

E.M.P. COMPLIANCE REPORT

AS ON 01.10.2022

DURGAPUR OPEN CAST MINE



WESTERN COALFIELDS LIMITED

CHANDRAPUR AREA

**DURGAPUR OPENCAST EXPANSION PROJECT
CHANDRAPUR AREA
WESTERN COALFIELDS LIMITED**

PART-IV

Sub: - Compliance of Environmental Clearance Condition.
Ref: - EC Letter No. J-11015/56/2008-IA-II(M) Dated 10.11.2017
PERIOD :-01.04.2022 to 30.09.2022

Sr. No.	Condition	Compliance																							
i	The maximum production from the mine shall not exceed the sanctioned capacity of 3 MTPA as mentioned in the EC.	Noted & shall be maintained.																							
ii	The validity of the EC is for the life of the Mine or as specified in the EIA Notification. 2006, whichever is earlier.	Noted																							
iii	Standard Operating Procedures are required to be prepared and vetted by the company headquarters for adoption of environmental measures in course of various mining activities right from drilling, blasting to coal dispatch be submitted to EAC for Monitoring.	SOP is mine specific as per local conditions (Annexure-A) In addition Safety Management Plan (SMP) again is mine specific and is reviewed at periodic interval. The last SMP for Durgapur Opencast Project submitted to WCL-Headquarter for review. (Annexure-B)																							
iv	Transportation of coal should be carried out by covered trucks. Mitigation measures to be undertaken to control dust and other fugitive emission all along the roads by providing sufficient numbers of water sprinklers.	Transportation of Coal from this mine is totally dedicated to CSTPS. The entire coal produced from the mine is dispatched to CSTPS via Aerial Ropeway. In view of the above, as there is no road dispatch to CSTPS/outside mine premises, hence possibility of air pollution due to fugitive emission is negligible.																							
v	Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	<p>The occupational health hazards are regularly maintained as per statute under IME & PME. Details as follows:</p> <table border="1"> <thead> <tr> <th rowspan="2">Year</th><th colspan="2">PME/IME</th></tr> <tr> <th>Departmental</th><th>Contractual (IME)</th></tr> </thead> <tbody> <tr> <td>2017</td><td>295</td><td>30</td></tr> <tr> <td>2018</td><td>180</td><td>08</td></tr> <tr> <td>2019</td><td>311</td><td>215</td></tr> <tr> <td>2020</td><td>221</td><td>31</td></tr> <tr> <td>2021</td><td>134</td><td>06</td></tr> <tr> <td>2022</td><td>110</td><td>66</td></tr> </tbody> </table>	Year	PME/IME		Departmental	Contractual (IME)	2017	295	30	2018	180	08	2019	311	215	2020	221	31	2021	134	06	2022	110	66
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vi	Controlled blasting techniques should be adopted to control ground vibration and fly rocks.	As per the blasting permission issued by DGMS, blasting is carried out taking stipulated precaution. (Annexure-C)																																																																																			
vii	Thick green belt of 30-40 m width to be provided to mitigate / check the dust pollution. A 3-tier avenue plantation should also be developed along vacant areas, storage yard, loading/ transfer points and also along internal roads/ main approach roads.	<div>1. As mentioned in point (iv), there is no road dispatch to CSTPS/outside mine premises, hence possibility of air pollution due to fugitive emission is negligible.</div> <div>2. Plantation done till date in the mine and surrounding is as given below.</div> <div>A. Plantation details on Plain land:<table><tr><th>Sl. No.</th><th>Year of plants</th><th>No. of Plants</th><th>Area in Ha.</th><th>Location</th></tr><tr><td>1</td><td>1986-87</td><td>5200</td><td>1.00</td><td>Near MQ water tank</td></tr><tr><td>2</td><td>1989-90</td><td>123000</td><td>23.75</td><td>Near Check Post, HEMM & VIP Guest House</td></tr><tr><td>3</td><td>1990-91</td><td>213000</td><td>34.00</td><td>In front of NM tank, WTP, CHP & Foothill of C dump</td></tr><tr><td>4</td><td>1991-92</td><td>25000</td><td>4.50</td><td>Haul road, near check post and along water channel</td></tr><tr><td>5</td><td>1992-93</td><td>30000</td><td>6.00</td><td>LPG go-down & Near Filter Plant</td></tr><tr><td>6</td><td>1993-94</td><td>60000</td><td>12.00</td><td>Near CHP & Behind B type qtr.</td></tr><tr><td>7</td><td>1996-97</td><td>50000</td><td>10.00</td><td>Near workshop</td></tr><tr><td>8</td><td>1997-98</td><td>60000</td><td>12.30</td><td>Near filter plant, Hanuman mandir& View point</td></tr><tr><td>9</td><td>1998-99</td><td>12574</td><td>5.25</td><td>Avenue & Behind workshop</td></tr><tr><td>10</td><td>1999-2000</td><td>24000</td><td>7.50</td><td>Near pond, Haul road side & Marathi School</td></tr><tr><td>11</td><td>2000-01</td><td>2900</td><td>1.00</td><td>Near NB type (Neem Plant)</td></tr><tr><td>12</td><td>2001-02</td><td>2500</td><td>1.00</td><td>Near Bank (Neem Plant)</td></tr><tr><td>13</td><td>2002-03</td><td>3000</td><td>1.50</td><td>Near masque (Neem Plant)</td></tr><tr><td rowspan="2">14</td><td rowspan="2">2003-04</td><td>5000</td><td>2.00</td><td>Near filter plant (Neem Plant)</td></tr><tr><td>1000</td><td>0.50</td><td>Near CHP Durgapur Vllage (Neem Plant)</td></tr><tr><td>15</td><td>2004-05</td><td>35000</td><td>14.00</td><td>Between DRM Qtrs. And coal transportation road</td></tr></table></div>	Sl. No.	Year of plants	No. of Plants	Area in Ha.	Location	1	1986-87	5200	1.00	Near MQ water tank	2	1989-90	123000	23.75	Near Check Post, HEMM & VIP Guest House	3	1990-91	213000	34.00	In front of NM tank, WTP, CHP & Foothill of C dump	4	1991-92	25000	4.50	Haul road, near check post and along water channel	5	1992-93	30000	6.00	LPG go-down & Near Filter Plant	6	1993-94	60000	12.00	Near CHP & Behind B type qtr.	7	1996-97	50000	10.00	Near workshop	8	1997-98	60000	12.30	Near filter plant, Hanuman mandir& View point	9	1998-99	12574	5.25	Avenue & Behind workshop	10	1999-2000	24000	7.50	Near pond, Haul road side & Marathi School	11	2000-01	2900	1.00	Near NB type (Neem Plant)	12	2001-02	2500	1.00	Near Bank (Neem Plant)	13	2002-03	3000	1.50	Near masque (Neem Plant)	14	2003-04	5000	2.00	Near filter plant (Neem Plant)	1000	0.50	Near CHP Durgapur Vllage (Neem Plant)	15	2004-05	35000	14.00	Between DRM Qtrs. And coal transportation road
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16	2007-08	2200	1.00	Near Colony turning & near DETP
17	2012-13	8500	3.39	Near CHP Premises Near HEMM (2.52 Ha)
18	2013-14	16250	6.50	Near DOC Check post
19	2016-17	1000	0.40	Behind Colony entry gate
	Total	680124	147.59	

