

वेस्टर्न कोलफील्ड्स लिमिटेड
Western Coalfields Limited
(मिनीरत्न कंपनी) (A Miniratna Company)
(कोल इंडिया लि. की अनुषंगी कंपनी)
(A Subsidiary of Coal India Limited)
उपक्षेत्रीय प्रबंधक कार्यालय
SUB AREA MANAGER OFFICE



पंजी. का.: मकरधोकड़ा उपक्षेत्र, पो: उमरेर प्रोजेक्ट जि: नागपुर ४४१ २०४

Regd. Off.: Makardhokda Sub Area Po: Umrer Project Dist: Nagpur 441 204

संदर्भ क्र. वेकोलि/उ.क्षे./म.उ.क्षे./उ.क्षे.प्र./2026/

दिनांक: 30/05/2026

प्रति,

The Additional Principal Chief Conservator of Forests.

Ministry of Environment, Forest & Climate Change (MoEF& CC)
Integrated Regional Office
Ground Floor, East Wing,
New Secretariat Building,
Civil Lines, Nagpur - 440001 (M.S.)

विषय: Six Monthly Environmental Compliance Report of Dinesh (Makardhokra-III) OC Project for the period from 01/10/2025 to 31/03/2026.

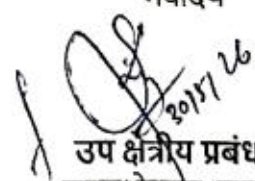
Dear Sir/Madam,

Please find enclosed herewith Six-Monthly Environmental Compliance Report of Dinesh (Makardhokra-III) OC Project for the period from **01/10/2025 to 31/03/2026**.

It is requested that the same may kindly be taken on record and accepted.

Thanking you.

भवदिय


उप क्षेत्रीय प्रबंधक,
मकरधोकड़ा उप क्षेत्र,
उमरेर क्षेत्र, वेस्टर्न कोलफील्ड्स लिमिटेड

प्रतिलिपी:

1. Area General Manager, WCL, Umrer Area.
2. General Manager (Env.), WCL, Nagpur.
3. Area Nodal Officer (Env.), WCL, Makardhokra Sub Area.

**WESTERN COALFIELDS LIMITED
(MINIRATNA COMPANY)**

**SIX MONTHLY ENVIRONMENTAL
COMPLIANCE REPORT**

(From 01/10/2025 to 31/03/2026)

IN RESPECT OF

**DINESH (MAKARDHOKRA-III)
OPEN CAST PROJECT**

**MAKARDHOKRA SUB AREA
UMRER AREA**

GOVERNMENT OF INDIA
Ministry of Environment, Forest and Climate Change
Regional Office (West Central Zone), Nagpur
MONITORING REPORT
Part-I
DATA SHEET

Sl. No	Particulars	Details
1.	Project type: River- valley/ Mining/ Industry/ Thermal/ Nuclear/Other (specify)	Mining (Coal) Opencast Mine
2.	Schedule and Category of the Project as per EIA, 2006.	1 (a) mining of mineral- Category 'A'
3.	Category of the Project as per CPCB Guidelines (Red, Orange, Green).	Red Category.
4..	Name of the project and Project proponent.	Dinesh (Makardhokra-III) Open Cast Project by M/s. Western Coalfields Limited located near Heoti Village, Umrer Tehsil, Nagpur Dist., Maharashtra.
5.	Clearance letter No. & dated	1. EC No. J-11015/537/2008.IA.II(M) dtd. 21. 06.2011 (Production capacity – 3.00 MTPA & Area – 1636.97 ha) 2. EC No. J-11015/537/2008.IA.II(M) dtd. 29.11.2018 (Production capacity – 4.2 MTPA & Area – 919.63 ha) 3. EC No. J-11015/537/2008.IA.II(M) dtd. 26.05.2022 (Production capacity – 4.5 MTPA & Area – 919.63 ha) (Annexure-I)
6.	Location: a) Village b) Tehsil c) District d) State e) Location Latitude/Longitude	Hevti Umrer Nagpur Maharashtra 20° 52'10" to 20° 53' 00" N 79° 11'31" to 79° 15'18" E
7.	Address for correspondence: a) Address of the Concerned Project Chief Engineer (with Pin Code & telephone/ telex/ fax numbers) b) Address of Executive Project Engineer/ Manager (with Pin Code/fax numbers)	Sub Area Manager, Dinesh (Makardhokra-III) OC A/P: Umrer Town Ship, Tah. Umrer, Dist: Nagpur (MS) Phone: 071 16 -247603
8.	a) Salient features of the project	First EC was obtained with production capacity of 3.0 MTPA in ML

	Environmental management plans	Area of 1636.97 ha dtd. 21.06.2011. Subsequently, Dinesh (Makardhokra-III) Opencast mine commenced on 25/11/16 with capacity of 3.0 MTPA. 2nd EC was obtained from Ministry in 2018 for capacity of 4.20 MTPA in 919.63 ha area. 3rd EC was obtained in 2022 for capacity of 4.5 MTPA in ML area 919.63 ha. Details of Environment Management Plan are given below: Air Pollution Control Measures: For the dust control, 90 Nos. fixed sprinklers are installed along coal transportation road, 24 Nos. fixed sprinklers are installed along coal stock yard, 12 Nos. of fixed sprinklers provided near weigh bridge. 11 Nos. trolley mounted Fog cannons are deployed and 8 Nos. of mobile water tankers deployed for water sprinkling at haul road, coal stockyard etc. To eliminate air pollution during coal transportation, rapid loading system with belt conveyor and SILO loading system is in operation. Moreover, 232 Nos. of mist nozzles are provided along Belt conveyor, TRS, Silo Loading system, Belt conveyor is covered with cladding. Waste water/ effluent treatment: Mine discharge is treated in sedimentation tank of dimension 32 m x 8 m x 2.50 m (i.e. 640 m³) and used for dust control and fire-fighting. Excess is discharged in to the river. 150 KLD effluent treatment plant is provided at workshop. There is no residential colony within mining lease area of mine. A Separate environmental management cell is established to look after the Environmental Management. Periodical Air, Water & Noise quality monitoring is carried out by NABL accredited laboratory i.e. CMPDI, Nagpur. Till 01.04.2026, a total of 1,26,647 Nos. of plants have been planted in 73.565 ha. (including 38.135 ha outside the EC sanctioned land area). Two number of piezometers have been constructed i.e. Shallow & Deep in the mining lease area of mine at Latitude: 20°52'21.10"N, & Longitude: 79°13'59.29"E. Capital expenditure made for Environment Pollution Control Measure is for Rs. 342.98 Lakhs and in addition to this, ₹. 6.00/t has been considered for revenue expenditure related to environmental activities in the mine.
9.	Breakup of the project area a) Total Plot Area b) Submergence Area; Forest & Non- Forest	a) Total Project area is 919.63 ha; Agricultural Land – 914.14 ha Government land – 5.49 ha

		b) Submergence Area: Nil, Forest Area: Nil, Non- Forest: Nil													
10.	a) Total Plot Area b) Built-Up Area (Including Road) c) Open Space available d) Green belt area	a) Total project area as per EC is 919.63 ha. The land is acquired under CBA Act, 1957. b) The land use pattern during mining as per EC: - Quarry Area – 216.00 ha - External OB Dump – 226.00 ha - Rationalization/ Blasting zone – 416.63 ha - Infrastructure & Road – 25.00 ha - Other area – 36 ha c) The land use pattern during post mining stage as per EC - Area under plantation – 220.00 ha - Water Body – 154.00 ha - Public use – 27.00 ha - Undisturbed – 518.63 ha c) Existing Plantation area – 1,26,647 nos. of saplings planted covering an area of 73.565 ha. (including 38.135 ha outside the EC sanctioned land area).													
11	Financial details: a) Project costs as originally planned & subsequent revised estimates and the year of price reference. b) Allocations made for Environmental Management Plan with item wise & year wise breakup. c) Benefit Cost Ratio / Internal rate of Return and the year of assessment. d) Whether (c) includes the cost of Environmental Management as shown in the above, e) Actual expenditure incurred on the Project so far f) Actual expenditure incurred on the Environmental Management Plan so far	a) Capital investment as per PR 2009 – Rs. 502.22 Crores. b) Allocation made for Environment Management Measure (as per RPR August 2019) is for Rs. 221.09 Lakhs and an additional provision of 0.25 % of total additional capital against CER has been made. c) IRR% at 100% production level- 16.81% d) Yes e) Capital investment (as on 01-04-2026) is Rs. 648.314 crores. f) Expenditure for last five year for environmental protection including works like Tree plantation, Consent fees, Hazardous waste disposal, Effluent treatment plant, Sewage treatment plant and misc. environmental works. <table border="1"> <thead> <tr> <th>Financial Year</th><th>Expenditure (Rs. Lakhs)</th><th>Remarks</th></tr> </thead> <tbody> <tr> <td rowspan="2">2016-17</td><td>15.44</td><td>Construction of sedimentation tank</td></tr> <tr> <td>30.99</td><td>Construction of Effluent Treatment plant and washing ramp</td></tr> <tr> <td rowspan="2">2017-18</td><td>10.90</td><td>Construction of building for housing of CAAQMS</td></tr> <tr> <td>26.47</td><td>Installation of fixed sprinklers for dust suppression including water reservoir, pipeline</td></tr> </tbody> </table>	Financial Year	Expenditure (Rs. Lakhs)	Remarks	2016-17	15.44	Construction of sedimentation tank	30.99	Construction of Effluent Treatment plant and washing ramp	2017-18	10.90	Construction of building for housing of CAAQMS	26.47	Installation of fixed sprinklers for dust suppression including water reservoir, pipeline
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12	Whether project located in critically polluted Area / Severely Polluted	No																						
13.	Status of start of mining operations: a) Date of commencement (Actual and / or planned) b) Date of completion (Actual and / or planned)	a) Project commenced its operations on 25/11/2016. b) Balance life of the mine is 1 years as on 01/04/2026.																						
14	Mining Operations as per EC & CTO	First EC was obtained with production capacity of 3.0 MTPA in ML Area of 1636.97 ha dtd. 21.06.2011. Subsequently, Dinesh (Makardhokra-III) Opencast mine commenced on 25/11/16 with capacity of 3.0 MTPA. 2nd EC was obtained from Ministry in 2018 for capacity of 4.20 MTPA in 919.63 ha area. 3rd EC was obtained in 2022 for capacity of 4.5 MTPA in ML area 919.63 ha. CTO has been obtained from MPCB vide consent no. Format1.0/CAC/UANNo. MPCB CONSENT-0000272556 /CR/2603004441 with validity upto 31-03-2028. The production details from FY 2018-19 is placed below: <table><tr><td>FY</td><td>EC sanctioned production capacity (MTPA)</td><td>Actual production (MTPA)</td><td>Excess production beyond the EC sanctioned capacity</td></tr><tr><td>2016-17</td><td>3.00</td><td>0.0125</td><td>Nil</td></tr><tr><td>2017-18</td><td>3.00</td><td>2.229</td><td>Nil</td></tr></table>	FY	EC sanctioned production capacity (MTPA)	Actual production (MTPA)	Excess production beyond the EC sanctioned capacity	2016-17	3.00	0.0125	Nil	2017-18	3.00	2.229	Nil										
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		2018-19	4.20	3.26	Nil
		2019-20	4.20	4.134	Nil
		2020-21	4.20	2.412	Nil
		2021-22	4.50	1.131	Nil
		2022-23	4.50	3.003	Nil
		2023-24	4.50	4.432	Nil
		2024-25	4.50	4.50	Nil
		2025-26	4.50	4.50	Nil
15.	Reasons for delay if the project is yet to start	No delay.			
16	KML of the project	Submitted (Annexure – II)			
17	Status of Public Hearing commitments	Public hearing conducted was conducted on 22.10.2010 at community hall, WCL colony, Umrer Area for obtaining EC for Dinesh (Makardhokra-III) OC with production capacity of 3.0 MTPA and ML area of 1636.97 ha. Major issues raised are related to Employment, environment, land compensation. • Pollution control measures are deployed. • The R & R benefits for 1441 (including Monetary compensation) against 1632 Ha approved by WCL Board. • 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. • Land compensation paid till date: 373.41 Crore. • Monetary compensation paid: 34.58 Crore. • Rehabilitation of Hewati village is in process with capital provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway.			
18	Status of R & R	A total of 748 Project Affected Families (PAFs) of Heoti Village have been identified for rehabilitation. For the rehabilitation of Heoti Village, 18.66 hectares of land has been acquired in Udasa and Rajurwadi villages. Out of the proposed 20 amenities, 16 have been completed, while the remaining are in progress. Compensation to PAFs is also under process.			
19.	Dates of site visits: I) The dates on which the project was monitored by the Regional Office on previous occasions, if any II) Date of site visits for this monitoring report	I) Dinesh OC was visited on 25.04.2026, 18.01.2018 and 04.01.2025 by RO, MoEF&CC Nagpur II) 25.04.2026			
20.	Purpose of present site visit	Not applicable			
21	Pending litigation if any or directions issued by any regulatory author.	There is no court cases/ show-cause notice against Dinesh OC with respect to Environmental Clearance. Undertaking was submitted.			

