimed shall be monitored and if required stabilized with plantation using native species.	<p>It will be complied. Total plantation on existing OB Dump and embankment is 114500 Nos.</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> <tr> <td>3</td> <td>2000-01</td> <td>10000</td> <td>4</td> </tr> <tr> <td>4</td> <td>2002-03</td> <td>5000</td> <td>2</td> </tr> <tr> <td>5</td> <td>2004-05</td> <td>8750</td> <td>3.5</td> </tr> <tr> <td>6</td> <td>2009-10</td> <td>5000</td> <td>2</td> </tr> <tr> <td>7</td> <td>2014-15</td> <td>2500</td> <td>1</td> </tr> <tr> <td></td> <td><b>TOTAL</b></td> <td><b>1,14,500</b></td> <td><b>45.8</b></td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1	3	2000-01	10000	4	4	2002-03	5000	2	5	2004-05	8750	3.5	6	2009-10	5000	2	7	2014-15	2500	1		<b>TOTAL</b>	<b>1,14,500</b>	<b>45.8</b>
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vi)	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off of 2015	Now all the existing old OB dumps have been biologically reclaimed and stabilized with native species, as such there is no siltation & flow of sediments from these dumps. Hence, no toe wall is required to check run off. However, a Gabion wall (Length – 300 m Height – 3.00 m) has been constructed along the Wardha river as per the directions of Maharashtra Pollution Control Board.																																				
vii)	Drills should be wet operated	Drills are being wet operated.																																				
viii)	Roads shall be metal topped and mechanical sweepers shall be regularly deployed to minimize clear the dust off the main approach and mineral transportation roads. Water sprinkling (fixed and mist type, mobile) shall be done regularly	Approx. 3.00 km of internal roads are black topped. Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. 03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 no of 08 KL) are used for sprinkling on roads., 8 nos of rainsguns at railway siding and 2 nos at weighbridge are installed.																																				
ix)	The company shall obtain approval of CGWA/ CGWB	NOC for ground water abstraction has been obtained from CGWA vide CGWA/NOC/MIN/ORIG/2021/12464 valid from 03/08/2021																																				



	Regional office for use of ground water if any for mining operations.	to 02/08/2023. Copy of CGWA NOC attached herewith as Anneuxre 6.																																								
x)	Coal Transportation in pit by Dumpers, surface to siding by Dumpers and loading to siding by Pay Loaders	Coal Transportation in pit is done by Dumpers, surface to siding is done by Dumpers and loading to siding is being done by Pay Loaders.																																								
xi)	The production shall be within the same Mining Lease area	The production is contained within the same mining lease area of 242.64 Ha.																																								
xii)	The depth of the void shall be 35 m from the ground level and should be adequate for fishery purpose.	Noted and will be complied. The post mining land use will be as per approved reports. The final mine void dept depth which will be reached after the end of mine will be appropriately addressed.																																								
xiii)	The OB shall be completely re-handled at the end of the mining. The rest of the area will be backfilled upto the ground level and covered with about a meter thick top soil and put to use.	Noted and will be complied. The backfilling is in progress. Out of 69.019 Mm <sup>3</sup> . The details of OB excavated ,backfilled and area physically reclaimed is as follows: <table border="1" data-bbox="667 875 1461 1400"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>OB removed (Mm<sup>3</sup>)</th> <th>OB Backfilled (Mm<sup>3</sup>)</th> <th>Physical reclamation (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2016-17</td> <td>3.54</td> <td>3.54</td> <td>0</td> </tr> <tr> <td>2</td> <td>2017-18</td> <td>4.432</td> <td>4.443</td> <td>3.204</td> </tr> <tr> <td>3</td> <td>2018-19</td> <td>2.734</td> <td>2.8</td> <td>7.5</td> </tr> <tr> <td>4</td> <td>2019-20</td> <td>0.112</td> <td>0.112</td> <td>2.7</td> </tr> <tr> <td>5</td> <td>2020-21</td> <td>0.14</td> <td>0.14</td> <td>0</td> </tr> <tr> <td>6</td> <td>2021-22</td> <td>0.993</td> <td>0.993</td> <td>0</td> </tr> <tr> <td>7</td> <td>2022-23</td> <td>0.18</td> <td>0.18</td> <td>0</td> </tr> </tbody> </table>	Sr no.	Year	OB removed (Mm <sup>3</sup> )	OB Backfilled (Mm <sup>3</sup> )	Physical reclamation (Ha)	1	2016-17	3.54	3.54	0	2	2017-18	4.432	4.443	3.204	3	2018-19	2.734	2.8	7.5	4	2019-20	0.112	0.112	2.7	5	2020-21	0.14	0.14	0	6	2021-22	0.993	0.993	0	7	2022-23	0.18	0.18	0