B. Plantation on OB Dumps and (Internal & External Backfilled Area):

Sl. No	Year of Plantation	No of Plants	Area in Hect.	Location	Type of Dump
1.	1990-91	2000	0.70	C dump foot hill	External
2.	1993-94	50000	10.00	E dump	External
3.	1994-95	23010 12500 34736 22754	20.00	D dump H dump C dump C dump	External Internal External External
4.	1995-96	84000	15.00	E dump	External
5.	1996-97	50000	19.50	A & B dump	External
6.	1997-98	24000 9000	10.65	G dump H dump	Internal Internal
7.	1998-99	6250 21250	11.00	G dump E dump	Internal External
8.	1999-00	16000	8.00	C dump	External
9.	2000-01	25000 15000 10000	20.00	A & B C dump C dump	External External External
10.	2002-03	10000	9.00	I dump	Internal
11.	2005-06	68000	27.00	A & B	External
12.	2007-08	22800	9.00	Sect. V side	External
13.	2009-10	50000	20.00	Dump A & B, and On	External
14.	2010-11	50000	20.00	Dump & slopes	External
15.	2012-13	28500	8.00	On Dump slopes	External
16.	2018-19	15000	6.00	Sector V	Internal
17.	2020-21	5000	2.00	Near View	Internal
18.	2020-21	7000	2.80	Kargil Dump	External
	Total	661800	218.65		