Detailed EC Compliance status for EC dtd. 29.11.2018 & 26.05.2022

Sl. No.	Conditions as per EC dated 29.11.2018	Status as per Six Monthly Compliance report as on 31-03-2026
A	Specific Conditions:	
(i)	Project proponent shall obtain Consent to establish from the state pollution control boards for the proposed peak capacity of 4.2 MTPA prior to commencement of the increased production.	MoEFCC has granted EC with increase in the production capacity from 4.2 MTPA to 4.5 MTPA vide letter no. MOEF OM No. J-11015/537/2008-IA. II (M) dated 26/05/2022. Consent to establish was obtained for 4.5 MTPA vide Format1.0/CAC/UAN No. MPCB CONSENT-0000142418/CE/2211001310 dtd. 16.11.2022 and Consent to Operate has been obtained vide letter no. Format1.0/CAC/UAN No. MPCB CONSENT-0 000272556/CR/2603004441 which was valid up to 31/03/2028. Copy of CTO/CTE are enclosed (Annexure-III).
(ii)	Transportation of coal from face to coal heap shall be carried out by tippers. Further, the coal transportation from coal heap to Coal Handling Plant shall be carried out through covered trucks.	Coal from the mine face is transported to the Truck Receiving Station (TRS) through tarpaulin-covered trucks, from where it is fed into a closed belt conveyor system. The conveyor system carries the coal to an overhead bunker provided for intermediate storage and flow regulation, and thereafter to the SILO. The SILO is integrated with a Rapid Loading System (RLS) for automatic and high-speed loading of coal into railway wagons. This integrated arrangement of belt conveyor, overhead bunker, SILO, and RLS ensures efficient coal evacuation while minimizing fugitive dust emissions, handling losses, and manual intervention. Further, all trucks exiting the mine premises are mandatorily covered with tarpaulin to prevent spillage and dust generation during transit.
(iii)	To control the production of dust at source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers.	To mitigate dust pollution due to mining activities, following measures have been implemented: • 2 Nos of mobile water tankers of 20 KL capacity and 6 Nos of 10 KL Capacity are in operation at haul road. • 10 nos. of sprinklers provided at Railway siding. • 12 nos. of sprinklers provided along coal stock approach and weigh bridge. • 24 nos. of sprinklers provided around coal stock yard • 90 nos. of nozzles provided along coal transportation road. • Automatic tyre washing system is installed at main check post of Umrer Area which is common exit point for all coal transportation truck leaving mining lease area of WCL. After securing EC dated 26.05.2022, following additional measures were augmented for effective pollution control • The off-pit closed belt conveyor system integrated with an overhead bunker, SILO, and Rapid Loading System (RLS) has been in operation since June 2025 for coal transportation. • 232 nos. of mist nozzles has been installed all along Truck

		receiving station (TRS), belt conveyor system and RLS. • Side cladding is provided at TRS. • Truck mounted sweeping machine deployed. • 10 nos. trolley mounted mist cannon and 1 no. of truck mounted cannon have been provided at crusher, coal stock yards, haul roads for dust suppression.														
(iv)	Mitigative measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient number of water sprinklers. Adequate corrective measures shall be undertaken to control dust emissions as presented before the Committee, which would include mechanized sweeping, water sprinkling/mist spraying on haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at railway siding etc.	Details provided at point no.A (iii).														
(v)	The company shall obtain approval of CGWA for use of groundwater for mining operations at its enhanced capacity of 4.2 MTPA.	Groundwater NOC from CGWA for abstracting Ground Water has been obtained vide No. CGWA/NOC/MIN/ORIG/2019/5548 which was valid up to 09.06.2021. CGWA has issued 2nd NOC on dtd. 25.03.2026 valid till 09.06.2025. Further application for renewal is submitted vide email dtd. 07.06.2025. The application is under process (Annexure-IV).														
(vi)	Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	Occupational health monitoring is carried out through Periodical Medical Examination (PME) for all employees once in three years, as per statutory provisions, with emphasis on detection of Coal Workers' Pneumoconiosis (CWP). Initial Medical Examination (IME) is also conducted for all new departmental and contractual employees. Area Hospital of Umrer Area, WCL is equipped to meet all statutory requirements for occupational health monitoring. IME/PME details for the last three years are as follows: <table border="1"> <thead> <tr> <th rowspan="2">Year</th><th colspan="2">No. of workers (Dept. & Cont.)</th></tr> <tr> <th>IME</th><th>PME</th></tr> </thead> <tbody> <tr> <td>2023-24</td><td>344</td><td>64</td></tr> <tr> <td>2024-25</td><td>263</td><td>84</td></tr> <tr> <td>2025-26</td><td>300</td><td>78</td></tr> </tbody> </table>	Year	No. of workers (Dept. & Cont.)		IME	PME	2023-24	344	64	2024-25	263	84	2025-26	300	78
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(vii)	Persons of nearby villages shall be given training on livelihood and skill development to make them employable.	Skill development trainings are being conducted in nearby villages as well as at the Group VTC of Umrer Area to promote livelihood generation and self-employment among local people. The details of skill development programmes are as follows: <table><tr><th>Year</th><th>Training Programs</th><th>No. of beneficiaries</th></tr><tr><td>2023-24</td><td>Assistant electrician</td><td>04</td></tr><tr><td>2024-25</td><td>Skill Development in Machine Operator-Plastic processing/ Injection Moulding / Tool Room courses; Tailor course and Foot wear Design and production course and Retail Fashion Merchandise course</td><td>39</td></tr><tr><td>2025-26</td><td>CIPET</td><td>20</td></tr></table> Further at area level need-based training has been provided to 817 Nos. of working employees including contractual workers.	Year	Training Programs	No. of beneficiaries	2023-24	Assistant electrician	04	2024-25	Skill Development in Machine Operator-Plastic processing/ Injection Moulding / Tool Room courses; Tailor course and Foot wear Design and production course and Retail Fashion Merchandise course	39	2025-26	CIPET	20												
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(viii)	To ensure health and welfare of nearby villages, regular medical camps shall be organized at least once in six months.	Medical camps are organized on regular basis by WCL, Umrer Area. Details of medical camps conducted in last 3 years are given below: <table><tr><th>Year</th><th>No. of Medical camps</th><th>No. of Beneficiaries</th></tr><tr><td>2023-24</td><td>45</td><td>4743</td></tr><tr><td>2024-25</td><td>29</td><td>2678</td></tr><tr><td>2025-26</td><td>78</td><td>5003</td></tr></table> Details of Medical camp conducted during the FY 24-25 and 25-26 is enclosed as Annexure -V. OPD facility is also provided for surrounding villages. No. of beneficiaries are mentioned below: <table><tr><th>Year</th><th>No. of Beneficiaries who availed OPD facility</th></tr><tr><td>2021-22</td><td>2890</td></tr><tr><td>2022-23</td><td>3118</td></tr><tr><td>2023-24</td><td>2904</td></tr><tr><td>2024-25</td><td>35185* (Including Employees & Dependents.)</td></tr><tr><td>2025-26</td><td>2692</td></tr></table>	Year	No. of Medical camps	No. of Beneficiaries	2023-24	45	4743	2024-25	29	2678	2025-26	78	5003	Year	No. of Beneficiaries who availed OPD facility	2021-22	2890	2022-23	3118	2023-24	2904	2024-25	35185* (Including Employees & Dependents.)	2025-26	2692
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(ix)	Thick green belt of adequate width at the final boundary in the down wind direction of	The mine has started its operation on 25.11.2016. Till date, 1,26,647 nos of saplings have been planted in an area of 73.565 ha. Out of the total plantation achieved, 35.5 ha has been																								

	the project site shall be developed to mitigate/check the dust pollution.	developed in EC area of 919.63 ha and 38.065 ha. has been done outside EC area. Details are given below: <table border="1"> <thead> <tr> <th>Location</th><th>No of plants</th><th>Area in Ha</th><th>Plantation site</th></tr> </thead> <tbody> <tr> <td rowspan="2">Within Mine</td><td>42,500</td><td>17</td><td>Plain land along ML Boundary</td></tr> <tr> <td>46,250</td><td>18.5</td><td>OB dump Area</td></tr> <tr> <td rowspan="2">Outside ML Area</td><td>29592</td><td>24.938</td><td>Plain land along ML Boundary</td></tr> <tr> <td>8305</td><td>13.34</td><td>Block plantation beside belt conveyor</td></tr> <tr> <td></td><td>1,26,647</td><td>73.565</td><td></td></tr> </tbody> </table> photographs are enclosed (Annexure-VI). Boundary of Dinesh OC is 17 Km out of which 3 Km (approx..) has been planted with thick green belt of width (avg.) 100 mts.	Location	No of plants	Area in Ha	Plantation site	Within Mine	42,500	17	Plain land along ML Boundary	46,250	18.5	OB dump Area	Outside ML Area	29592	24.938	Plain land along ML Boundary	8305	13.34	Block plantation beside belt conveyor		1,26,647	73.565		The geo tagged
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(x)	Efforts shall be made for utilizing alternate source of surface water, abandoned mines or else whatsoever and thus minimizing the dependability on a single source.	Mine discharge water is the primary source of water for all the industrial purposes. Mine water is collected in quarry sump of capacity 163.62 million gallons in the quarry area of mine. This sump allows settlement of suspended particles present in water. The supernatant from these sumps is then pumped out on surface and fed into the surface sedimentation tank of 640 m3 capacity. This mine water is used for industrial purposes such as dust suppression, firefighting and plantation etc.																							
(xi)	A third-party assessment of EC compliance shall be undertaken once in three years through agency like ICFRI/NEERI/IIT or any other expert agency identified by the Ministry.	Third party assessment of EC compliance is being carried out once in three years. Latest third-party assessment of EC compliance was carried on 15.04.2026. Assessment report is awaited.																							
B	General Conditions:																								
(a)	Mining																								
(i)	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there— under as applicable.	Mining is being carried out as per the provisions of the Mines Act 1952 and subordinate legislations made there— under as applicable.																							
(ii)	No change in mining method, Calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forest and Climate Change.	Method of mining is opencast with shovel-dumper combination. There has been no change in scope of work and production programme beyond EC/ approved Mining Plan.																							
(iii)	Mining shall be carried out as per the approved mining plan	Mining is being carried out as per the provisions outlined in approved mining plan as well as by abiding to the relevant laws																							

	including mine closure plan, abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	related to coal mining and the circulars issued by Directorate General Mines Safety (DGMS).
(iv)	No mining activity shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian forest act, 1927.	Conservation plan submitted to DCF, Nagpur vide letter dated 02-04-2026.
(b)	Land Reclamation and Water Conservation	
(i)	Digital survey of entire lease hold area/ core zone using Satellite Remote sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale shall be submitted to Ministry of Environment, Forest and Climate Change/ Regional Office (RO).	Digital processing of the entire lease area using Remote sensing technique is done every year by CMPDIL. Land Restoration/ Reclamation monitoring report (March 2025) of Dinesh OC mine based on satellite data for the year 2024 is enclosed (Annexure-VII). Reports of which are available on WCL website. https://westerncoal.in/en/departments/environment/land-reclamation The same is submitted to Ministry of Environment, Forest and Climate Change on regular basis along with six monthly compliance report.
(ii)	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of any river/ rivulet/ pond/lake etc., shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and	Surface drainage plan as per EIA/EMP report along with all precautions are being taken for avoiding any adverse impact on surface drainage. An embankment is constructed along the Amb nallah (at the south side of nallah). The height of the embankment provided to protect the mine along its boundary has been kept 6.0 meters above the HFL of the nallah. The Top width of embankment has been kept 34.00 m which is sufficient to protect the mine from peak flow of the nallah.

	with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS.																						
(iii)	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40m, adequate engineering interventions shall be provided for sustenance of adequate life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purpose and shall be handled over to the respective state government as specified in the guidelines for preparation of mine closure plan issued by the ministry of coal dated 27th august, 2009 and subsequent amendments.	Post Mining activities will be taken up as per approved Mining Plan and mine closure plan. The backfilled quarry will be reclaimed with plantation as per EMP in consultation with State Forest Agency. Density of the plants will be maintained at 2500 plants per ha. The proposed water body of decoaled void will be gently sloped and upper benches shall be terraced and stabilized with plantation.																					
(iv)	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the “during mining”/ “post mining” land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status I the post mining land use pattern shall be submitted to the Ministry of Environment, Forest and climate change/ Regional Office on six monthly basis.	All the mining activities are being conducted as per Approved Mining Plan and shall be continued. Progressive compliance status of land use pattern is submitted regularly to the Ministry of Environment, Forest and climate change/ Regional Office along with Six Monthly compliance Report. Land Use Plan During Mining (as on 31.03.2026) <table border="1"> <thead> <tr> <th>SI No</th><th>Particulars</th><th>Area in Ha</th></tr> </thead> <tbody> <tr> <td>1</td><td>Quarry Area (Excavation area)</td><td>214.65</td></tr> <tr> <td>2</td><td>External OB dumps</td><td>210.516</td></tr> <tr> <td>3</td><td>Rationalization/ Blasting zone</td><td>408.708</td></tr> <tr> <td>4</td><td>Infrastructure & Roads</td><td>7.77</td></tr> <tr> <td>5</td><td>Other area</td><td>77.986</td></tr> <tr> <td colspan="2">Total</td><td>919.63</td></tr> </tbody> </table> Backfilling is under progress.	SI No	Particulars	Area in Ha	1	Quarry Area (Excavation area)	214.65	2	External OB dumps	210.516	3	Rationalization/ Blasting zone	408.708	4	Infrastructure & Roads	7.77	5	Other area	77.986	Total		919.63
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(v)	The top soil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized for long. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to Ministry of Environment, Forest and Climate Change/ Regional Office on six monthly basis.	The mine has started its operation on 25.11.2016. Top soil removed as on 31.03.2026 is 9.712 Mm³. 6.161 Mm³ (as on 31.03.2022) of top soil is stacked at earmarked site. Direct spreading of topsoil over external OB dumps has been undertaken since FY 2022–23. During the period from 2022–23 to 2025–26, approximately 3.55 Mm³ of topsoil generated at the site has been directly utilized for reclamation of OB dumps. OB generated is stored in external OB dump no. 2 and 3 of slope not exceeding 28° in ML area. All the dumps are active. Till 31.03.2026, 151.076 Mm³ of OB has been excavated. 79.714 Mm³ of excavated OB has been stacked at external OB dumps. Details of external OB dump is given below: <table border="1" data-bbox="803 688 1429 909"> <thead> <tr> <th>Dump</th><th>Area in Ha</th><th>Height of Dump (m)</th></tr> </thead> <tbody> <tr> <td>External OB (Dump No. 2)</td><td>118.189</td><td>45-65</td></tr> <tr> <td>External OB (Dump No. 3)</td><td>92.327</td><td>50-75</td></tr> </tbody> </table>	Dump	Area in Ha	Height of Dump (m)	External OB (Dump No. 2)	118.189	45-65	External OB (Dump No. 3)	92.327	50-75
Dump	Area in Ha	Height of Dump (m)									
External OB (Dump No. 2)	118.189	45-65									
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I	Emissions, Effluents, and Waste Disposal										
(i)	Transporting of coal, to the extent permitted by road, shall be carried out by covered trucks/ conveyors. Effective control measures such as regular water/mist sprinkling/rain gun etc. shall be carried out in critical areas prone to air pollution (with higher values PM₁₀/PM_{2.5}) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/ State Pollution Control Board.	All the vehicles transporting coal are loaded within permissible limit and trucks leaving the mine premises are covered with tarpaulin. It is ensured by using CCTV cameras. At present four Nos of CCTV Cameras are installed at main check post of Umrer Area. CCTV footages are regularly monitored. Security guards are also deployed at main check post to check whether all the trucks leaving the mine premises are properly covered or not. Pollution Control measures are elaborated at Sr. No. A(iii). Regular ambient air monitoring is done by CMPDI, RI – IV Nagpur having NABL accredited laboratory and all the readings are found within permissible limit.									