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xiv)	Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine.	The embankment of Length – 5.5 km and Height – 10 m have been constructed along the river boundary is of suitable dimensions and stabilized with plantation so as to withstand the peak flow and prevent mine inundation. A Gabion wall(Length – 300 m Height – 3.00 m) has been constructed along the Wardha river as per the directions of Maharashtra Pollution Control Board.																																								
xv)	The CSR cost should be Rs 5/tonnes of coal produced which should be adjusted as per the annual inflation.	Agreed, will be complied as per the CIL's CSR policy under Companies Act, 2013, The fund for the CSR will be allocated based on 2% of the average net profit of the Company for the three immediate preceding financial years or Rs 2.00 per Tonne of Coal Production of the previous year whichever is higher. CSR works performed are as follows: <ol style="list-style-type: none"> <li>1. Construction of Vyamshala at Rajendra Prasad Ward Ballarpur</li> <li>2. Construction of Vyamshalaa Zakir Husain Ward Ballarpur</li> <li>3. WBM road to Bamboo Cluster at Bamni village</li> </ol>																																								

		<p>4. Construction of Sanskrit Bhavan at Ballarpur under CSR</p> <p>5. Construction of concrete road at ShivajiNagar Ballarpur under CSR</p> <p>6. Providing and fixing 12.5 mtr high mas Tower at Ballarpur Nagar Praishad</p> <p>7. Construction of compound wall at Mount Fort school at Bamni under CSR</p> <p>8. Construction of drain at Visapur</p> <p>Expenditure in last 5 years is as follows:</p> <table border="1"> <thead> <tr> <th>Sr no</th> <th>Year</th> <th>Expenditure (Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2017-18</td> <td>24.04</td> </tr> <tr> <td>2</td> <td>2018-19</td> <td>7.82</td> </tr> <tr> <td>3</td> <td>2019-20</td> <td>237.35</td> </tr> <tr> <td>4</td> <td>2020-21</td> <td>47.05</td> </tr> <tr> <td>5</td> <td>2021-22</td> <td>2.17</td> </tr> <tr> <td>6</td> <td>2022-23</td> <td>25.39</td> </tr> </tbody> </table>	Sr no	Year	Expenditure (Lakhs)	1	2017-18	24.04	2	2018-19	7.82	3	2019-20	237.35	4	2020-21	47.05	5	2021-22	2.17	6	2022-23	25.39
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xvi)	Everybody in the core area should be provided with mask for protection against fugitive dust emissions	Dust masks are provided to the workers operating in mine and in the core area for protection against fugitive dust emissions.																					
xvii)	Dust mask to be provided to everyone working in the mine area	Workers engaged in mine area are provided with appropriate personal protective equipments.																					
xvii i)	The supervisory staff should be periodically responsible for ensuring compulsory regarding wearing of dust mask in the core area.	Workers engaged in mine area are provided with appropriate personal protective equipments. Regular awareness programs for training and retraining of workers are also conducted in the vocational training center of Area.																					
xix)	People working in the core area should be periodically tested for the lung diseases and the burden of cost on account of working in the coal mine area.	Periodic health check up of mine workers are carried out once in 5 years with the purpose of detecting occupational diseases and hearing impairments. Every worker in the mine is examined in 5 years- up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.																					