(a)	<u>Mining</u>	
(i)	No change in mining technology and scope of work shall be made without prior approval of the Ministry of Environmental, Forest and Climate Change. No change in the calendar plan including Excavation, quantum of coal and waste should be made.	Noted. No change in mining technology and scope of work shall be made without prior approval of the Ministry of Environmental, Forest and Climate Change. No change in the calendar plan including Excavation, quantum of coal and waste shall be made.
(ii)	Mining shall be carried out as per the approved mining plan, and also abiding by the relevant laws related to coal mining and the circulars issued by Directorate General mines safety (DGMS). An approved progressive Mine Closure Plan shall strictly be complied with and submitted.	Noted. Mining is being carried out as per the approved mining plan, and also abiding by the relevant laws related to coal mining and the circulars issued by Directorate General mines safety (DGMS). The copy of MCP Approval by WCL Board is enclosed (Annexure-D). The escrow account has been opened with Punjab National Bank, Nagpur and progressive amount of Rs. 79,11,36,695.00/- is lying in the account as on 31.03.2022 A/c No. 8973161002645 (Original) 0897107600000877 (Renewed) Progressive Mine Closure activities are carried out simultaneously.
(b)	<u>Land Reclamation</u>	
(i)	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once on three years for monitoring land use pattern and report submitted to Ministry of Environmental, Forest and Climate Change its Regional Office.	Digital processing of entire mine lease area using remote sensing technique for DOCP is carried out every year. The report of 2021 copy enclosed (Annexure-E). The same is also uploaded on company website.
(ii)	Final mine avoid depth should not be more than 40 m. The void area should be converted into water body. The remaining area should be back filled up to the ground level and covered with thick top soil. The land after mining should be restored for agriculture or forestry purpose.	As per the approved mining plan the final depth is 150 m. In this regards it is submitted that a formal request for modification of the said condition has been submitted to MoEF. The EAC has recommended for modification in its meeting held on 17-18 May, 2018. A copy of the minutes is enclosed as (Annexure-F). Formal letter from MoEF is RECEIVED
(iii)	The top soil, if any, shall temporarily be stored at earmarked site (s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The Overburden dumps should be vegetated with suitable native species to prevent erosion and surface run off. The entire	Removal of top soil in 2021-22 QTY OF A 11.626 Ha as fresh cut on the surface was made. However, plantation on OB dumps after spreading of top soil has already been carried out. The details are as given below:-

	excavated are shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and Management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance shall be submitted to the Ministry of Environment, Forest and climate Change and its Regional Office six monthly basis.						
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			Total	661800	218.65		
(iv)	Greenbelt shall be developed all along the mine lease area in a phased manner. The width of the green belt should not be less than 100 ha. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads.	Plantation has been carried in 366.24 Ha in total at various locations in Durgapur Opencast Project with an approx. 1341924 nos. of plants. Details provided above.					
(c)	<u>Emission, Effluents, and Waste Disposal</u>						

(i)	Transportation of coal by road should be carried out by covered truck only. Effective measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM 2.5 such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the 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 in this regard.	<ol style="list-style-type: none"> 1. Transportation of Coal outside mine premises is done to CSTPS through Ariel Ropeway. 2. Internal Transportation is carried out via tarred road. <ol style="list-style-type: none"> a. 79 no of sprinklers are provided along Coal transport road, approach road to weighbridge and Coal stock yard b. 08 no of Rain guns are provided in CHP Area, Coal Stock yard and ETP Premises. c. 85 nos. of Mist spray arrangement in CHP. d. 4 No. of Mobile tankers are deployed on Haul roads and Coal Transport roads. e. Approx. 5 km coal transport road is tarred (black topped) to reduce dust emissions. f. 22 nos. of sprinklers are provided at CHP. g. 1 no. of fogger canon is deployed at CHP.
(ii)	Vehicular emissions shall be kept under control and regularly monitored. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centers.	<ol style="list-style-type: none"> 1. Coal is transported outside mine premises to CSTPS through Ariel ropeway hence no vehicular emission arises. 2. Vehicles engaged in internal road transport from Coal Stockyard to Crusher are awarded contract after checking their PUC Certificate, Copy enclosed as (Annexure-G).
(iii)	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 PM10, PM2.5, SO2 and NOx location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the state pollution control board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr etc carried out at least once in six months.	<p>Following four Ambient Air Quality Monitoring Stations have been established in the core zone and buffer zone for PM10, PM2.5, SO2 & NOx monitoring.</p> <ol style="list-style-type: none"> a. Manager Office, Quarry V-Core zone. b. Filter Plant Core zone c. Durgapur Village buffer zone. d. Sinhala Village buffer zone. <p>These stations have been established as per metrological data & in consultation with MPCB. The Ambient Air Quality Monitored at this stations is as per the Env. Protection Amendment Rules 2000. Env. Monitoring Reports are regularly submitted to Regional Office MoEF& CC and MPCB. Vide email from wclchaenv@gmail.com.</p> <p>Heavy metals monitoring is done on half yearly basis. Report submitted Vide email from wclchaenv@gmail.com. copy enclosed as (Annexure-H)</p>
(iv)	Crusher/feeder and breaker material transfer points should invariably be provided with dust suppression system. Belt-conveyors should be fully covered to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	<p>Crusher is provided with mist spray system. Belt conveyor covered side cladding. Photograph attached.</p> <p>Drills-</p> <ol style="list-style-type: none"> 1. Total 6 no. of drills are in operation. 2. Two no. of drills are wet operated. 3. All drills are fitted with dust extractors.