(ii)	Greenbelt, consisting of 3-tier plantation, of width not less than 7.5m, shall be developed all along the mine lease area in a phased manner. The green belt comprising of a mix of native species shall be developed all along the major approach / coal transportation roads.	The mine has started its operation on 25.11.2016. Till date, 1,26,647 nos of saplings have been planted in an area of 73.565 ha. Out of the total plantation achieved, 35.5 ha has been developed in EC area of 919.63 ha and 38.065 ha. has been done outside EC area. Geotagged photos are enclosed (Annexure-VI). Boundary of Dinesh OC is 17 Km out of which 3 Km (approx..) has been planted with thick green belt of width (avg.) 100 mts.
(iii)	The transportation of coal shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a "bypass" road, it should be constructed so that the impact of sound, dust and accidents could be appropriately mitigated.	The transportation of coal is carried out as per the provisions and route proposed in the approved mining plan. The coal transportation road is properly maintained and it is directly connected to State Highways (BT road). There is no village in the mine lease area and coal is not transported through any village/ habitation. There is no need for bypass road. RLS (Rapid loading system) with belt conveyor and Silo System is in operations since June 2025. Most of the coal is being dispatched through this RLS minimizing the air pollution due to loading, unloading and diesel emissions due to movement of Coal transportation trucks.
(iv)	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining "PUC" certificate from the authorized pollution testing centres.	As per the present practice, the PUC certificate is obtained for all vehicles and the same shall be continued. Copy of PUC certificates is enclosed (Annexure-VIII).
(v)	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provide with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	Pollution Control measures are elaborated at Sr. No. A(iii).
(vi)	Coal Handling Plant shall be operated with effective	Pollution Control measures are elaborated at Sr. No. A(iii).

	measures viz. bag filters/ water or mist sprinkling system etc. to check fugitive emissions from crushing operations, conveyor system, transfer points, etc.	
(vii)	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for construction and augmentation of ground water resources.	Ground water is not used for any mining operations. Rainwater harvesting measures implemented are listed below: • The Mine sump (Capacity: 163.62 Million gallons) is unlined and have potential for augmentation of ground water resources. • A Check Dam has also been provided at Lal Puliya Railway Bridge. Dimensions (Length-55 m, height-1.2 m from river bed) with storage volume 31350 m³ and estimated yearly recharge of 70537 m³/ annum. • Roof top Rainwater harvesting system has been provided at AGM Office for roof top area 850 m² with estimated yearly recharge of 742 m³/ annum.
(viii)	Catch/ garland drains and siltation ponds of appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ponds so constructed shall be regularly desilted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be used for dust suppression measures and green belt development. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within	To arrest the flow of silt and sediments, following actions are taken: i) To arrest flow of silt & sediment during monsoon, catch drain of size (top width 3 m, bottom width 2 m & height 2 m) has been constructed. ii) The silt and sediment from OB benches are guided through cross drainage into the sump (80m x 150m x 2m) having capacity of 24000 m³ to allow settlement of suspended particles. iii) The drain and sumps are de-silted before onset of every monsoon. Sump capacity is adequate to allow proper settlement of particles. Water collected in the sump is 15 Million gallons approx. and it is used for dust suppression measures. The catch drains at the toe of the dump provide all protection measures against flow of silt and sediments. As such no separate construction of toe wall is required.

	the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.	
(ix)	Industrial waste water from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Oil and grease trap shall be installed and maintained fully functional with effluents discharge adhering to the norms. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste.	Effluent from workshop is treated in 150 KLD ETP provided with oil & grease trap. Treated effluent is recycled and used in workshop for washing of HEMM. The quality water is monitored fortnightly and adequate measures will be taken (if need arises) to maintain the quality of water within permissible limits. A copy of latest monitoring reports are enclosed. (Annexure IX) There is no colony within mining lease area of mine. Employees reside at Umrer colony where domestic sewage disposal arrangement of 0.3 MLD capacity using Phytorid technology has been provided.
(x)	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	Details provided at Sr. No. I. (vii).
(d)	Illumination, Noise & Vibration Control	
(i)	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & RO on six-monthly basis.	Adequate lighting arrangements are provided in mine premises to meet DGMS standards. These are monitored regularly by lux meter. Copy of illumination study report is enclosed (Annexure-X) .

(ii)	Adequate measures shall be taken for control of noise levels below 85 Db (A) in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/ muffs in conformity with the prescribed norms/ guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	Noise pollution control measures are being implemented. Personnel working in operating mine are being provided with PPE like Ear plugs/ muffs. Numbers of Ear Plugs issued in last 3 years are given below: <table data-bbox="782 361 1278 583"> <tr> <th>Sl. No.</th><th>Year</th><th>No. of ear plugs provided</th></tr> <tr> <td>1</td><td>2023-24</td><td>39</td></tr> <tr> <td>2</td><td>2024-25</td><td>06</td></tr> <tr> <td>3</td><td>2025-26</td><td>51</td></tr> </table> Regular awareness programs are also undertaken at VTC.	Sl. No.	Year	No. of ear plugs provided	1	2023-24	39	2	2024-25	06	3	2025-26	51
Sl. No.	Year	No. of ear plugs provided												
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(iii)	Controlled blasting techniques shall be practiced in order to Mitigative ground vibrations and fly rocks as per the guidelines prescribed by the DGMS.	Controlled blasting techniques with use of delay detonators are being practiced to control the ground vibration and to arrest the fly rocks. Controlled blasting technique as permitted by DGMS is adapted. Vibration study is being carried out regularly in nearby village by project authorities. Copy enclosed (Annexure-XI).												
(iv)	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises and report in this regard shall be submitted to this Ministry/ RO on six-monthly basis.	Noise level monitoring station is established near Pit Office. Day time & night time noise level data are monitored fortnightly as per Env. (protection) Amendment Rule, 2000. Report of the same is being submitted to MoEF & CC on six-monthly basis. The Monitoring Report is enclosed (Annexure-IX).												
I	Occupational Health & Safety													
(i)	The project Proponent shall undertake occupational health survey for initial and periodical medical examination of the workers engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides regular periodic health check-up, 20% of the workers identified from workforce engaged in active	Details provided at Specific condition no. A(vi)												

	mining operations shall be subjected to health check up for occupational diseases and hearing impairment, if any.																				
(ii)	Personnel (including outsourcing employees) working in dusty areas shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	Persons exposed to dusty areas are provided with protective gears like dust masks with goggles. Numbers of Dust Masks issued in last 3 years are given below: <table><tr><th>Sl. No.</th><th>Year</th><th>Nos of Dust Masks provided</th></tr><tr><td>1</td><td>2023-24</td><td>109</td></tr><tr><td>2</td><td>2024-25</td><td>79</td></tr><tr><td>3</td><td>2025-26</td><td>103</td></tr></table> As per statute all personnel working in mines are given training and retraining on safety and health aspects on different trades for both departmental and contractual workers.	Sl. No.	Year	Nos of Dust Masks provided	1	2023-24	109	2	2024-25	79	3	2025-26	103							
Sl. No.	Year	Nos of Dust Masks provided																			
1	2023-24	109																			
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(iii)	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	Skill training as per safety norms specified by DGMS is given to all workmen including the outsourcing employees to ensure high safety standards in mines. Number of persons given training in last 3 Years are given below: <table><tr><th rowspan="2">Year</th><th colspan="3">No. of workers</th></tr><tr><th>Departmental</th><th>Contractual</th><th>Total</th></tr><tr><td>2023-24</td><td>68</td><td>296</td><td>364</td></tr><tr><td>2024-25</td><td>102</td><td>101</td><td>203</td></tr><tr><td>2025-26</td><td>7</td><td>136</td><td>143</td></tr></table>	Year	No. of workers			Departmental	Contractual	Total	2023-24	68	296	364	2024-25	102	101	203	2025-26	7	136	143
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	Departmental	Contractual	Total																		
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2025-26	7	136	143																		
(f)	Ecosystem and Biodiversity conservation																				
(i)	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted/reported in the study area. Action plan, in this regard, if any shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	Not applicable as there are no endangered flora/ fauna in core and buffer zone as per baseline data generated in EIA/EMP.																			
(g)	Public Hearing, R&R & CSR																				
(i)	Implementation of Action Plan on the issues raised during the Public Hearing	Action Taken Report on the issues raised during the Public Hearing is enclosed (Annexure-XII) .																			

	shall be ensured. The Project Proponent shall undertake all the tasks/measures as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees shall be compensated as per the norms laid out R&R Policy of the Company/ or the National R&R Policy/R&R Policy of the State Government, as applicable.	The details as per the present status of land acquisition is as follows: • The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. • 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. • Land compensation paid till date: 373.41 Crore. • Monitory compensation paid: 34.58 Crore. • Rehabilitation of Hewati village is in process with capita provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway.								
(ii)	The project proponent shall ensure that the expenditure towards, socio-economic development in and around the mine, in every financial year as per the Corporate Social Responsibility policy as per the provisions under Section 135 of the Components Act, 2013.	The activities undertaken for the specific villages adopted under CSR are displayed on the company website and are updated accordingly. In every year, area-wise detailed CSR plan is prepared after due consultation with local beneficiaries. Umrer Area has spent the following under CSR in last 3 years: <table><tr><th>Year</th><th>Rs. In lakhs</th></tr><tr><td>2025-26</td><td>136.36</td></tr><tr><td>2024-25</td><td>71.58</td></tr><tr><td>2023-24</td><td>59.50</td></tr></table> Details enclosed (Annexure-XIII).	Year	Rs. In lakhs	2025-26	136.36	2024-25	71.58	2023-24	59.50
Year	Rs. In lakhs									
2025-26	136.36									
2024-25	71.58									
2023-24	59.50									
(iii)	The project proponent shall follow the mitigation measures provided in the Ministries OM No.Z-11013/5712014-IA.11 (M), dated 29 th October, 2014, titled “Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”.	There is no habitation/village in the mine lease area. Nearest village (Hewati Village) is approx. 1200 m north from the mine boundary. The coal transportation route lies in the south of mine lease area which is approx. 2.05 km away from the Hewati village. Approx. 80-85% coal is transported through Silo / rail to all the major consumers. The remaining 15-20% coal is transported through tarpaulin covered trucks. The coal transportation road is properly maintained and it is directly connected to State Highways (BT road). Fortnightly monitoring of environmental attributes viz. air, water and noise is being done. A copy of latest reports are enclosed (Annexure IX). Regular monitoring of Ground Water level is also done in Hewati village for four times a year i.e. during pre-monsoon (May), monsoon (August), post-monsoon (November), and winter (January). Till date, no depletion in ground water level has been recorded. Ground water monitoring report is enclosed (Annexure-XIV). All blasting practices are carried out as per the permission of Director General of Mines Safety (DGMS). Ground vibration study								

		is conducted for nearby village and the results show Peak Particle Velocity (PPV) within the permissible limit. Copy of vibration report is enclosed as (Annexure- XI) .
(iv)	The Project Proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State Government to provide alternate areas for livestock grazing, if any. In this context, the Project Proponent shall implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land.	Not applicable as per the baseline data there is no grazing land in the core zone of the project. So, there is no necessity of making alternate arrangement for livestock grazing.
(h)	Corporate Environment Responsibility	
(i)	The Company shall have a well laid down Environment Policy duly approved by the Board of Directors. The Environment Policy should prescribe for standard operating procedures to have proper checks & balances and to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions. Also the company shall have a defined system of reporting of non-compliances/violations of environmental norms to the Board of Directors and/or shareholders or stakeholders.	Coal India Limited (CIL) has formulated a Corporate Environment Policy in December 1995, which was subsequently revised in 2012, 2018 and 2023. Corporate Environment Policy 2023 has been approved by CIL Board in its 460th Meeting held on 29th December, 2023 for implementation at CIL and its subsidiaries. Copy is enclosed (Annexure-XV). To deal with environmental issues and for ensuring compliance with environmental clearance conditions, at project level Environmental management cell is headed by Sub Area Manager and is assisted by Project Nodal officer (Env). At area level, Area General Manager, Heads the environment cell and is assisted by General Manager (Op) and Nodal officer (Env). At corporate level at HQ, there is full-fledged Environment Department which is headed by General Manager (Env) with a multi-disciplinary team of qualified and experienced engineers. The head of Corporate Environment department reports directly the Director (Tech), who is nominated owner of the company. In this regard, it may be mentioned here that at the Company Level a Sustainable Development Cell has been set up with multi-disciplinary officials for pursuing sustainable mining integrating environmental, social and economic factors. This cell is being monitored at the level of Director of the Company and further monitoring is being also done by CIL and MOC at the highest level.
(ii)	The project proponent shall comply with the provisions	Not applicable as per the O.M dated 1 st May, 2018 the provision of CER is not applicable.