xx)	The mining area should be surrounded by green belt having thick canopy of the tree cover.	<p>Will be complied. Total plantation on existing OB Dump and embankment is 114500 Nos</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1									
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xxi )	The embankment constructed along the boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.	<p>The embankment for protection of mine working has only been constructed with OB as per Statute, the embankment has been stabilized with plantation. The backfilling is in progress. Out of 69.019 Mm<sup>3</sup> of OB excavated upto September 2021, 66.062 Mm<sup>3</sup> has been accommodated in void.</p> <p>The embankment of Length – 5.5 km and Height – 10 m have been Biologically reclaimed and there after stabilized by plantation of native species i.e Shisham, Karanji, Neem, etc.</p> <p>A Gabion wall (Length – 300 m Height – 3.00 m) has been constructed along the Wardha river as per the directions of Maharashtra Pollution Control Board.</p>																																			
xxii )	There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.	Complied. A Gabion wall (Length – 300 m Height – 3.00 m) has been constructed along the Wardha river as per the directions of Maharashtra Pollution Control Board. Embankment has been stabilized with plantation.																																			
xxii i)	There shall be no external OB dumps.	<p>Complied. All the OB generated is backfilled. 69.019 Mm<sup>3</sup>. The details of OB excavated, backfilled and area physically reclaimed is as follows:</p> <table border="1"> <thead> <tr> <th>Sr no .</th> <th>Year</th> <th>OB removed (Mm<sup>3</sup>)</th> <th>OB Backfilled (Mm<sup>3</sup>)</th> <th>Physical reclamation (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2016-17</td> <td>3.87</td> <td>3.87</td> <td>0</td> </tr> <tr> <td>2</td> <td>2017-18</td> <td>4.432</td> <td>4.443</td> <td>3.204</td> </tr> <tr> <td>3</td> <td>2018-19</td> <td>2.74</td> <td>2.74</td> <td>7.5</td> </tr> <tr> <td>4</td> <td>2019-20</td> <td>0.112</td> <td>0.112</td> <td>2.7</td> </tr> <tr> <td>5</td> <td>2020-21</td> <td>0.14</td> <td>0.14</td> <td>0</td> </tr> <tr> <td>6</td> <td>2021-22</td> <td>0.99</td> <td>0.99</td> <td>0</td> </tr> </tbody> </table>	Sr no .	Year	OB removed (Mm <sup>3</sup> )	OB Backfilled (Mm <sup>3</sup> )	Physical reclamation (Ha)	1	2016-17	3.87	3.87	0	2	2017-18	4.432	4.443	3.204	3	2018-19	2.74	2.74	7.5	4	2019-20	0.112	0.112	2.7	5	2020-21	0.14	0.14	0	6	2021-22	0.99	0.99	0
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xxi v)	Catch drains and siltation ponds of appropriate size shall be constructed to arrest the silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilised for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted	<p>Catch drain /garland drain of appropriate size have been constructed all around the quarry and OB dump to arrest slit and sediments into natural water source.</p> <p>Garland drain :</p> <p>Length - 2916 m</p> <p>Width - varying in size from 1.5 m to 3.5 m</p> <p>Depth - varying from 1.2 m to 2.0 m</p> <p>Catch drain :</p> <p>Length - 2400 m</p>																																			

	and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	<p>Width - varying in size from 1.0 m to 1.5 m Depth - varying from 1.2 m to 1.5 m</p> <p>These catch drain /garland drain are cleaned before onset of every monsoon. The sump made at the quarry floor is of size 77 Million Gallon which collects all the silts &amp; sediments form OB benches through cross drainage . The sump capacity is adequate keeping the sudden rainfall. The water thus collected in the sump gets adequate retention time to allow proper setting of suspended materials. The supernatant water is pumped out on surface &amp; fed into surface sedimentation tank of for secondary treatment. The treated water from surface sedimentation tank is used for suppression of the mine area &amp; green belt development</p> <p>The drains are desilted every year before the onset of monsoon. The quantity of desilting done in Year 20-21 is 10810m<sup>3</sup></p>																
xxv )	Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.	Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads.03 Nos. Of Mobile Water Tankers (Hired-1 no. Of 16 KL and 02 nos of 08 KL) are used for sprinkling on roads. 04 nos of rainguns at Coal stock yard, and 2 nos at weighbridge are installed. Water spraying arrangement is provided for mobile crusher.																
xxv i)	The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A 3 tier green belt comprising of a mix of native species shall be developed all along the major approach roads.	3.00 km of internal roads are black topped. Concrete pavement covering a length of 150 m at weighbridge. Brooming is done regularly on internal roads. Regular repairing and retarring of these rods is done to reduce dust emmissions.																
xxv ii)	Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigtaiive measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.	Controlled blasting is being practiced to reduce ground vibration and arrest flyrocks as per DGMS permissioin. Copy of permission from DGMS attched herewith as Annexure 5.																