(v)	<p>The project proponent shall not alter the major channels around the side site. Appropriate embankment should be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary should be of suitable dimensions and critical patches should 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 inundations.</p>	<p>At present there is no alteration of major channels. However, as per approved mining plan there is a proposed diversion of motghat nallah.</p> <p>This diversion will be carried out only after due permission of State Government Authorities & with design of CDO, Nashik. During implementation, the recommendation of the State Government/CDO Nashik will be duly followed and the same will be intimated to your good office.</p> <p>The embankment has been built to prevent the danger of inundation of the mine. It has length of approx. 200 m, width of 50 m at top and average height of 20 m.</p> <p>Embankment has plantation and is stabilized.</p>
(vi)	<p>Rain water harvesting shall be implemented for conservation and augmentation of ground water resources in the area in consultation with Central ground Water Board.</p>	<p>Rain water harvesting structure covering the area 477 sq. m exist at Sub area Manager Office of Durgapur Opencast Project (DOCP) with total 9 No. of collecting pits with dimensions 0.9m x 0.6m x 0.3m connected to 1 No. main recharge pit of dimension 1.2m x 1m x 1m.</p> <p>Other Recharge structure constructed in the 10 km buffer zone of the project are as follows:</p> <p>Artificial recharge to ground water system at the periphery of the anticipated influence area by local stagnation in low lying areas/drains by providing Checkdam on Zarpat river of 100 m length near Anchaleshwar Temple.</p> <p>Abandoned quarry pit of Hindustan Lalpeth OC Mine is serving as groundwater recharge system till it is backfilled.</p> <p>Additionally, Roof Top Rainwater harvesting system is installed at AGM Office, Chandrapur area for recharging ground water.</p>
(vii)	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, coal heaps and OB dumps to prevent run off of water and flow of sediments directly in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. the drain shall be regularly de-silted particularly after monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. Dimension of the</p>	<p>Catch drains of size (Avg. Width: 3.50 mtr, Avg. Depth: 2.50 mtr) are provided around periphery of the OB dumps as well as soil dumps to arrest silt and sediment flow from the respective dump sites. In case of OB benches in the quarry, cross drainage are provided which carries silt and sediment into the mine sump (300m X200m X5m) made at the floor which accumulates all the silt and act as first stage settling pond with adequate retention time for proper settling of suspended particles. The supernatant water is the pumped out through pumps onto the surface into the surface settling tank of dimensions 176 mx 6m x 1.30m for secondary treatment. The clear water from surface sedimentation tank is being used for watering the mine area. Roads and green belt development. The catch drains mentioned above are being regularly de-silted and maintained properly.</p> <p>Garland drains of dimension (Avg. width: 3.50 mtr, Avg.</p>

	retaining wall to be constructed at the toe of the dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data.	depth: 2.50 mtr) are provided around the periphery of the excavated area (approx. 5 km), which carries surface runoff and the drains are regularly de-silted before onset of monsoon. The mine sump is having sufficient capacity to deal with peak rainfall. Surface runoff from these garland drains collected into sump which allow accumulation of silt material and sufficient retention time for settling of silt materials.
(viii)	Industrial waste water (CHP, workshop and waste water from the mine) should be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	<p>Workshop ETP of 150 KLPD capacity in operation with pre-settling tank, drain, oil & grease trap, sedimentation tank & clear water tank. The treated effluent is reused for washing of HEMM & dust suppression. There is no discharge of effluents to outside nallah.</p> <p>Mine water discharge water is made to pass through mine sump and surface sedimentation pond tanks with adequate retention time for settling of suspended particles before mine water is discharged outside.</p> <p>Regular water quality monitoring is carried out by CMPDIL and reports of the same are being submitted regularly to RO, MoEF& CC and MPCB. Details of submission are as follows:</p> <ol style="list-style-type: none"> 1) vide email from wclchaenv@gmail.com on dtd: 07.06.2022 for the month of April- 2022 2) vide email from wclchaenv@gmail.com on dtd: 27.06.2022 for the month of May- 2022 3) vide email from wclchaenv@gmail.com on 28.07.2022 for the month of June-2022 4) vide email from wclchaenv@gmail.com on dtd:15.09.2022 for the month of July-2022 5) vide email from wclchaenv@gmail.com on dtd: 03.10.2022 for the month of August-2022 6) vide email from wclchaenv@gmail.com on dtd:07.11.2022 for the month of September-2022
(d)	<u>Noise & Vibration Control</u>	
(i)	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plug/muffs.	In order to control excessive noise during operation regular maintenance of all HEMMs, plantation in the open spaces, around mine periphery is done and supply of Personnel Protection Equipment namely ear plugs and muffs to the workers in the core zone.
(ii)	Controlled blasting techniques should be practiced with use of delay detonators to mitigate ground vibrations and fly rocks.	Controlled blasting is being done as per DGMS guidelines with delay detonators and shock tubes.