	contained in this Ministry's OM dated 1 st May, 2018, as applicable, regarding Corporate Environment Responsibility.														
(iii)	The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions should be displayed on website of the Company.	The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions is displayed on company website https://westerncoal.in/en/corporate-structure .													
(iv)	A separate environmental management cell, both at the project level and company headquarter level, with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	The Environmental Management cell at corporate level is headed by GM (Env) and assisted by a multidisciplinary team of qualified and trained engineers under the control of Director (Tech.) At Area level, the cell is headed by Area General Manager, Umrer Area, assisted by Area Nodal Officer (Environment) Umrer Area, Project Officer/Sub Area Manager, Makardhokra Sub Area, Staff Officer (Civil), Umrer Area. At Project level, it is headed by Sub-Area Manager, Makardhokra Sub Area and assisted by Mine Manager, Makardhokra Sub Area; Safety Officer, Makardhokra Sub Area; Survey Officer, Makardhokra Sub Area and Nodal Officer (Environment) of the project.													
(v)	Action plan for implementing the EMP and environmental clearance conditions shall be prepared and shall be duly approved by the competent authority. The Year-wise funds earmarked for environmental protection measures shall be kept in separate account and not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.	The Action Plan for implementing EMP/EIA conditions are in built in the mining plan approved by Company Board. The funds earmarked for environment will not be diverted for other works. Expenditure incurred for Capital works are given below: <table border="1"> <thead> <tr> <th>FY</th><th>Expenditure (Rs. Lakhs)</th><th>Remarks</th></tr> </thead> <tbody> <tr> <td rowspan="2">2016-17</td><td>15.44</td><td>Construction of sedimentation tank</td></tr> <tr> <td>30.99</td><td>Construction of Effluent Treatment plant and washing ramp</td></tr> <tr> <td rowspan="2">2017-18</td><td>10.90</td><td>Construction of building for housing of CAAQMS</td></tr> <tr> <td>26.47</td><td>Installation of fixed sprinklers for dust suppression including</td></tr> </tbody> </table>	FY	Expenditure (Rs. Lakhs)	Remarks	2016-17	15.44	Construction of sedimentation tank	30.99	Construction of Effluent Treatment plant and washing ramp	2017-18	10.90	Construction of building for housing of CAAQMS	26.47	Installation of fixed sprinklers for dust suppression including
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	26.47	Installation of fixed sprinklers for dust suppression including													

					water reservoir, pipeline	
			2019-20	21.53	Providing and installation of fixed sprinklers for dust suppression including pipeline along coal stock	
			2021-22	2.58	Procurement and installation of Water flow meter	
				12.42	Installation of 02 nos of Piezometers with DWLR	
			2022-23	34.10	Procurement of one no of truck mounted Mist/Fog Generator	
				6.74	Procurement of 01 no of Trolley Mounted Mist/ Fog generator	
			2023-24	91.61	Providing and installation of 90 nos of fixed sprinklers for dust suppression including pipe line along coal transportation road.	
			2024-25	53.53	Procurement of CAAQMS	
			2025-26	46 Lakhs	38 lakhs (Procurement of Fog Cannons) 8 Lakhs (CAAQMS Spillover)	
(vi)	Self-Environmental Audit shall be conducted annually. Every three years, a third-party environmental audit shall be carried out.	Complied. Internal environmental audit system has been setup in the company. At Area level, EC compliance status review is being done on regular basis. Every three years the third-party assessment of EC compliance will be carried out. Latest third party EC compliance audit has been conducted on 15.04.2026. Inspection report is awaited.				
(i)	Statutory Obligations					
(i)	Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Court, NGT and any other Court of Law, from time to time, and as applicable to this project.	Noted for Compliance.				
(ii)	This Environmental Clearance shall be obtaining	Not applicable as the project is located beyond 10 km of, protected areas (national parks, sanctuaries, tiger reserves) or in eco-sensitive				

	wildlife Clearance, if applicable from the Standing Committee of National Board for Wildlife.	zones (ESZ) under the Wildlife (Protection) Act, 1972.
(iii)	The Project Proponent shall obtain Consent to Establish/Operate under the Air Act, 1981 and water Act, 1974 from the concerned State Pollution Control Board.	Details provided at specific condition no. (i)
(iv)	The project proponent shall obtain necessary permission of the Central Ground Water Authority (CGWA).	Details provided at specific condition no. (v)
(j)	Monitoring of Project	
(i)	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 PM ₁₀ , PM _{2.5} , SO ₂ , and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the SPCB. Online ambient air quality monitoring station/ stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once in six months.	Four nos. of ambient air quality monitoring stations have been established in consultation with MPCB Officials. Considering meteorological data, Topographical features and environmentally and ecologically sensitive targets which are as follows: • Manager office • Railway Weigh Bridge • Pipardol Village • Welsakara Village The Environmental Monitoring Report in respect of Makardhokra-III OCP is enclosed (Annexure-IX). Two Online Continuous Ambient Air Quality Monitoring Station (CAAQMS) has also been set up in consultation with MPCB and are in operation. Monitoring of heavy metals is being carried out once in six months by CMPDIL is enclosed as (Annexure –XVI).
(ii)	The Ambient Air Quality Monitoring in the core zone shall be carried out to ensure the coal industry standards notified vide GSR 742E dated 25.9.2000 and as amended from time to time by the Central Pollution	Details provided at General condition J(i). Data is regularly submitted to MoEF& CC along with six monthly compliance report.

	Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/ Regional Office and to CPCB/SPCB.	
(iii)	Effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Coal Industry Standard notified vide GSR 742I dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.	The quality of mine discharge water is monitored on fortnightly basis as per GSR 742 (E) of dated 25.09.2000. Copy of Monitoring Report is enclosed as (Annexure-IX).
(iv)	The monitoring data shall be updated on the company's website and displayed at the project site. The circular No: J-20012/1/2006-IA.1I (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Environment monitoring reports are being sent to R.O, MoEF, Nagpur and MPCB on regular basis and the same is being displayed on the company website also. https://westerncoal.in/en/departments/environment/compliance-report
(v)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of groundwater levels shall be carried out four times in a year i.e, pre-monsoon, monsoon, post-monsoon and winter and the ground water quality shall be monitored once in a year and data thus collected shall be sent regularly to Ministry of Environment, Forest and	Regular monitoring of ground water level from existing wells at 27 locations of Buffer zone is being done for four times a year i.e. during pre-monsoon (May), monsoon (August), post-monsoon (November), and winter (January). Quality of groundwater as per IS: 10500: 2012 is analyzed for 27 locations in Buffer zone once a year. Ground water level and quality monitoring report is sent to R.O., MoEF& CC, Nagpur and CGWA on regular basis. Ground water monitoring report is enclosed (Annexure-XVII). In compliance with the condition stipulated in the NOC for ground water abstraction issued by CGWA, 2 nos of piezometers are installed in core zone for continuous monitoring of ground water level. Data is regularly submitted to MoEF& CC along with six monthly compliance report.

	Climate Change / Regional Office.	
(vi)	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring date shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change / Regional Office.	Water quality of Amb river is monitored regularly as per GSR 7421 of dated 25.05.2000 and report is sent to Ministry of Environment, Forest and Climate Change / Regional Office along with the EC compliance report. Copy of the surface water monitoring report is enclosed as (Annexure-XVIII).
(vii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental conditions to the Ministry of Environment, Forest and Climate Change/ Regional Office. 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.	Six monthly reports on the status of the implementation of the stipulated environmental safeguards are submitted regularly to RO, MOEF&CC. The six-monthly report for the period April'2025 to sept'2025 is submitted to MoEF&CC through email and online portal PARIVESH.
(viii)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted for Compliance.
(k)	Miscellaneous	
(i)	Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.	Efforts are being made for the uses of Solar energy and conventional light bulbs are replaced by LEDs to reduce energy consumption. 01 no of 40 KWp On-Grid-Connected Roof Top Mounted solar power plant is installed at AGM Office of Umrer area and 01 no of 12 KWp On-Grid-Connected Roof Top Mounted solar power plant is installed at Area Hospital, Umrer Area. A 3 MW roof top solar power plant has been installed on the roof top of belt conveyor in FY 2024-25.

		All conventional lighting fixtures and fans have been replaced with energy-efficient LED lights and BLDC fans, resulting in significant reduction in energy consumption. Further, solar panels installed over the belt conveyor system are generating renewable energy, which is being utilized to partially offset the power demand of the conveyor system and associated electrical loads, thereby reducing dependence on conventional energy sources and lowering carbon footprint. The details are placed below: • Power consumption of MKD-III 25-26- 6562922.79kWH • Solar generation since installation till date -473499.81kWH • Savings due to Solar generation since installation till date - ₹41,09,978.35
(ii)	The project authorities shall inform to the Regional Office regarding commencement of mining operations	Complied. Information regarding commencement of mining operations along with half yearly EC compliance report.
(iii)	A copy of Environment Clearance shall be marked to concerned Panchayat. A copy of the same shall also be sent to the concerned State Pollution Control Board, Regional office, District Industry sector and Collector's office/Tehsildar Office for information in public domain within 30 days.	A copy of Environmental Clearance letter for 4.2 MTPA has marked to concerned Panchayat vide letter no. WCL/ SAM/ MKD/Asst. Manager I/ 2018-19/ 397 dated 05.02.19. A copy of Environmental Clearance letter for 4.5 MTPA sent to concerned Panchayat vide letter no. WCL/ SAM/ MKD/Asst. Manager I/ 2022-23/249 dated 05.07.2022. Copy enclosed (Annexure-XIX).
(iv)	The Environmental Clearance shall be uploaded on the company's website. The, compliance status of the stipulated EC 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 clearance letter and the six-monthly compliance report had been uploaded on the company's website so as to bring the same in the public domain. https://westerncoal.in/en/departments/environment/compliance-report
(v)	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	The same had been done after receipt of EC. Advertisements are given in the following News Papers: 1. 'The Hitavada' (English daily,Nagpur) dated 19.12.2018 2. 'Lokmat' (Marathi daily, Nagpur) dated 19.12.2018

	concerned, within 7 days of the issue of this clearance, informing that the project has been accorded environmental clearance and a copy of the same is available with the State Pollution Control Board and also at website of the Ministry.	EC dated 26-05-2022. 1. 'Punya Nagari' (Marathi daily, Nagpur) dated 31.05.2022 2. 'The Times of India' (English daily, Nagpur) dated 31.05.2022. Copy enclosed (Annexure-XX).
(vi)	The Environmental Statement for each financial year ending 31 March in Form-V is mandated to be submitted by the Project Proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail. Concerns raised during public hearing	The environmental statement for each financial year is submitted regularly to the MOEF's Regional Office, Nagpur along with the status of compliance of EC conditions as being practiced in all operating mines. The Audit report for year 2024-25 was submitted online to MPCB on 29.09.2025 (Copy Enclosed as Annexure-XXI).
(vii)	The above conditions will be enforced inter-alia, under the provisions of the Water (Preventions & 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 and any other orders passed by the Hon'ble Supreme Court of India/ Hon'ble High Court and any other Court of Law relating to the subject matter.	Noted for Compliance.

(viii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.	Noted for Compliance.
(ix)	The proponent shall obtain all necessary clearances clearances/ approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Noted for Compliance. All the necessary clearances and approvals from the Central and state authorities has been secured.
(x)	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted for Compliance.
(xi)	The coal company/ project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2 nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No. 114/2014 in the matter of 'Common Cause Vs Union of India & others.	Noted for Compliance. All mining activities are being carried out within the mine lease area and till date no illegal mining is being carried out.
(xii)	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department	Noted for compliance.

	of Mining & Geology, in strict compliance of the judgement of Hon'ble Supreme Court.	
(xiii)	This environmental clearance shall not be operational till such time the project proponent complies with the above said judgement of Hon'ble Supreme Court.	Noted for compliance. Till date, no notice for the payment of environmental compensation were received for Dinesh (Makardhokra-III) OC Mine.
(xiv)	This issues in supersession of the earlier EC granted vide letter No- J-11015/537/2008-IA. II (M) dated 21 st June, 2011.	Noted for compliance
	Conditions as per EC dated 26/05/2022	
(i)	PP shall submit Certified Compliance Report of the EC Vide No. F. No. J-11015/537/2008-IA.II (M). Dated 29 th November, 2018 granted for total 40% expansion, along with EIA/EMP report, prepared based on standard ToRs for the additional capacity of 10% on PARIVESH portal within six months of enhancement of production beyond 40%.	CCR of existing EC of Dinesh (Makardhokra-III) Open Cast project issued vide no. J-11015/537/2008-IA. II (M) dated 26/05/2022 and 29-11-2018 has been duly obtained from Regional Office, MoEF&CC Nagpur vide letter no: F. No. EC-1739/RON/2022-NGP/14014 dated 19.02.2025 wherein no non-compliance was reported. ATR against the partially complied condition has been submitted to Regional Office, MOEF & CC on 26.06.2025 (Annexure-XXII).
(ii)	In view of above (i), Ministry shall ascertain the adequacy of the proposed environmental safeguards and stipulate necessary conditions, if required, which shall be monitored as a part of the EC compliance monitoring.	Noted for compliance.
(iii)	PP shall obtain necessary prior consent for enhanced capacity from State Pollution Control Board under Air and Water Act.	Details provided at Specific condition no. (i) of EC dated 29.11.2018.
(iv)	Environmental quality parameters arising out of	Monitoring of all environmental quality parameters are being carried out as per the norms through NABL accredited CMPDI,

	proposed expansion shall be within the prescribed norms and the same shall be maintained as per prescribed norms.	Nagpur, from the reports made available, all the parameters are well within the permissible limits. Monitoring report from the April'2025-January 2026 are enclosed (Annexure-IX).
(v)	Hon'ble Supreme Court in an Writ Petition (s) Civil No. 114/ 2014, Common cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and 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 mine is currently operational. As per the approved mining plan, backfilling and plantation shall be taken up to ensure compliance of the condition. On pilot scale basis, grassing of Stylo Hemata species on vulnerable points of OB dump covering an area of 1.0 ha. has been carried out. Further, during 2026 monsoon, grassing on the benches and slope of OB dumps (no. 2) has been proposed to be taken up.
(vi)	All other terms and conditions as prescribed in Ministry's letter dated 21.06.2011 & 29.11.2018 shall remain the same and need to be complied by PP.	Noted for compliance.