xxv iii)	A progressive afforestation plan shall be implemented covering an area of 126.24 ha at the end of mining, which includes reclaimed External OB dump area (32.53 ha), internal OB dump area (90.21 ha), along roads and green belt (0.50 ha) in township located outside the lease by planting native species	<p>Tree plantation done till date: Total plantation on existing OB Dump and embankment is 114500 Nos</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> <tr> <td>3</td> <td>2000-01</td> <td>10000</td> <td>4</td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1	3	2000-01	10000	4
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<p>xxi x) An estimated total of 13.780 Mm<sup>3</sup> of OB generated during the entire life of the mine. Out of which 13.780 Mm<sup>3</sup> of OB will be dumped into one internal dump covering an area 142.69 ha of land with height upto ground level. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self sustaining and compliance status shall be submitted to MOEF and its regional Office on yearly basis.</p>	<p>All the OB generated is being backfilled. Out of 71.731 Mm<sup>3</sup> of OB excavated upto June 2022, 68.767 Mm<sup>3</sup> has been accommodated in void. Compliance reports are being sent to Maharashtra Pollution Control Board on Six monthly basis. Copy of same is enclosed as Annexure 7.</p>																																				
<p>xxx ) The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.</p>	<p>The restoration &amp; reclamation plan for degraded area will be in line with the approved EMP.</p>																																				
<p>xxx i) Compensatory ecological &amp; restoration of waste land, other degraded land and OB dumps in lieu of breasking open the land be carried out.</p>	<p>It will be followed and complied. Tree plantation done till date: Total plantation on existing OB Dump and embankment is 114500 Nos</p> <table border="1"> <thead> <tr> <th>Sr no.</th> <th>Year</th> <th>No. of plantation</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1993-94</td> <td>48000</td> <td>19.2</td> </tr> <tr> <td>2</td> <td>1994-95</td> <td>35250</td> <td>14.1</td> </tr> <tr> <td>3</td> <td>2000-01</td> <td>10000</td> <td>4</td> </tr> <tr> <td>4</td> <td>2002-03</td> <td>5000</td> <td>2</td> </tr> <tr> <td>5</td> <td>2004-05</td> <td>8750</td> <td>3.5</td> </tr> <tr> <td>6</td> <td>2009-10</td> <td>5000</td> <td>2</td> </tr> <tr> <td>7</td> <td>2014-15</td> <td>2500</td> <td>1</td> </tr> <tr> <td colspan="2"><b>TOTAL</b></td> <td><b>1,14,500</b></td> <td><b>45.8</b></td> </tr> </tbody> </table>	Sr no.	Year	No. of plantation	Area (Ha)	1	1993-94	48000	19.2	2	1994-95	35250	14.1	3	2000-01	10000	4	4	2002-03	5000	2	5	2004-05	8750	3.5	6	2009-10	5000	2	7	2014-15	2500	1	<b>TOTAL</b>		<b>1,14,500</b>	<b>45.8</b>
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<p>xxx ii) The mining should be phased out in sustainable manner. No extra OB dumps are permitted.</p>	<p>There is no extra external dump. All OB excavated is being accommodated in decoaled void. The entire OB excavated is being used for backfilling of the decoaled Area progressively.</p>																																				

xxx iii)	No groundwater shall be used for mining operations.	No ground water is used for mining operations. NOC for ground water abstraction has been obtained from CGWA vide CGWA/NOC/MIN/ORIG/2021/12464 valid from 03/08/2021 to 02/08/2023. Copy of CGWA NOC attached herewith as Annexure 6.
xxx iv)	Of the total quarry area of 172.31 ha the backfilled quarry area of 90.21 ha shall be reclaimed with plantation and a void of 29.62 ha at a depth of 40 m which is proposed to be converted into a water body shall be gently sloped and the upper benches shall be terraced and stabilised with plantation/afforestation by planting native plant species in consultation with the local DFO. Density shall be 2500 plants per ha.	There is no external dump. All OB excavated is being accommodated in decoaled void. The entire OB excavated is being used for backfilling of the decoaled Area progressively. All the OB generated is being backfilled. Out of 71.731 Mm <sup>3</sup> of OB excavated upto June 2022, 68.767 Mm <sup>3</sup> has been accommodated in void. The post mining land use will be as per approved reports. The final mine void depth which will be reached after the end of mine will be appropriately addressed. The embankment of Length – 5.5 km and Height – 10 m have been biologically reclaimed and there after stabilized by plantation of native species i.e Shisham, Karanji, Neem, etc.