(e)	<u>Occupational Health & Safety</u>																								
(i)	<p>Besides carrying out regular periodic health check-up of their workers, 20% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an specialised agency/institution within the District/State and the results reported to this Ministry and to DGMS.</p>	<p>Periodic Health Checkup of 20% workforce is done every year. Details of IME/PME for Departmental and Contractual Manpower is given below:</p> <table border="1" data-bbox="722 349 1469 656"> <thead> <tr> <th data-bbox="722 349 983 421" rowspan="2">Year</th><th colspan="2" data-bbox="983 349 1469 387">PME/IME</th></tr> <tr> <th data-bbox="983 387 1190 421">Departmental</th><th data-bbox="1190 387 1469 421">Contractual (IME)</th></tr> </thead> <tbody> <tr> <td data-bbox="722 421 983 461">2017</td><td data-bbox="983 421 1190 461">295</td><td data-bbox="1190 421 1469 461">30</td></tr> <tr> <td data-bbox="722 461 983 501">2018</td><td data-bbox="983 461 1190 501">180</td><td data-bbox="1190 461 1469 501">08</td></tr> <tr> <td data-bbox="722 501 983 542">2019</td><td data-bbox="983 501 1190 542">311</td><td data-bbox="1190 501 1469 542">215</td></tr> <tr> <td data-bbox="722 542 983 582">2020</td><td data-bbox="983 542 1190 582">221</td><td data-bbox="1190 542 1469 582">31</td></tr> <tr> <td data-bbox="722 582 983 622">2021</td><td data-bbox="983 582 1190 622">134</td><td data-bbox="1190 582 1469 622">06</td></tr> <tr> <td data-bbox="722 622 983 656">2022</td><td data-bbox="983 622 1190 656">110</td><td data-bbox="1190 622 1469 656">66</td></tr> </tbody> </table>	Year	PME/IME		Departmental	Contractual (IME)	2017	295	30	2018	180	08	2019	311	215	2020	221	31	2021	134	06	2022	110	66
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(ii)	<p>Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Supervisory staff shall be held responsible ensuring compulsory wearing of dust mask.</p>	<p>The persons exposed to dusty area being provided with protective gears like dust masks with goggles which is also a statutory requirement.</p> <p>As per statute all personnel working in mines will be given training and retraining for safety aspects.</p> <p>For surveillance of occupation health among workers periodic medical examination of approx. 1/5 workers of DOCP are sent for periodical medical examination every year under health surveillance programme (Periodical Medical Examination).</p>																							
(iii)	<p>In case of outsourcing of work through MDO, the project proponent shall ensure the strict enforcement of the above conditions.</p>	<p>Noted</p>																							
(f)	<u>Biodiversity</u>																								
(i)	<p>The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.</p>	<p>As there is no Schedule-I species present in the Mine lease area hence not applicable</p>																							
(g)	<u>Implementation of action plan</u>																								