Ministry of Environment & Forests (MOEF)

BY SPEED POST

No. J-11015/537/2008-IA.11 (M)

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road
New Delhi-110510.

To,

Dated: 21st June 2011

Chief General Manager
M/s Western Coalfields Ltd.
Coal Estate, Civil Lines,
NAGPUR - 440001.

Sub: Dinesh (Makardokhra-III) (3 MTPA in an ML area of 1636.97 ha) M/s Western Coalfields Limited located in Tehsil Umrer Dist. Nagpur, Maharashtra - Environment Clearance - reg.

Sir,

This is with reference to letter No. 43011/122/2008-CPAM dated 19.12.2008 of Ministry of Coal forwarding the application for Terms of Reference (TOR) and this Ministry's letter dated 09.02.2009 granting TOR to the above-mentioned project and subsequent letter No. WCL/ENV./1102/9-G/520 dated 31.12.2010 of M/s WCL forwarding the application for environmental clearance and letters dated 06.03.2011 and 14.06.2011, on the above-mentioned subject. The Ministry of Environment and Forests has considered your application. **The proposal is for opening a new opencast coal mine of 3 MTPA production capacity in an ML area of 1636.97 ha, of which 1385.37 ha is agricultural land, 140.78ha is forestland (zudpi jungle), and 69.85 ha is Government land. There are no ecologically sensitive areas within the 10km of the study area. Drainage of the block is controlled by River Amb. Of the total ML area of 1636.97 ha, area for excavation is 674.05 ha, external OB dump is 582.73ha, infrastructure is 10 ha, and area needed for rationalisation and blasting zone is 350.19 ha, and area for colony is 20 ha. Mining is opencast using shovel-dumper combination. Grade of coal is D-E. Total estimated OB generation is 660.32 Mm³ of which 314.69 Mm³ of OB would be stored in two external OB dumps of a max. height of 90m height. Backfilling of 345.63 Mm³ of OB is proposed from the 7th year onwards into the decoaled quarry area of 450 ha. The upper tiers (+30m above GL & +60m above GL) of the decoaled area would get merged with the external dump proposed in the western side of mine. Ultimate working depth is 200m bgl. The final void to be left would be 224.05 ha and 200m depth as the mine proposes to extend along the dip side. Total water requirement for the project would be 260 m³/d (for mine use -141m³/day and for drinking -119m³/day). A total 1146.73 ha of ML area would be reclaimed with plantation. A new railway line is proposed to be established in Umrer Area within 10 years, however, the same Railway Siding would cater to wagon loading. Until then, the present system of coal transportation by road to Umrer Railway Siding, at a distance of 2km would continue. A CHIP is proposed for the project. Capital costs for environmental protection measures would be Rs 61 lakhs. It is proposed to resettle Hevti village consisting of 512 PAFs in a**

new site as the proposed OB dump site is in close proximity. R&R Plan for an estimated Rs 84.9081 crores has been prepared. CSR would cover 6 villages – Makardokhra, Sayaki, Dahegaon, Udasa, Gandali, Sirpur and a provision of Rs 5/T of coal would be earmarked for CSR activities. Life of OC mine is 32 years. Project approved by WCL on 1.4.2009. Public Hearing was held on 22.10.2010. Total cost of project is Rs. 503.22 crores.

2. The Ministry of Environment & forests hereby accords environmental clearance for the above-mentioned **Dinesh (Makardokhra-III) of M/s Western Coalfields Limited for a production capacity of 3 MTPA in an ML area of 1636.97 ha** under the provisions of the Environmental Impact Assessment Notification, 2006 and amendments thereto and Circulars there under and subject to the compliance of the terms and conditions mentioned below:

A. Specific Conditions

- (i) No mining activities shall begin in the 69.85ha is forestland (salpi jungle) until forestry clearance has been obtained under the provisions of the Forest (Conservation) Act, 1980.
- (ii) Production shall not exceed 3 MTPA without prior environmental clearance from this Ministry.
- (iii) CEMP shall be established within 2 years.
- (iv) No washery shall be established within the ML without prior environmental clearances from this Ministry.
- (v) Topsoil shall be stacked properly with proper slope at earmarked site(s) and shall not be kept active and shall be used for reclamation and development of green belt.
- (vi) An estimated 314.69 Mm³ of the total OB generated shall be stored in two external OB dumps in the earmarked 582.73 ha of area within the ML and shall be reclaimed with plantation using native species. The maximum height of external dump shall not exceed 90m. The ultimate slope of the dumps shall not exceed 28°. The upper tiers (+30m above GL & +60m above GL) of the denuded area would get merged with the external dump proposed in the western side of mine. Monitoring and management of reclaimed dumpsites shall continue until the vegetation becomes self-sustaining and compliance status shall be submitted to the Ministry of Environment & Forests and its Regional office at Bhopal on a yearly basis.
- (vii) Catch drains and siltation ponds of appropriate size shall be constructed to arrest 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 and maintained properly.
- (viii) 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.



- (ix) Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.
- (x) Mineral transportation from mine to Railway Siding by road shall use trucks of a minimum capacity of 20-T. A 3-tier avenue plantation shall be developed along the 2-km road from mine to Umrer Railway Siding used for coal transportation. Loading shall be by bulk loading instead of pay loaders at the Railway Siding.
- (xi) The company shall shift to new railway line to be established in Umrer Area within 10 years.
- (xii) All internal roads and approach shall be black topped.
- (xiii) High efficiency water sprinkling system provided to check fugitive emissions at the transfer points, haulage roads, etc shall be provided for crushing/loading operations for dust control at the CHP.
- (xiv) Drills shall be wet operated only.
- (xv) Controlled blasting shall be practiced with use of delay detonators. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.
- (xvi) Of the total MI. area, an area not less than 1146.73 ha shall be brought under afforestation at the time of mine closure which shall include reclaimed backfilled area (450ha), external OB dump area (582.73 ha), infrastructure, roads, colony (4 ha), blasting zone (50 ha), area for rationalisation area (60 ha), and undisturbed area by planting native species from the 70 species found in the original ecosystem during pre-mining phase, in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha.
- (xvii) A Progressive Mine Closure Plan shall be implemented and of the total quarry area of 674.05 ha, an area of 450 ha of the quarry area shall be reclaimed with plantation using native species and the balance 224.05 ha of decoaled void being converted into a water body shall be stabilised along the upper benches by planting grass and native plant species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. If the mine is not extended along the dip side, then measures for Final Mine Closure shall be implemented within the stipulated time-frame.
- (xviii) No groundwater (bore well) shall be used for mining operations. Rainwater harvesting structures shall be erected within and around the MI. including check dams for recharge of ground water and for additional use if any during mining operations along with mine sump water.
- (xix) Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new piezometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall

be submitted to the Ministry of Environment & Forests and to the Central Pollution Control Board quarterly within one month of monitoring.

- (xx) The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
- (xxi) Sewage treatment plant of adequate capacity shall be installed in the colony. ETP shall also be provided for workshop and CHP wastewater. Treated wastewater meeting prescribed norms only shall be permitted to be discharged in to the natural water courses.
- (xxii) Besides carrying out regular periodic health check up of their 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, if any, through an agency such as NIOH, Ahmadabad within a period of one year and the results reported to this Ministry and to DGMS.
- (xxiii) A project specific R&R Plan shall be prepared for village Hevti involving 512 PAFs and implemented in consultation with the stakeholders. R&R shall not be inferior than that in the National R&R Policy/State Government R&R Norms and shall be completed within the agreed time-frame. R&R shall include specific income generation schemes. A Corpus Fund shall be created for maintenance of the R&R colony. Annuities shall be provided for the vulnerable sections of the displaced population. Alternate livelihood schemes shall be implemented for the persons not being absorbed for employment.
- (xxiii) A detailed CSR Plan shall also be prepared for and in consultation with the local communities. CSR should be for a minimal Rs. 5/ T of coal or 2.5% of the retain profit. The activities undertaken for the specific villages adopted under CSR shall be displayed on the company website and updated at least once a year.
- (xxiv) 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 the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its Regional office at Bhopal.
- (xxv) A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.

B. General Conditions

- (i) No change in technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.
- (ii) No change in the calendar plan including quantum of mineral coal and waste being produced shall be made.



- (iii) Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring 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, in particulates shall be carried out at least once in six months.
- (iv) Data on ambient air quality (PM10, PM 2.5, SO2 and NOx and heavy metals such as Hg, As, Ni, Cr, etc) and other monitoring data shall be regularly submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EP Rules, 1986 shall be furnished as part of the compliance report.
- (v) 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 plugs/muffs.
- (vi) Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, and treated so as to conform to the standards including for heavy metals before discharge prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
- (vii) Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of the mineral shall be covered with tarpaulins and optimally loaded.
- (viii) Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EP Rules, 1986.
- (ix) 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.
Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed.
- (x) A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.
- (xi) 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 this Ministry and its Regional Office at Bhopal.
- (xii) The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality

concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the ministry of Environment & Forests at <http://envfor.nic.in>

- (xiii) A copy of the environmental clearance letter shall be marked to concerned 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. A copy of the clearance letter shall also be displayed on the company's website.
 - (xiv) A copy of the clearance letter shall be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Centre and Collector's Office/Tehsildar's Office for 30 days.
 - (xv) The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated EC 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 the public domain. The monitoring data of environmental quality parameters (air, water, noise and soil) and critical pollutants such as PM10, PM2.5, SO₂ and NO_x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mines office and in corporate office and on the company's website.
 - (xvi) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the MOEF, the respective Zonal offices of CPCB and the SPCB.
 - (xvii) The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
 - (xviii) The environmental statement for each financial year ending 31st March in Form-V is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MOEF by E-mail.
3. The Ministry or any other competent authority may stipulate any further condition for environmental protection.
 4. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.
 5. 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.



(Dr. L. Chandini)
Director

Copy to:

1. Secretary, Ministry of Coal, New Delhi.
2. Secretary, Department of Environment, Government of Maharashtra, 15th Floor, New Admin. Bldg., Madam Cama Road, MUMBAI - 400032.
3. Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, E-2/240 Arera Colony, Bhopal - 462016.
4. Chairman, Maharashtra State Pollution Control Board, Kalapataru Point, 3rd & 4th Floors, Sion, Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 400002.
5. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
6. Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
7. CCM, Coal India Limited, SCOPE Minar, Core-I, 4th Floor, Vikas Marg, Laxminagar, New Delhi.
8. District Collector, Nagpur, Government of Maharashtra.
9. EI Division, Ministry of Environment & Forests, New Delhi.
10. Monitoring File 11. Guard File 12. Record File.

F. No.J-11015/537/2008-IA-II (M)
Government of India
Ministry of Environment, Forest and Climate Change
IA-II (Coal Mining) Division

Indira Paryavaran Bhawan
Jorbagh Road, N Delhi - 3
Dated: 29th November, 2018

To

The General Manger (Environment)
Dinesh (Makardhokra-III) OC Mine Expansion Project,
Western Coalfields Limited,
Koyla Vihar, Civil Lines,
Nagpur - 440 001 (Maharashtra) Email: gmenvironment@westerncoal.gov.in

Sub: Expansion of Dinesh (Makardhokra-III) Opencast Coal Mining Project from 3 MTPA to 4.2 MTPA of M/s Western Coalfields Limited in District Nagpur (Maharashtra) - Environmental Clearance - reg.

Sir,

This refers to your letter No.Vekoli/Mukhayalya/Paryavaran/9-H/24 dated 16th February, 2018 along with online proposal No. IA/MH/CMIN/73035/2018 dated 16th February, 2018 on the above mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for environmental clearance to the expansion of Dinesh (Makardhokra-III) Opencast Coal Mining project from 3 MTPA to 4.2 MTPA of M/s Western Coalfields Limited in an area of 919.63 ha located in District Nagpur (Maharashtra).

3. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Sector in its 38th meeting held on 27th September, 2018. The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

(i) Dinesh (Makardhokra-III) OCP is located in Umrer Tehsil, District Nagpur (Maharashtra), and is under the administrative control of Umrer Area of Western Coalfields Ltd.

(ii) The earlier environment clearance for Dinesh (Makardhokra-III) OCP for production capacity of 3 MTPA in mine lease area of 1636.97 ha (including 69.85 ha of forest land) was granted vide letter dated 2nd June, 2011 based on public hearing conducted by the State Pollution Control Board on 20th October, 2010.

(iii) The project could not be implemented due to increase in capital cost owing increase in land prices by Govt. of Maharashtra and R&R Policy of CIL, 2012. Hence, Project Report for Dinesh (Makardhokra-III) OC was revised in August, 2014 with enhanced production capacity of 4.0 MTPA (Normative) & 4.50 MTPA (Peak) within same leasehold area of 1636.97 ha.