xxx v)	Regular monitoring of GW level and quality shall be carried out by establishing a network of existing wells and construction of new piezometers Monitoring shall be done 4 times a year. Data is submitted to MOEF and CPCB quarterly with in one month of monitoring.	The groundwater level monitoring is being carried out by CMPDIL, 4 times a year in pre-monsoon (May), Monsoon (August), Post-monsoon (November) and Winter (January) seasons and for quality once in a year. The monitoring report is regularly sent to Regional Office, CGWB Nagpur with a copy to MOEF&CC and CPCB.
xxx vi)	The company shall put up artificial GW recharge measures for augmentation of Gw resource in case monitoring indicates a decline in water table.	The nearby villages have no shortage of water, however regular supply of water is ensured in case of scarcity.
xxx vii)	STP shall be installed in existing colony. ETP shall also be provided for workshop and CHP wastewater.	Existing colony is in the lease hold area of Ballarpur UG mine where septic tank and soak system is provided. For treatment of workshop effluent, 75 KLD ETP is under construction. 01 no of Sedimentation tank provided.
xxx viii )	Besides carrying out PME of workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check up for occupational diseases and hearing impairment.	Periodic health check up of mine workers are carried out once in 5 years with the purpose of detecting occupational diseases and hearing impairments. Every worker in the mine is examined in 5 years- up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.
Xx xix	Land oustees shall be compensated as per the norms laid out R & R policy of CIL or National R&R policy whichever is higher	Entire land has been acquired and R & R has been already settled No house oustees involved.  Total land compensation paid = Rs 37769432

xI)	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery( on a scale of 1: 5000) of core zone and buffer zone, from start of project until end shall be prepared once in 3 years and report should be submitted to MoEFCC and its concerned Regional authority.	Digital survey of entire lease hold area using satellite remote sensing survey is carried out in three years. The copy of report is attached The same is submitted to RO, MOEF&CC along with six monthly report.									
xIi)	A detailed final mine closure plan along with details of Corpus fund shall be submitted to MoEFCC within 6 months of Environmental clearance	The progress of mining activities are being carried out as per approved mining plan. The Mine Closure Plan is an integral part of approved Mining Plan. The post mining land use will be as per approved reports. The land after completion of all closure activities and reimbursement of corpus deposited appropriate action for handing over the land will be taken. A mine closure plan was approved by the WCL Board along with opening of a corpus fund / account having account no. 08973161009901 was opened at the Oriental Bank of Commerce, Jaripataka Branch, Nagpur. The total corpus amounts available in the account as on date 31.03.2022 is INR 10,78,42,956/- .									
xIii)	The project authorities shall in consultation with the panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.	<p>Agreed, will be complied as per the CIL's CSR policy under Companies Act, 2013, The fund for the CSR will be allocated based on 2% of the average net profit of the Company for the three immediate preceding financial years or Rs 2.00 per Tonne of Coal Production of the previous year whichever is higher.</p> <p>CSR works performed are as follows:</p> <ol style="list-style-type: none"> <li>1. Construction of Vyamshala at Rajendra Prasad Ward Ballarpur</li> <li>2. Construction of Vyamshalaa Zakir Husain Ward Ballarpur</li> <li>3. WBM road to Bamboo Cluster at Bamni village</li> <li>4. Construction of Sanskrit Bhavan at Ballarpur under CSR</li> <li>5. Construction of concrete road at ShivajiNagar Ballarpur under CSR</li> <li>6. Providing and fixing 12.5 mtr high mas Tower at Ballarpur Nagar Praishad</li> <li>7. Construction of compound wall at Mount Fort school at Bamni under CSR</li> <li>8. Construction of drain at Visapur</li> <li>9.</li> </ol> <p>Expenditure in last 5 years is as follows:</p> <table border="1" data-bbox="667 1877 1393 2065"> <thead> <tr> <th>Sr no</th> <th>Year</th> <th>Expenditure (Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2018-19</td> <td>7.82</td> </tr> <tr> <td>2</td> <td>2019-20</td> <td>237.353</td> </tr> </tbody> </table>	Sr no	Year	Expenditure (Lakhs)	1	2018-19	7.82	2	2019-20	237.353
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2	2019-20	237.353									

		3	2020-21	47.05
		4	2021-22	2.17