	<u>as per public hearing and CSR activities</u>																			
(i)	Implementation of action plan on the issues raised during the Public Hearing shall be ensured. The project proponent shall complete all the tasks as per the action plan submitted with budgetary provisions during the public hearing. Land oustees should be compensated as per the norms laid out R&R Policy of the Company or the national R&R Policy or R&R Policy of the state Government, whichever is higher.	<p>Public Hearing was last conducted on 30.10.2009. Copy of Public hearing compliance enclosed as (Annexure-J).</p> <p>R&R details:</p> <p>Existing (against earlier acquired land):</p> <table><tr><th>No. of Holdings</th><th>Employment given</th><th>Balance Employment</th><th>Monetary Compensation</th></tr><tr><td>264 (274 as per sharing basis)</td><td>184</td><td>76</td><td>14</td></tr></table> <p>Proposed (against the additional land as per latest EC):</p> <table><tr><th>No. of Holdings</th><th>Employment Approved</th><th>Employment given</th><th>Proposal under process</th><th>Monetary Compensation</th></tr><tr><td>NIL</td><td>NIL</td><td>NIL</td><td>NIL</td><td>NIL</td></tr></table> <p>Land Compensation: Rs. 52.53 Crores approved by Ministry of Coal(MoC) for 260.09 Ha. Of tenancy land.</p> <p>Rs. 52.53 Crores disbursed to 208 no.of Land losers.</p> <p>Balance Rs. 7.46 Crores is to be deposited in Tribunal due to dispute/court matter among the land loser.</p>	No. of Holdings	Employment given	Balance Employment	Monetary Compensation	264 (274 as per sharing basis)	184	76	14	No. of Holdings	Employment Approved	Employment given	Proposal under process	Monetary Compensation	NIL	NIL	NIL	NIL	NIL
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NIL	NIL	NIL	NIL	NIL																
(ii)	The Board of every company, shall ensure that the company spends in every financial year, at least two percent of the average net profits of the company made during the three immediately preceding financial years, in pursuance of its Corporate Social Responsibility Policy under section 135 of the companies Act 2013, for the socio economic development of the neighborhood.	<p>Developmental activities are undertaken in CSR are as per UNDP Human Development Indices like providing basic infrastructure (Roads, drinking water, sanitation facilities etc), Skill development Training for Employment & Entrepreneurship development for improving GDP, Primary schools for promoting basic education and Medical Camps for Health care and lifespan improvement are undertaken in CSR activities.</p> <ul style="list-style-type: none">• On rotation basis most of the villages are covered till the life of the project.• As per the revised CSR rules of CIL dated 30/12/2015, under Companies Act, fund allocation for CSR is Rs.2/tonne of Coal produced or 2 % of the average net profit of the company for the immediate preceding financial years.• Villages under 25 km radius of project are covered for implementation of CSR Works.• To implement CSR activities, a village level committee termed as “gram sabha of gram panchayat” requests list of activities to be undertaken in their respective villages.• The CSR activities are carried out through following set up:																		

		<p>1. Board level Committee headed by one Independent Director & 2 Functional Directors</p> <p>2. WCL-HQ CSR & Sustainability Committee constituted of HoDs of Environment, Civil, Finance & Medical.</p> <p>3. Area level CSR Committee headed by Area General Manager, HoDs of Civil, Personnel, Finance & CSR</p> <p>• The above mentioned committees scrutinize the proposals or request from the villages at each level before approval and then implement the activities. At the end of the financial year, the activities undertaken by CSR fund is audited and uploaded onto WCLs website which fulfills the requirement of monitoring.</p> <p>Apart from Socio-Economic welfare programmes, additionally, programmes related to Environment are also being carried out.</p> <ol style="list-style-type: none"> 1. Construction of APJ Abdul Kalam Eco park @ 5.00 crores. 2. Cleaning/ desilting of Erai river of Chandrapur @ Rs.5.41 crores. 3. 100 Ha Plantation done on degraded forest land in 2014-15 at Babupeth and Morwa for Rs. 2.02 crores. 4. 50 Ha Plantation done on degraded forest land in 2015-16 at Babupeth for Rs. 1.20 crores. 5. Rs. 25 lakhs given to Chandrapur Municipal Corporation-Chandrapur for development/plantation in open spaces in Chandrapur city. 6. Rs. 9 lakhs given to CMC-Chandrapur for cleaning of Ramalalake.
(h)	<u>Corporate Environment Responsibility</u>	
(i)	The Company should have a well laid down environment policy approved by the Board of Directors.	A well laid down Policy exists for Coal India Limited and the copy of the same is enclosed as (Annexure-I).
(ii)	To have proper checks and balances, the company should have a well laid down system of reporting of non-compliance/ violations of environmental norms to the Board Of Directors of the Company and / or stakeholders at large .	To have proper checks and balances the Company has a well laid down Environment policy for stakeholder at large. Environment monitoring reports and all other relevant information is being uploaded on WCL website in public domain.
(iii)	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, Who will report directly to the Head of the Organization.	<p>A full-fledged Environmental Cell with qualified & trained team of engineers exists at WCL HQ headed by GM (Env.), who report to Director (Tech) who is also Functional Director of the WCL Board.</p> <p>Environment Cell at Area level is headed by GM(Opn)/ Area General Manager and assisted by Area Nodal Officer (Env.) and Assistant Managers.</p> <p>At Project level the cell is headed by Sub Area Manager & assisted by Nodal Officer (Env) of the Project.</p>