(iv) The said Revised Project Report along with mine closure plan was approved by WCL Board, and subsequently CIL Board accorded final approval in its Board meeting held on 19-20 July, 2016 vide letter No. CIL:XI (D):04112:2016:14437 dated 17th August, 2016. The project with existing EC capacity 3 MTPA commenced operations on 25th November, 2016. Coal production from the mine was 0.012 MT in 2016-17.

(v) The present proposal is for environmental clearance for expansion of Dinesh (Makardhokra-III) Opencast Coal Mining project from 3 MTPA to 4.2 MTPA (increase by 40%) of M/s Western Coalfields Limited in an area of 919.63 ha located in District Nagpur (Maharashtra) under the provisions of para 7(ii) of the EIA Notification, 2006 without any increase in mine lease area seeking exemption from fresh public hearing.



(vi) The project lies between Latitudes 20°52'15" to 20°55'16" N and Longitudes: 79°11'31" to 79°15'29" E. This area is covered by Survey of India Topo Sheet No.55 P/1 and P/5.

(vii) Amb nallah flow through the central part of the Quarry hence it is proposed to be diverted. The general elevation of the area varies between 274 m and 294 m above mean sea level sloping towards South-East.

(viii) The geo-mining parameters are placed below:-

S. No.	Particulars	Quantity
1	Quarry area on surface	170.69 ha
2	Quarry area on floor	65.943 ha
3	Initial Depth	44.275 m
4	Final Depth	144.50 m
5	Present Depth	85.29 m
6	Gradient	1 in 7 to 8
7	Number of seam	5
8	Strike	1680 m
9	Stripping Ratio	1 in 6.395
10	Grade of Coal	G-8
11	Balance coal (as on 01/04/2018)	16.68 Mt
12	Balance OB (as on 01/04/2018)	101.62 Mm ³

(ix) The land usage of the project will be as under:

Pre-mining land use details

S. No.	Particulars	Land(ha)
1	Tenancy land	914.14
2	Government land	5.49
3	Forest land (Zudpi Jungle)	0.00
	Total	919.63

Land use of the project area during Mining

S. No	Particulars	Area (in Ha)
1.	Quarry Area for seven years	170.69
2.	Dump No. 1 (earmarked) B.C. soil Dump (1 (a) & 1(b))	139.55 (this is in coal bearing area and to be rehandled)
3.	Dump No. 2 (earmarked)	101.745 (Part of external OB dump envisaged in PR Aug'16)
4.	Dump No. 3 (earmarked)	101.49 (Part of external OB dump envisaged in PR Aug'16)
5.	Coal Stock Yard	7.02
6.	Sedimentation Tank	0.2437
7.	Weigh bridge (3 nos) (10 * 8 = 80 * 3 = 240)	0.024
8.	HOE Camp	1.74
9.	Embankment	2.2
10.	Manager Office & MTK	1.12
11.	Haul Road from Access Trench to coal stock yard	2.68
12.	Coal Transportation Road	1.4
13.	Light vehicle Road	1.316
14.	Tree Plantation Area	4.5005

15.	Ramp & Mobile Crusher Plant	0.5625
16.	Area needed for rationalization and blasting zone	329.22
17.	Area for ancilliary mining activities	54.124
	Total	919.63

(x) The existing mine working including the proposed expansion will be limited within 1636.97 ha. The detail of reserve is as under:

- Mineable Coal Reserves in MT : 18.92 Mt in Phase-I
- Stripping Ratio : 1 : 6.395
- Over Burden (Mm³) : External OBD – 123.33 Mm³ and Internal OBD – 10 Mm³

(xi) The average coal quality in GCV is 4937 k Cal /kg (Grade G-8).

(xii) Total estimated water requirement is 690 m³/day. The level of ground water ranges is given below:

Pre monsoon period	Core Zone	4.7 to 8.55 m
	Buffer zone	2.6 to 11.45 m
Post monsoon period	Core Zone	2.35 to 4.6 m
	Buffer zone	1.48 m to 8.25 m

(xiii) The method of mining would continue to be Opencast with Shovel-Dumper combination.

(xiv) There are two external OB dumps with quantity of 314.69 Mm³ in an area of 582.73 ha with maximum height of 90 m and 2 internal dump with quantity of 345.63 Mm³ in an area of 522.05 ha. Out of this 522.05 ha, the filled up void up to GL & above will cover about 250 ha. An area of 272.05 ha will be void but with reduced depth having filled up partially.

(xv) The final mine void would be in 152 ha with maximum depth of 144.5 m.

(xvi) Total quarry area is 674.05 ha. Out of total quarry area of 674.05 ha, 522.05 ha would be backfilled. Out of which 250 ha area shall be reclaimed with plantation. A void of 152 ha with depth 150 m which is proposed to be converted into a water body.

(xvii) The life of mine is 5 Years at the normative capacity of 4.2 MTPA.

(xviii) Transportation: Coal transportation in pit by Dumpers, Surface to Siding by Through Dumpers and loading to siding by Pay Loaders.

(xix) Rehabilitation of Hevti village has been proposed due to its proximity to proposed Overburden dump. Capital provision of Rs.35.92 crore has been made considering 360 Nos of PAF. The rehabilitation site is under construction near Udasa village on Umrer-Nagpur Highway. Total 18.66 ha land has been acquired for R&R site.

(xx) In lieu of the 1224.24 ha land acquired out of total 1636.97 ha for Dinesh (Makardhokra-III) OC project total Rs.334.99 crore has been paid as land compensation till 31st December, 2017. About 792 nos of jobs has been provided to the land losers. Other than those who are provided employment.

(xxi) Total capital cost of the project is Rs. 611.16 Crores. The Cost of Production: Rs 1201.06 per tonne, CSR cost: Rs. 2 per tonne, R&R Cost: Rs.35.92 Crore and Environmental Management cost: capital – Rs.1.2227 crores.

(xxii) NOC for withdrawal of groundwater from CGWA has been applied vide 21-4/1023/MH/MIN/2017 dated 08.05.2017 as per amended rules of 2012. The mining plan has been approved by CIL Board in its 330th meeting held on 19th & 20th July, 2016 and communicated vide letter no CIL:XI(D):04112:2016:14437 dated 17th August, 2016. Mine closure plan is an integral part of the approved mining plan.

(xxiii) Total afforestation plan shall be implemented covering an area of 1160.95 ha at the post-mining. Density of tree plantation is 2500 trees/ ha.

(xxiv) There is no court cases/violation pending with the project proponent.

(xxv) The existing Dinesh (Makardhokra-III) has already opened Escrow Account against the existing provisions and Rs.12.4113 crores have been deposited in the said Escrow Account till 2016-17.

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(xxvi) The Regional Office of the Ministry at Nagpur has forwarded the monitoring report vide letter dated 7th February, 2018 on compliance status of the conditions stipulated in the environmental clearance dated 21st June, 2011.

4. The sectoral Expert Appraisal Committee in its 38th meeting held on 27th September, 2018 has recommended the project for grant of environmental clearance. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the **Expansion of Dinesh (Makardhokra-III) Opencast Coal Mining project from 3 MTPA to 4.2 MTPA of M/s Western Coalfields Limited in an area of 919.63 ha located in District Nagpur (Maharashtra)**, under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the terms & conditions and environmental safeguards as under:-

- (i) The project proponent shall obtain Consent to establish from the State Pollution Control Boards of Chhattisgarh for the proposed peak capacity of 4.9 MTPA prior to commencement of the increased production.
- (ii) Transportation of coal from face to coal heap shall be carried out by tippers. Further, the coal transportation from coal heap to Coal Handling Plant shall be carried out through covered trucks.
- (iii) To control the production of dust at source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers.
- (iv) Mitigative measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient numbers of water sprinklers. Adequate corrective measures shall be undertaken to control dust emissions as presented before the Committee, which would include mechanized sweeping, water sprinkling/mist spraying on haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at railway siding, etc.
- (v) The company shall obtain approval of CGWA for use of groundwater for mining operations at its enhanced capacity of 4.9 MTPA.
- (vi) Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.
- (vii) Persons of nearby villages shall be given training on livelihood and skill development to make them employable.
- (viii) To ensure health and welfare of nearby villages, regular medical camps shall be organized at least once in six months.
- (ix) Thick green belt of adequate width at the final boundary in the down wind direction of the project site shall be developed to mitigate/check the dust pollution.
- (x) Efforts shall be made for utilizing alternate sources of surface water, abandoned mines or else whatsoever and thus minimizing the dependability on a single source.
- (xi) A third party assessment of EC compliance shall be undertaken once in three years through agency like ICFRI /NEERI/IIT or any other expert agency identified by the Ministry.

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

(a) Mining

- (i) Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- (ii) No change in mining method, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forest and Climate Change.



(iii) Mining shall be carried out as per the approved mining plan including Mine Closure Plan, abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).

(iv) No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.

(b) Land reclamation and water conservation

(i) Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale shall be submitted to Ministry of Environment, Forest and Climate Change/Regional Office (RO).

(ii) The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS.

(iii) The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective state government as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.

(iv) The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/"post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the Ministry of Environment, Forest and Climate Change/Regional Office on six monthly basis.

(v) The top soil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized for long. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilised with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office on six monthly basis.



(c) Emissions, effluents, and waste disposal

- (i) Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of $PM_{10}/PM_{2.5}$) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
- (ii) Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area in a phased manner. The green belt comprising a mix of native species shall be developed all along the major approach/ coal transportation roads.
- (iii) The transportation of coal shall be carried out as per the provisions and route proposed in the approved Mining Plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.
- (iv) Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
- (v) Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.
- (vi) Coal handling plant shall be operated with effective control measures viz. bag filters/water or mist sprinkling system etc to check fugitive emissions from crushing operations, conveyor system, transfer points, etc.
- (vii) Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
- (viii) Catch/garland drains and siltation ponds of appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression measures and green belt development. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.
- (ix) Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Oil and grease trap shall be installed and maintained fully functional with effluents discharge adhering to the norms. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste.



(x) Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.

(d) Illumination, noise & vibration

(i) Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & its RO on six-monthly basis.

(ii) Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.

(iii) Controlled blasting techniques shall be practiced in order to mitigate ground vibrations and fly rocks as per the guidelines prescribed by the DGMS.

(iv) The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

(e) Occupational health & safety

(i) The project proponent shall undertake occupational health survey for initial and periodical medical examination of the workers engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.

(ii) Personnel (including outsourcing employees) working in dusty areas shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.

(iii) Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.

(f) Ecosystem and biodiversity conservation

(i) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.

(g) Public hearing, R&R and CSR

(i) Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.



(ii) The project proponent shall ensure the expenditure towards socio-economic development in and around the mine, in every financial year as per the Corporate Social Responsibility Policy as per the provisions under Section 135 of the Companies Act, 2013

(iii) The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.11 (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'.

(iv) The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

(h) Corporate environment responsibility

(i) The Company shall have a well laid down environment policy duly approved by Board of Directors. The environment policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions. Also, the company shall have a defined system of reporting of non-compliances/violations of environmental norms to the Board of Directors and/or shareholders/stakeholders.

(ii) The project proponent shall comply with the provisions contained in this Ministry's OM dated 1st May, 2018, as applicable, regarding Corporate Environment Responsibility.

(iii) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions should be displayed on website of the Company.

(iv) A separate environmental management cell both at the project and company headquarter level, with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

(v) Action plan for implementing EMP and environmental conditions shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

(vi) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(i) Statutory Obligations

(i) The environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Court, NGT and any other Court of Law from time to time, and as applicable to the project.

(ii) This environmental clearance shall be subject to obtaining wildlife clearance, if applicable, from the Standing Committee of National Board for Wildlife.

(iii) The project proponent shall obtain Consent to Establish/Operate under the Air Act, 1981 and the Water Act, 1974 from the concerned State Pollution Control Board.



(iv) The project proponent shall obtain the necessary permission from the Central Ground Water Authority (CGWA).

(j) Monitoring of project

(i) 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, PM_{2.5}, SO₂ and NO_x. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.

(ii) The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.

(iii) The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Coal Industry Standards vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.

(iv) The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/2006-IA.11 (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.

(v) Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to Ministry of Environment, Forest and Climate Change/Regional Office.

(vi) Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.

(vii) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental conditions to the Ministry of Environment, Forest and Climate Change/Regional Office. 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.

(viii) 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.



(k) Miscellaneous

- (i) Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.
 - (ii) The project authorities shall inform to the Regional Office regarding commencement of mining operations.
 - (iii) A copy of the environmental clearance shall be marked to concerned Panchayat. A copy of the same shall also be sent to the concerned State Pollution Control Board, Regional Office, District Industry Sector and Collector's Office/Tehsildar Office for information in public domain within 30 days.
 - (iv) The EC shall be uploaded on the company's website. The compliance status of the stipulated EC 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.
 - (v) The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of this clearance, informing that the project has been accorded environmental clearance and a copy of the same is available with the State Pollution Control Board and also at website of the Ministry.
 - (vi) The environmental statement for each financial year ending 31 March in Form-V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail. Concerns raised during public hearing.
 - (vii) 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 and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
5. The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.
6. The proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.
7. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
8. The coal company/project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No.114/2014 in the matter of 'Common Cause Vs Union of India & others.

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9. The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.

10. This environmental clearance shall not be operational till such time the project proponent complies with the above said judgment of Hon'ble Supreme Court, as applicable, and other statutory requirements.

11. This issues in supersession of the earlier EC granted vide letter No.J-11015/537/2008-IA.II (M) dated 21st June, 2011.