xlii i)	<p>Corporate Environment responsibility:</p> <p>a) The company shall have a well laid down Environment policy approved by the Board of Directors</p> <p>b) The Environment policy shall prescribe for standard operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or Forest norms/conditions.</p> <p>c) The hierarchial system or administrative order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.</p> <p>d) To have proper checks and balances, the company shall have 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 stake holders at large.</p>	<p>Complied.</p> <p>The Coal India Limited Corporate Environment Responsibility Policy 2019 duly followed by WCL is attached.</p> <p>Self internal environmental audit system has been setup in the company recently. At Area level, a multi disciplinary committee has been constituted by order of competent authority to review the compliance status every month through a formatted checklist. Inter-area inspection to review compliance status is being done on quarterly basis. The report of the inspection is put up to the subsidiary level apex committee which has been constituted under the chairmanship of Director (Technical), WCL. Mechanism for internal monitoring of EC compliance is enclosed as <b>ANNEXURE 7</b>.</p> <p><b>At HQ, WCL-</b> The cell is headed by GM (Env) reporting to Director (Technical). The team comprises of multi-disciplinary trained executive.</p> <p><b>At Area level</b> – Area General Manager heads the Environment Department &amp; assisted by GM (oprn), ANO(Env) and 1 Assistant Managers(Env)of Environment discipline.</p> <p><b>At Unit Level-</b> Environment Management Cell is headed by Sub-Area Manager and is assisted by Mine Manager and Project Nodal Officer (Env) at unit level.</p> <p>The hierarchical system of the company for dealing with environmental issues exist at corporate level &amp; area level. It has been uploaded on WCL website, linked as <a href="http://www.westerncoal.in/?q=node/431">http://www.westerncoal.in/?q=node/431</a></p>		

## B. General Conditions

S. NO.	Condition	Status of Compliance
i)	No change in Mining technology and scope of working shall be	Noted and will be complied. No change in Mining technology envisaged.



	made without prior approval of the MOEF & CC	
ii)	No change in calendar plan of production for quantum of mineral coal shall be made	Noted and will be complied.
iii)	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM 10, PM 2.5, SO <sub>2</sub> and NO <sub>x</sub> .	Four ambient air quality monitoring stations are - (i) Manager Office – Ballarpur UG (ii) Premises of SAM office (iii) Substation – Ballarpur OC (iv) Filter Plant/ Colony The stations have been fixed considering the meteorological data, topographical features etc. and it is in consultation with MPCB, Chandrapur. It is being monitored by CMPDIL regularly. Monitoring reports for the period 01.04.2022 to 30.09.2022 enclosed as Annexure 8.
iv)	Data on ambient air quality monitoring and heavy metals such as Hg, As, Ni, Cd, Cr etc shall be regularly submitted to Ministry including its concerned Regional office and to SPCB and CPCB once in 6 months.	Ambient Air quality monitoring is being carried out as per GSR 742(E). It is being monitored by CMPDIL regularly, attached as Annexure 8. Monitoring reports for the period 01.04.2022 to 30.09.2022 enclosed along with Heavy metal analysis report. Data on ambient air quality monitoring and heavy metals such as Hg, As, Ni, Cd, Cr etc is being regularly submitted to Ministry including its concerned Regional office and to SPCB and CPCB through six monthly reports.
v)	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged with blasting and drilling operations, operation of HEMM etc shall be provided with ear plugs/muffs	Adequate measures are taken for control of Noise pollution. Workers engaged in blasting and drilling operations, operation of HEMM, etc are provided with ear plugs/muffs.
vi)	Industrial wastewater (workshop and WW from mine) shall be properly collected, treated so as to conform the prescribed standards	For proper treatment of Industrial wastewater-One ETP of capacity 75 cum/day is under construction and 01 no of Sedimentation tank has been constructed near the mine for treatment of mine pumped out water. The quality of discharge is being monitored so as to ensure compliance of prescribed norms before discharging. Monitoring reports for the period 01.04.2022 to 31.09.2022 enclosed as Annexure 8.
vii)	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Coal transportation vehicles are covered with tarpaulins and are optimally loaded. Vehicular emissions are kept under control PUC certificate for all light & passenger vehicles are taken.
viii)	Monitoring of environmental quality parameters shall be	Monitoring of environmental quality parameters is done by CMPDIL, Nagpur. There is a full fledged NABL accredited Env.