(iv)	The funds earmarked for environmental protection measures should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional office.	<div>The funds earmarked for Environmental protection measures are kept separate and are not used for any other purpose. Details of Budget allocated and expenditure incurred for the 2021-22, till date is given below:</div> <table><tr><th rowspan="2">Year</th><th colspan="2">Budget Allocated (Lakhs)</th><th colspan="2">Expenditure Incurred (Lakhs)</th></tr><tr><th>Capital</th><th>Revenue</th><th>Capital</th><th>Revenue</th></tr><tr><td>2021-22</td><td>196.02 (Area)</td><td>2256.71 (Area)</td><td>5.64 (DOC)</td><td>1221.32 (Area)</td></tr><tr><td>2020-21</td><td>26 (DOC)</td><td>452.37 (Area)</td><td>14.15 (DOC)</td><td>357.81 (Area)</td></tr><tr><td>2019-20</td><td>23 (DOC)</td><td>484.40 (AREA)</td><td>7.49 (DOC)</td><td>354.15 (AREA)</td></tr><tr><td>2018-19 (till date)</td><td>186.25 (DOC)</td><td>297.90(Area)</td><td>75.77 (DOC)</td><td>264.07 (Area)</td></tr><tr><td>2017-18</td><td>16.02 (DOC)</td><td>531 (Area)</td><td>2.21 (DOC)</td><td>275.66 (Area)</td></tr><tr><td>2016-17</td><td>16.50 (DOC)</td><td>411.36 (Area)</td><td>16.35 (DOC)</td><td>353.88 (Area)</td></tr></table>	Year	Budget Allocated (Lakhs)		Expenditure Incurred (Lakhs)		Capital	Revenue	Capital	Revenue	2021-22	196.02 (Area)	2256.71 (Area)	5.64 (DOC)	1221.32 (Area)	2020-21	26 (DOC)	452.37 (Area)	14.15 (DOC)	357.81 (Area)	2019-20	23 (DOC)	484.40 (AREA)	7.49 (DOC)	354.15 (AREA)	2018-19 (till date)	186.25 (DOC)	297.90(Area)	75.77 (DOC)	264.07 (Area)	2017-18	16.02 (DOC)	531 (Area)	2.21 (DOC)	275.66 (Area)	2016-17	16.50 (DOC)	411.36 (Area)	16.35 (DOC)	353.88 (Area)
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(i)	<u>Statutory Obligations</u>																																								
(i)	Environmental Clearance is granted subject to final outcome of Hon’ble Supreme Court of India. Hon’ble High Court, NGT and any other Court of Law, if any as may be applicable to the project.	Noted.																																							
(ii)	This Environmental Clearance is subject to obtaining requisite NBWL Clearance from the Standing Committee of National Board for Wildlife, if any, as applicable to the project.	Noted.																																							
(iii)	The project proponent shall obtain consent to Establish and consent to Operate from the concerned State Pollution Board prior to increase in capacity of washery and effectively implement all the conditions stipulated there in .	Noted.																																							
(iv)	Project proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) for drawl of water of water (surface and ground water).	Ground Water NOC obtained vide NOC No. CGWA/NOC/MIN/ORIG/2019/6731 dtd. 28.11.2019 VALID UPTO 27.11.2021 & Application of Renewal dtd; 29.09.2022. copy enclosed as (Annexure-K)																																							
(j)	<u>Monitoring of Project</u>																																								
	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of	Regular monitoring of ground water level & quality in bore wells is being done by establishing a network of existing wells by Anacon Laboratories, Nagpur on regular basis in core & 10km radius buffer zone.																																							

	existing wells and constructing new piezometers during the mining operation. The Monitoring shall be carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environmental, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.	The Monitoring results are regularly submitted to Regional office, MoEF& CC and SPCB. (Annexure-L)
(ii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguard to the Ministry of Environment, Forest and climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.	<p>Noted for Compliance.</p> <p>Details of Last submitted Reports to Regional Office, MoEF& CC;</p> <ul style="list-style-type: none"> • Submitted on dtd. 06.06.2022 vide email form durgapurocwcl@gmail.com (For Oct-21 to March-22) • Submitted on dtd. 30.11.2021 vide email form durgapurocwcl@gmail.com (For April-21 to Sept-21) • Submitted on dtd. 30.05.2021 vide email form durgapurocwcl@gmail.com (For Oct-20 to March-21) • Submitted on dtd. 20.11.2020 vide email from durgapurocwcl@gmail.com (For April-20 to Sept.-20) • Submitted on dtd. 15.05.2020 vide email from durgapurocwcl@gmail.com (For Oct.-19 to March-20)
(iii)	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.	<p>Noted for Compliance.</p> <p>Full co-operation from Project Authorities will be extended to Officers of Regional Office, MoEF& CC, Nagpur by furnishing the requisite data/information/monitoring reports.</p>
(iv)	The activities pertaining to development of green belt/horticulture shall be reported to concerned Regional office of MoEF& CC on six monthly basis from the date of commencement of mining operations.	Noted