29/11/2018
(S. K. Srivastava)
Scientist E

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi
2. The Principal Secretary, Department of Environment, Government of Maharashtra, 15th Floor, New Admn. Bldg, Madam Cama Road, Mantralaya, Mumbai - 32 (Maharashtra)
3. The Additional PCCF (Central), Ministry of Environment Forest and Climate Change, Regional Office (Western Central Zone), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-1 (Maharashtra)
4. The Advisor, Coal India Limited, SCOPE Minar, Core-I, 4th Floor, Vikas Marg, Laxmi Nagar, New Delhi
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
6. The Member Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi
7. The Member Secretary, Maharashtra State Pollution Control Board, Kalapataru Point, 3rd & 4th Floors, Sion, Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 2
8. The District Collector, Nagpur, Government of Maharashtra
9. Monitoring File 10. Guard File 11. Record File 12. Notice Board


29/11/2018
(S. K. Srivastava)
Scientist E



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The GM (Mining) Environment
Western Coalfields Limited

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/CMIN/272500/2022 dated 13 May 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22A042MH192422 |
| 2. File No. | J-11015/537/2008-IA-II(M) |
| 3. Project Type | Expansion7 |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project | Dinesh (Makardhokra-III) opencast coal mining project (Phase-I) for increase in production capacity from 4.20 MTPA to 4.50 in land area of 919.63 Ha located in the Village Hevti, Tehsil Umrer, District Nagpur (Maharashtra) in compliance with MoEF & CC's Office Memorandum vide no. F. No. IA3-22/10/2022-IA.III (E 177258) dated 07.05.2022 and U/S 7 (ii) of EIA Notification, 2006 |
| 7. Name of Company/Organization | Western Coalfields Limited |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 26/05/2022

(e-signed)
Lalit Bokolia
Scientist F
IA - (Coal Mining sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environment Single-Window Hub)*



F. No. J-11015/537/2008-IA.II (M).
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

2nd Floor Vayu Wing,
Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 3
Email: lk.bokolia@nic.in Tel: 011-20819417

To

Dated: 26th May, 2022

The General Manager (Environment),
Dinesh (Makardhokra-III) OC Mine Expansion
M/s Western Coalfields Ltd,
Koyla Vihar, Civil Lines, Nagpur 440001
Email: gmenvironment@westerncoal.gov.in

Sub: Expansion of Dinesh (Makardhokra -III) Opencast Coal mining project for increase in production capacity from 4.2 MTPA to 4.5 MTPA (increase of 10% w.r.t 3 MTPA) in land area of 919.63 Ha by M/s Western Coalfields Ltd, located in the in the Village Hevti, Tehsil Umrer, District Nagpur (Maharashtra) - Environmental Clearance under OM vide no. F. No. IA3-22/10/2022-IA.III 07.05.2022- [Availing total 50% relaxation of OM dealing with exemption of public hearing under clause 7 (ii) of EIA notification].

Sir,

This has reference to your online proposal No. IA/MH/CMIN/272500/2022 dated 13th May, 2022 submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions with MoEF & CC's Office Memorandum vide no. F. No. IA3-22/10/2022-IA.III (E 177258) dated 07.05.2022 and as per EIA Notification, 2006) of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 for Expansion of Dinesh (Makardhokra -III) Opencast coal mining project for increase in production capacity from 4.2 MTPA to 4.5 MTPA (increase of 10% w.r.t 3 MTPA) in land area of 919.63 Ha by M/s Western Coalfields Ltd, located in the in the Village Hevti, Tehsil Umrer, District Nagpur (Maharashtra).

2. Earlier, the proposal was granted EC for production capacity of 3 MTPA in ML area of 1636.97 Ha dated 21.06.2011. Further EC was granted for expansion under Clause 7 (ii) of EIA Notification, 2006 on 29.11.2018 as per O.M. dated 15.09.2017 for 40% expansion i.e. 4.2 MTPA. Presently the proposal is considered by the Ministry at central level in view of the exigency, as per the provisions of O.M. F. No. IA3-22/10/2022-IA.III dated 07.05.2022.

3. Based on the submission of Project Proponent, Ministry hereby grants approval to Expansion of Dinesh (Makardhokra -III) opencast coal mining project for increase in production capacity from 4.2 MTPA to 4.5 MTPA (increase of 10% w.r.t 3 MTPA) in land area of 919.63 Ha by M/s Western Coalfields Ltd, located in the in the Village Hevti, Tehsil Umrer, District Nagpur (Maharashtra) under the provisions of OM vide no. F. No. IA3-22/10/2022-IA.III 07.05.2022, under the Environment Impact Assessment (EIA) Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the following terms & conditions / specific conditions for environmental safeguards as stated below:-

- i. PP shall submit Certified Compliance Report of the EC vide No. F. No. - J-11015/537/2008-IA.II (M). dated 29th November, 2018 granted for total 40% expansion, along with EIA/EMP report, prepared based on standard ToRs for the additional capacity of 10% on PARIVESH portal within six months of enhancement of production beyond 40%.
- ii. In view of above (i), Ministry shall ascertain the adequacy of the proposed environmental safeguards and stipulate necessary conditions, if required, which shall be monitored as a part of the EC compliance monitoring.
- iii. PP shall obtain necessary prior consent for enhanced capacity from State Pollution Control Board under Air and Water Act.
- iv. Environmental quality parameters arising out of proposed expansion shall be within the prescribed norms and the same shall be maintained as per prescribed norms.
- v. Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent".
- vi. All other terms and conditions as prescribed in Ministry's letter dated 21.06.2011 & 29.11.2018 shall remain the same and need to be complied by PP.

This issues with the approval of the competent Authority


(Lalit Bokolia)
Director

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Principal Secretary, Department of Environment, Government of Maharashtra, 15th Floor, New Admin. Bldg, Madam Cama Road, Mantralaya, Mumbai-32 (Maharashtra)
3. The Additional PCCF (Central), Ministry of Environment Forest and Climate Change, Regional Office (Western Central Zone), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-1 (Maharashtra)
4. The Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
5. The Member Secretary, Maharashtra State Pollution Control Board, Kalpataru Point 3rd and 4th Floors, Sion Circle, Sion (E), Mumbai-2
6. The Chairman, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
7. The District Collector, Nagpur, Government of Maharashtra
8. Monitoring File /Record File 9. PARIVESH Portal


(Lalit Bokolia)
Director

Signature Not Verified
Digitally signed by Lalit Bokolia
Scientist F Page 2 of 2
Date: 5/26/2022 4:24:58 PM

Dinesh (Makardhokra- III) OC Mine

Write a description for your map.

Annexure - II

Udasa

Sukli

Heoti

Dinesh (Makardhokra- III) OC

Bopeshwar

Ganpawli

MCL

Kalara



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd
and 4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E),
Mumbai-400022

RED/L.S.I (R35)/ Rev. RED/I.S./ (88.1)
No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000272556/CR/2603004441

Date: 23/03/2026

To,
M/s.Dinesh Opencast Project (MKD-III),
Western Coalfields Limited,Village - Hevati ,
Tal - Umred, Dist. - Nagpur.



Sub: Renewal of Consent to Operate.

Ref:

1. Earlier consent granted by Board vide No. Format1.0/CAC/UAN No.MPCB-CONSENT-0000233746/CR/2507002803 dtd. 23/07/2025.
2. Minutes of 17th Consent Appraisal Committee (CAC) Meeting of 2025-26 (Booklet No. 17) dtd. 10.03.2026 & 13/03/2026.

Your application No.MPCB-CONSENT-0000272556 Dated 31.12.2025

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/03/2028**
2. **The capital investment of the project is Rs.648.3147 Crs Crs. (As per undertaking submitted by pp Existing C.I. is Rs. 590.41 Crs + Increased in C.I. is Rs. 57.9047 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Coal Mining (On mine lease area 919.63 Ha.)	4.5	MTPA

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	681.98	As per Schedule-I	Recycle to the maximum extent for Dust Suppression & Fire Fighting and remaining on land for plantation/Irrigation/Gardening

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	7.01	As per Schedule-I	Soaked in Soak Pit

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	0	0	0	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	OverBurden	110000	m3/month	Landfill	Backfilling & Reclamation of Land

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	30	Lit/Day	Recycle	By sale to Authorised Recycler
2	34.2 Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers	110	Kg/Day	Landfill after treatment	CHWTSDF
3	5.2 Wastes or residues containing oil	7	Kg/Day	Incineration	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities
10. The applicant shall not carry out any excess production without obtaining Consent of the Board and without obtaining Environmental Clearance wherever it applicable.
11. PP shall carry out over burden dump management as per CPCB guidelines.
12. PP shall carry out plantation as per EC condition before ensuing monsoon.
13. The applicant shall comply with the conditions of the Environmental Clearance granted by MoEFCC,GoI vide letter No.J-11015/537/2008-IA-II(M) dtd. 26.05.2022 and its amendments
14. PP shall ensure time bound compliance of conditions as imposed as per BG regime.
15. This consent is issued with overriding effect on earlier granted consent to operate vide Format1.0/CAC/UAN No.MPCB-CONSENT-0000233746/CR/2507002803 dtd. 23/07/2025.

16. This consent is issued pursuant to the decision of the 17th CAC Meeting of 2025-26 (Booklet No. 17) dtd. 10.03.2026 & 13/03/2026.
17. The applicant shall make an application for renewal of consent 120 days prior to date of expiry of the consent.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



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Signed by: **Shri. Abhay Pimparkar**
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2026-03-23 17:44:08 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	7921386.00	MPCB-DR-39213	27/01/2026	NEFT

Previous balance consent fee of Rs.1368502.31/- as per UAN No.MPCB-CONSENT-0000233746 is considered in this renewal of consent. Now balance fee of Rs. 2980820/- is with Board and same shall be consider at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Nagpur and Sub-Regional Officer, MPCB, Nagpur II
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC desk-for record and website updating purpose.

WCL - 3rd Renewal application of Dinesh OC (Application No. 21-4/1023/MH/MIN/2017)**KOSURI VACHASPATI** < ano-env.umr.wcl@coalindia.in >

Sat, 07 Jun 2025 10:26:42 PM +0530

To "Central Ground Water Authority"<cgwa@nic.in>
Cc "RD, CGWA"<rdcgwa-cgwb@nic.in>,"P M Lokhande"
<gmenvironment.wcl@coalindia.in>,"MOHAMMAD SABIR"
<agmumrer.wcl@coalindia.in>,"sammkdumrer"
<sammkdumrer@gmail.com>,"Bhagyashree Sahoo"<tscr-cgwb@nic.in>

(The undersigned has been directed to submit the following)

Sir,

This has reference to the submission of the 3rd renewal application for ground water abstraction for Dinesh OC Mine.

The initial NOC was granted vide letter CGWA/NOC/MIN/ORIG/2019/5548 dated 18/06/2019, valid up to 09/06/2021.

Subsequently, the 1st renewal was applied on 07/06/2021 through NoCAP portal and the 2nd renewal was submitted on 08/06/2023 through email.

The current renewal application is under process and was discussed in the 194th EAC meeting held on 23/07/2024. As per the directions of EAC, the updated application along with revised CHR and IA reports were submitted vide email dated 31/08/2024. Subsequently, payment of abstraction charges and arrears were made through Bharat Kosh and submitted to CGWA. A copy of communications are enclosed as **Annexure-A**.

As the 2nd renewal is valid upto 08-06-2025, we are hereby submitting application through email as this application cannot be submitted NoCAP and BhuNeer app. A copy of screenshot is enclosed as **Annexure-B**.

The existing abstraction quantity is **3230.23 m³/day** (revised application for 1st renewal submitted vide email dated 31-08-2024) and the present applied quantity for renewal (3rd) is **3859 m³/day**.

The CHR and Groundwater Modelling Report for 3rd renewal has been prepared by CGWA accredited consultant i.e. CMPDIL and as per the CHR and Groundwater modelling report the proposed NOC quantity is 3859 m³/day (Mine seepage – 2053 m³/day + rainwater – 1806 m³/day) is being sought.

In compliance with the prescribed norms, the following documents are attached herewith for your kind consideration:

1. Comprehensive Hydrogeological Report.
2. Groundwater modelling report as per the latest SOP of CGWA (August 2024).
3. Duly filled Application Form for 3rd Renewal (As per the old format of NoCAP portal).
4. Renewal application fees of Rs.5000 (Bharatkosh Receipt no. 0606250033748).

We further submit that we shall duly comply with all directions issued by CGWA and are bound to pay the groundwater abstraction charges as directed.

In view of the above, it is kindly requested to consider renewal application (3rd) of Dinesh OC for grant of NOC.

Thanks & Regards

ANO(Environment),
Umrer Area, WCL.

7 Attachment(s)

NOC dinesh oc.pdf

1.2 MB

Bhuneer screen shot 2.jpg

253.6 KB

Bhuneer screen shot.jpg

269.5 KB

Gmail - Fwd_ Deliberations an...

136 KB

NOC application_signed.pdf

639.2 KB

Bharatkosh_DInesh OC NOC ...

455 KB

Final_CHR and GWM Report o...