	<p>carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the SPCB and data analysed through a lab recognised under EPA rules, 1986.</p> <p>Laboratory of CMPDIL. The Monitoring is done through this laboratory at fortnightly interval.</p>																										
<p>ix)</p>	<p>Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.</p> <p>Protective respiratory devices are provided to workmen exposed to dust area. Workers are also regularly given training on safety and health aspects at VTC (this is the statutory requirement under mines safety act). Periodical medical examination of every worker is being done every five years in our area hospital to detect any disease so that the appropriate action can be taken up at project level.</p> <p>Details of IME and PME done at Ballarpur Area is given below:</p> <table border="1" data-bbox="667 757 1465 913"> <thead> <tr> <th rowspan="2">Year</th> <th>IME (in nos.)</th> <th colspan="2">PME (in nos.)</th> </tr> <tr> <th>Acheived</th> <th>Target</th> <th>Acheived</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>953</td> <td>1220</td> <td>1425</td> </tr> <tr> <td>2022</td> <td>857</td> <td>1220</td> <td>1216</td> </tr> </tbody> </table> <p>Details of VTC trainings carried out at Ballarpur Area is given below:</p> <table border="1" data-bbox="667 1059 1473 1249"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">VTC Training</th> </tr> <tr> <th>Target</th> <th>Acheived</th> </tr> </thead> <tbody> <tr> <td>2021-22</td> <td>680</td> <td>592</td> </tr> <tr> <td>2022-23 (upto Sept 2022)</td> <td>680</td> <td>440</td> </tr> </tbody> </table>	Year	IME (in nos.)	PME (in nos.)		Acheived	Target	Acheived	2021	953	1220	1425	2022	857	1220	1216	Year	VTC Training		Target	Acheived	2021-22	680	592	2022-23 (upto Sept 2022)	680	440
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<p>x)</p>	<p>Occupational health surveillance programme of the workers shall be taken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof.</p> <p>It was submitted that every worker in mine was examined once in 5 years upto the age of 45 years; the workers who are above 50 years are subjected top periodical medical examination at two and a half years as per law.</p> <p>Details of IMPE and PME done at Ballarpur Area is given below:</p> <table border="1" data-bbox="667 1451 1473 1608"> <thead> <tr> <th rowspan="2">Year</th> <th>IME (in nos.)</th> <th colspan="2">PME (in nos.)</th> </tr> <tr> <th>Acheived</th> <th>Target</th> <th>Acheived</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>953</td> <td>1220</td> <td>1425</td> </tr> <tr> <td>2022</td> <td>857</td> <td>1220</td> <td>1216</td> </tr> </tbody> </table> <p>As per the records available, no notifiable (as specified in the Mine's Rules, 1985) disease has been identified till date.</p>	Year	IME (in nos.)	PME (in nos.)		Acheived	Target	Acheived	2021	953	1220	1425	2022	857	1220	1216											
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<p>xi)</p>	<p>A separte environmental management cell with suitable qualified personnel shall be setup under the control of Senior Executive, who will report directly to the Head of the company.</p> <p><b>At HQ, WCL-</b> The cell is headed by GM (Env) reporting to Director (Technical). The team comprises of multi-disciplinary trained executive.</p> <p><b>At Area level</b> – Area General Manager heads the Environment Department assisted by GM (oprn), ANO(Env) &amp; 1 Assistant Managers of Environment discipline.</p> <p><b>At Unit Level-</b> Environment Management Cell is headed by Sub-Area Manager and assisted by Mine Manager, Project Nodal Officer (Env) at unit level.</p>																										

xii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its concerned RO	The funds earmarked for environment protection measures are kept in separate account and it is not used for any other purpose. Expenditure statement is shown in every six monthly compliance report sent to MoEF&CC. Capital Expenditure upto 31/03/2022 – 28.88 lakhs Revenue Expenditure upto 31/03/2022 – 339.01 Lakhs (Approx.)