(v)	For half yearly monitoring reports, the data should be monitored for the period of April to September and October to March of the financial years and submitted to the concerned authorities within 2 months of the completion of periodicity of monitoring.	<p>Complied.</p> <p>Details of Last submitted Report:</p> <p>Details of Last submitted Reports to Regional Office, MoEF& CC;</p> <ul style="list-style-type: none"> Submitted on dtd. 06.06.2022 vide email form durgapurocwcl@gmail.com (For Oct-21 to March-22) Submitted on dtd. 30.11.2021 vide email form durgapurocwcl@gmail.com (For April-21 to Sept-21) Submitted on dtd. 30.05.2021 vide email form durgapurocwcl@gmail.com (For Oct-20 to March-21) Submitted on dtd. 20.11.2020 vide email from durgapurocwcl@gmail.com (For April-20 to Sept.-20) Submitted on dtd. 15.05.2020 vide email from durgapurocwcl@gmail.com (For Oct.-19 to March-20)
(k)	Miscellaneous	
(i)	A copy of clearance letter will be marked to concerned panchayat/ local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	A copy of clearance letter was marked to Sarpanch, Durgapur Gram panchayat& Sinhala Gram Panchayat, Dist- Chandrapur vide WCL/CHA/AGM/ENV/698 dtd: 17.11.2017, copy enclosed as (Annexure-M)
(ii)	An electronic copy of the EC letter shall be marked to the concerned State pollution Control Board, Regional office, District Industry Sector and Collector's Office/ Tehsildar Office information in public domain with 30 days.	An Electronic Copy of the EC letter was duly emailed to the concerned State Pollution Control Board, Regional office, District Industry Sector and Collector office via email id: rajeshratawa@coalindia.in dtd: 19.11.2017, copy enclosed as (Annexure-N). Same has been sent in hard copy vide letter WCL/CHA/AGM/ENV/698 dtd: 17.11.2017.
(iii)	The EC letter shall be uploaded on the company's website. The compliance status of the stipulated EC condition 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 (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	<p>Noted.</p> <p>The EC letter uploaded on the company website www.westerncoal.nic.in</p> <p>Six Monthly EC Compliance is being regularly submitted to the Regional Office of MoEF, Nagpur.</p> <p>Details of Last submitted Report:</p> <ul style="list-style-type: none"> Submitted on dtd. 06.06.2022 vide email form durgapurocwcl@gmail.com (For Oct-21 to March-22) Submitted on dtd. 30.11.2021 vide email form durgapurocwcl@gmail.com (For April-21 to Sept-21) Submitted on dtd. 30.05.2021 vide email form durgapurocwcl@gmail.com (For Oct-20 to March-21) Submitted on dtd. 20.11.2020 vide email from durgapurocwcl@gmail.com (For April-20 to Sept.-20) Submitted on dtd. 15.05.2020 vide email from durgapurocwcl@gmail.com (For Oct.-19 to March-20)

(iv)	<p>The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7days of the issue of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.Environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.</p>	<p>Complied. Advertisement of EC was published in the following newspapers: 1. The Hitvada (English) Dated 19.11.2017 2. Chandrapur Samachar (Marathi) Dated 19.11.2017 Copy enclosed as (Annexure-O).</p>
(v)	<p>The Environmental Statement for each financial year ending 31 March in Form-V is mandated to be submitted by the PP for the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC condition and shall be sent to the respective Regional Office of the MoEF& CC by-email.</p>	<p>Complied. The Environment Statement for the financial year 2021-22 has already been submitted online on MPCB (Maharashtra Pollution Control Board) Portal vide MPCB-ENVIRONMENT_STATEMENT-0000046347 dtd: 25.09.2022 and the same has been uploaded on WCL Website. Copy enclosed as (Annexure-P).</p>

**SAE (C)
DOC SA**

**Mine Manager
DOCM**

**SAM
DOCSA**