xiii)	The project authorities shall advertise at least in 2 local newspapers widely circulated around the project, one of which shall be in the vernacular language of locality concerned within 7 days of the clearance letter informing that the project has been accorded environmental clearance and a copy of EC is available at SPCB and may also be seen at website of MoEFCC.	Advertised in two news papers Mahavidarbha Hindi – 20.10.2020 Chandrapur Smamachar – 20.10.2020. Copy of same is enclosed as Annexure 9.
xiv)	A copy of EC letter shall be marked to concern Panchayat/zila parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion./representation has been received while processing the proposal.	The environment clearance copy has been sent to Nagar parishad but no suggestion has been received. Copy of same is enclosed as Annexure 10
xv)	A copy of EC letter shall also be displayed on website of the concerned SPCB. The EC letter shall also be displayed at Regional Office, district industry sector and Collector's Office/Tehsildar's Office for 30 days.	Agreed, a copy of EC has been uploaded on company website. A copy of six monthly has also been uploaded.
xvi)	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter and critical sectoral parameters shall also be displayed at the entrance of the	The clearance letter has been uploaded on website of Western Coalfields Limited. The compliance report is being uploaded. Website link to access EC is <a href="http://westerncoal.nic.in/?q=node/271">http://westerncoal.nic.in/?q=node/271</a>

	project premises and mine office and in corporate office and on company's website.	
xvii )	The project proponent shall be submit six monthly compliance reports on status of Complainece of the stipulated EC conditions (both in hard copy and email) to the respective Regional Office of Ministry, respective Zonal offices of CPCB and SPCB.	Agreed, six monthly compliance reports on status of Complainece of the stipulated EC conditions (both in hard copy and email) are being sent to the respective Regional Office of Ministry, respective Zonal offices of CPCB and SPCB.
xvii i)	The regional office of this ministry located in the region shall monitor compliance of the stipulated conditions. The project authorities shall extend full co-operation to the office(s) of the Regional Office by furnishing the requisite data/information/ monitoring reports	Agreed. Full cooperation shall be provided to the officers of Regional Office.
xix )	The environment statement for each financial year ending 31 March in Form-V is mandated to be submitted by the project proponent for the concerned SPCB as prescribed under the EP Rules, 1986, as asmedned subsequently, shall also be uploaded on the company's website along with status of compliance of EC conditions and shall be sent to the respective Regional offices of the MoEF&CC by e-mail.	The audit statement is uploaded on company website. The environment statement for each financial year is filled in Form – V before 30 <sup>th</sup> september of each year. Evironmental statement for 2021-22 is timely submitted and same has been attached as Annexure 11.
5	The proponent shall abide by the commitments and recommendations made in EIA/EMP report so also during their presentation to EAC.	Noted and will be complied
6	The commitment made by the proponent to the issue raised during the Public Hearing shall be implemented by the proponent.	This project has been covered u/s 7 (ii) with exemption from Public Hearing
7	The proponent is required to obtain all necessary clearances	Noted and will be followed.

	that may be required before the start of project.	
8	The Ministry or any other competent authority may stipulate any further condition for environmental protection	Noted.
9	The proponent shall setup an Environment Audit Cell with responsibility and accountability to ensure implementation of all EC conditions.	Self internal environmental audit system has been setup in the company recently. At Area level, a multi disciplinary committee has been constituted by order of competent authority to review the compliance status every month through a formatted checklist. Inter-area inspection to review compliance status is being done on quarterly basis. The report of the inspection is put up to the subsidiary level apex committee which has been constituted under the chairmanship of Director (Technical), WCL. Final assessment report is under compilation for appraisal of the apex committee. Mechanism for internal monitoring of EC compliance is enclosed.
10	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and may attract action under the provisions of EPA, 1986.	Noted.
11	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, The environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations	Noted and will be followed.
12	Any appeal against this EC shall lie with the NGT, if preferred, within a period of 30 days as prescribed under section 16 of NGT Act, 2010	Noted.

13	This EC supersedes the earlier EC, vide letter no. Letter J-11015/145/2007-1A.II(M) dated 18.06.2008 for 0.50MTPA	Noted.
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Sub Area Manager,  
Ballarpur Sub Area.