9.5 MB



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:		Dinesh Oc Mine					
Project Address:		Near Village Hewti, Nagpur Area, Umrer Coalfield, Wcl					
Village:		Heoti		Block:		Umred	
District:		Nagpur		State:		Maharashtra	
Pin Code:							
Communication Address:		Office Of The Sub Area Manager, Makardhokra Sub Area, Po-umrer Project, Umred, Nagpur, Maharashtra - 441204					
Address of CGWB Regional Office :		Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001					

1. NOC No.:	CGWA/NOC/MIN/REN/1/2026/12069	2. Date of Issuance	25/03/2026
3. Application No.:	21-4/1023/MH/MIN/2017	4. Category: (GWRE 2025)	Safe
5. Project Status:	Existing Ground Water	6. NOC Type:	Renewal
7. Valid from:	10/06/2023	8. Valid up to:	09/06/2025

9. Ground Water Abstraction Permitted:							
Fresh Water		Saline Water		Dewatering		Total	
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year
0.00	0.00			3230.23	1179033.95	3230.23	1179033.95

10. Details of ground water abstraction /Dewatering structures													
Total Existing No							Total Proposed No						
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Dewatering Structure*	0	0	0	0	0	3	0	0	0	0	0	0	

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11. Ground Water Abstraction/Restoration Charges paid (Rs.):	13635715.00			
12. Environment Compensation (if applicable) paid (Rs.):	0.00			
13. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism		
		Manual	DWLR**	DWLR With Telemetry
**DWLR - Digital Water Level Recorder	2	0	1	1

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

CSR CAMP :- AREA HOSPITAL UMRER

Annexure -V

2025-26

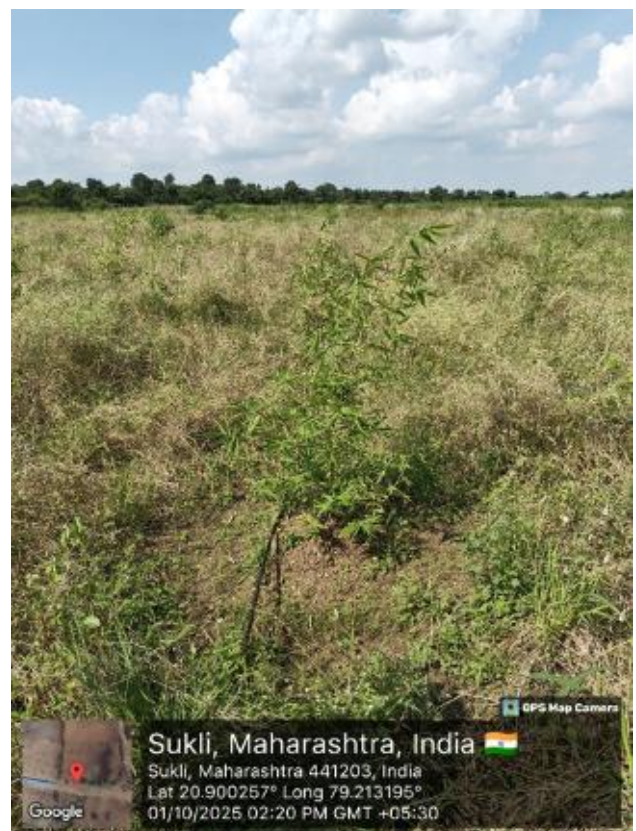
Date	Village	No. of Beneficiaries
01-04-25	GHCC at Kanwa village	82
04-04-25	GHCC at Murpar village (Mine Closuer)	120
11-04-25	GHCC at Pirawa Village	75
23/04/25	GHCC at Mirzari Village (Mine Closuer)	77
02-05-25	GHCC at Piraya village	66
07-05-25	GHCC at Murpar Village (Mine Closuer)	112
14/05/25	GHCC at Murpar Village (Mine Closuer)	82
06-06-25	GHCC at Zari Village (Mine Closuer)	60
10-06-25	GHCC at Kanwa village	72
20/06/25	GHCC at Murpar Village (Bandargaon) (Mine Closuer)	85
26/06/25	GHCC at Shirpur Village	102
27/06/25	GHCC at Pirawa Village	70
03-07-25	GHCC at Kalamna village	190
11-07-25	GHCC at Zari (Murpar) village (Mine Closuer)	95
18/07/25	GHCC at Shivapur Village (Bandargaon) (Mine Closuer)	82
28/07/25	GHCC & TB awareness , HB check-up at Nand Village	442
13/08/25	GHCC & TB awareness , HB check-up at kalamna Village	80
29/08/25	GHCC at Pirawa Village	112
17/09/25	GHCC at Zilla Parishad School, Waigaon (Ghoturli)	53
18/09/25	GHCC at Kanwa village & TB Awariness	117
23/09/25	Swacchotsav" Swacha Bharat Mission (KARTVAYA DIWAS)	62
03-10-25	GHCC at Kalamna village & TB Awariness	172
16/10/25	GHCC at Khursapar village & TB Awariness	72
17/10/25	GHCC at Pirawa village & TB Awariness	113
15/11/25	GHCC at Udasa Ashram Shala & TB Awariness	222
20/11/25	GHCC AT Pirawa Village & TB Awariness	105
05-12-25	GHCC at Kalamna village & TB Awariness	151
06-12-25	GHCC at Kanwa village & TB Awariness	84
12-12-25	GHCC at Podgeaon & TB Awariness	59
29/12/25	GHCC at Pirawa Village & TB Awariness	97
30/12/25	GHCC at Khandazari village & TB Awariness	88
29/12/25	GHCC AT Pirawa Village & TB Awariness	97
30/12/25	GHCC at Gokul & TB Awariness	88
16/01/26	GHCC at Saygaon(Golul) Village & TB Awariness	51
17/01/26	GHCC at Kharkada (Gokul)Village & TB Awariness	68
22/01/26	GHCC at Khursapar Village & TB Awariness	64
29/01/26	GHCC at Polgaon village & TB Awariness	49
30/01/26	GHCC at Khandazari Village & TB Awariness	66
31/01/26	GHCC & TB awareness Kalamana Village	172
06-02-26	GHCC at Gurukul Ashram Shala, Udasa	296
11-02-26	GHCC at Kanwa village & TB Awariness	95
20/02/26	GHCC at Mangrud Aadiwashi Shala, Mangrud	172
26/02/26	GHCC at Pirawa village & TB Awariness	104
27/02/26	GHCC at Polagon village & TB Awariness	55
05-03-26	GHCC at Polagon village & TB Awariness	96
13/03/26	GHCC at Lohara village & TB Awariness	74
30/03/26	GHCC & TB awareness with Dental Check -up at Navin Desai School Champa	57

**CSR CAMP :- ABHIJIT HOSPITAL UMRER
FY 2024-25**

Sl. No	Date	Name of Camp	No. of Beneficiaries
Apr-24	05-04-2024	GHCC at Piraya village	110
Apr-24	16-04-2024	GHCC at Kanwa village	124
May-24	08-05-2024	GHCC at Dahegaon village	52
May-24	21-05-2024	GHCC at Piraya village	74
Jun – 24	20-06-2024	GHCC at Shirpur village	88
Jun – 24	25-06-2024	GHCC at Polgaon village	54
Jul-24	05-07-2024	GHCC at Kalamana Village	84
Jul-24	25-07-2024	GHCC at Piraya Village	91
Jul-24	30-07-2024	GHCC at Khandazari Village	42
Aug – 24	02-08-2023	GHCC at Kalamana village	210
Aug – 24	07-08-2023	GHCC at Khursapar village	108
Aug – 24	08-08-2023	GHCC at Kalamana village	72
Aug – 24	12-08-2024	GHCC at Kanwa village	91
Aug – 24	13.08.24	GHCC at HEVATI village	71
Aug – 24	14.08.24	GHCC at Piraya Village	70
Aug – 24	19.08.24	GHCC at Kalmana village	102
Aug – 24	21.08.24	GHCC at Shirpur village	68
Aug – 24	23.08.24	GHCC at Bhagwanpur village	137
Aug – 24	29.08.24	GHCC at Piraya Village	77
Sep-24	04-09-2024	GHCC at Polgaon village	76
Sep-24	06-09-2024	GHCC at Kalmana village	82
Sep-24	11-09-2024	GHCC at Hewatii village	130
Sep-24	20-09-2024	GHCC at Community Hall Umrer for sanitary & domestic worker	53
Sep-24	27-09-2024	GHCC at Piraya Village	119
Oct-24	09-10-2024	GHCC at Polgaon village	48
Oct-24	16-10-2024	GHCC at Khandazari village	64
Oct-24	17-10-2024	GHCC at Shirpur Village	120
Oct-24	21-10-2024	GHCC at Kalamana Village	130
Oct-24	23-10-2024	GHCC at Piraya Village	131
Nov-25	14-11-2024	GHCC at Kanwa village	69
Nov-25	18-11-2024	GHCC at Piraya village	107
Nov-25	23-11-2024	GHCC at Khandazari village	65
Nov-25	29-11-2024	GHCC at Zilla Parishad waigaon Ghoturli village- BI group-57,	93
Dec-25	06-12-2024	GHCC at Polageon village	68
Dec-25	13-12-2024	GHCC at Bhagwanpur village	135
Dec-25	20-12-2024	GHCC camp at Saygaon Village	79
Dec-25	27-12-2024	Cancer Detection Camp for CSR in collabration with RST Cancer Hospital Nagpur at Ghoturli Village	105
Jan-25	07-01-2024	GHCC at Kharkada Village	66
Jan-25	11-01-2025	GHCC at Pirawa Village	97
Jan-25	13-01-2025	GHCC at Kanwa Village	91
Jan-25	16-01-2025	GHCC at UDASA ASHRAM SHALA UDASA	433
Jan-25	23-01-2025	Osteoporosis Awareness & Check-Up Camp by Choudhari Hospital Nagpur	47
Feb-25	07-02-2025	GHCC at Saykii village general awareness on Tuberculosis	110
Feb-25	27-02-2025	GHCC at Kalamana Village	155
Mar-25	11-03-2025	GHCC at Pirawa Village	97
		Total	4495

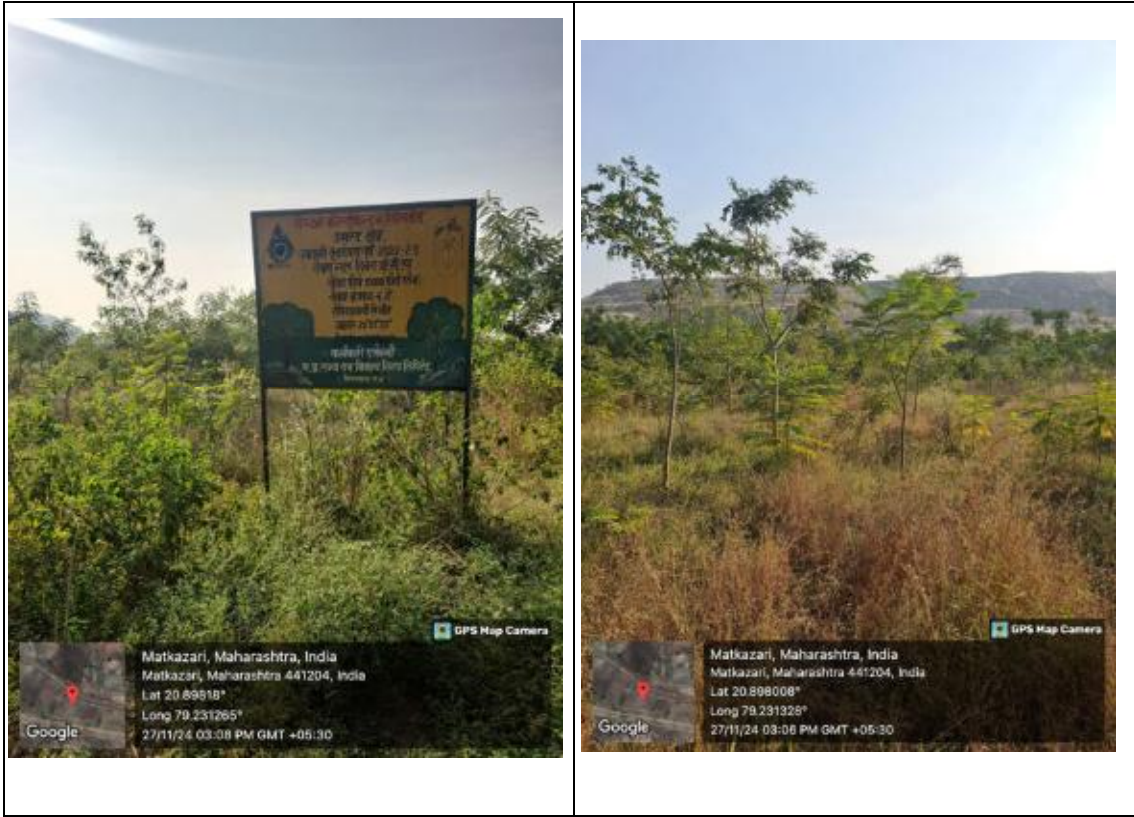
Annexure -VI

PLANTATION AT DINESH (MAKARDHOKRA- III) OC





FY 2022-23 Plantation Photographs - geotagged photographs are placed below for kind perusal:







FY 2023-24 Plantation Photographs





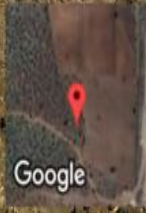
FY 2024-25 Plantation Photographs





FY 2025-26 Plantation Photographs





Google



Katara, Maharashtra, भारत 

Mh Sh 262, Katara, Maharashtra 441203, भारत

Lat 20.867576° Long 79.236833°

शनिवार, 13/12/2025 01:08 PM GMT +05:30

Annexure -VII

**Land Restoration / Reclamation Monitoring of 26 opencast projects
of Western Coalfield Limited producing More than 5 million Cu. M.
(Coal+OB) per annum based on Satellite Data of the Year 2024**

वेस्टर्न कोल्फील्ड्स लिमिटेड के ५ मिलियन घनमीटर (कोल+अधिभार) से अधिक उत्पादन क्षमतावाले २६ खुली खदानों के भूमि पुनरूद्धार हेतु २०२४ के उपग्रह डाटा के आधार पर निगरानी का वार्षिक प्रतिवेदन



Submitted to
Western Coalfields Limited



सीएमपीडीआई
मिनी रत्न
cmpdi
Mini Ratna



**Land Restoration / Reclamation Monitoring of 26 opencast projects
of Western Coalfield Limited producing More than 5 million Cu. M.
(Coal+OB) per annum based on Satellite Data of the Year 2024**

वेस्टर्न कोल्फील्ड्स लिमिटेड के ५ मिलियन घनमीटर (कोल+अधिभार) से अधिक उत्पादन क्षमतावाले २६ खुली खदानों के भूमि पुनरूद्धार हेतु २०२४ के उपग्रह डाटा के आधार पर निगरानी का वार्षिक प्रतिवेदन

March 2025

**Remote Sensing Cell
Geomatics Division
CMPDI-HQ, Ranchi**



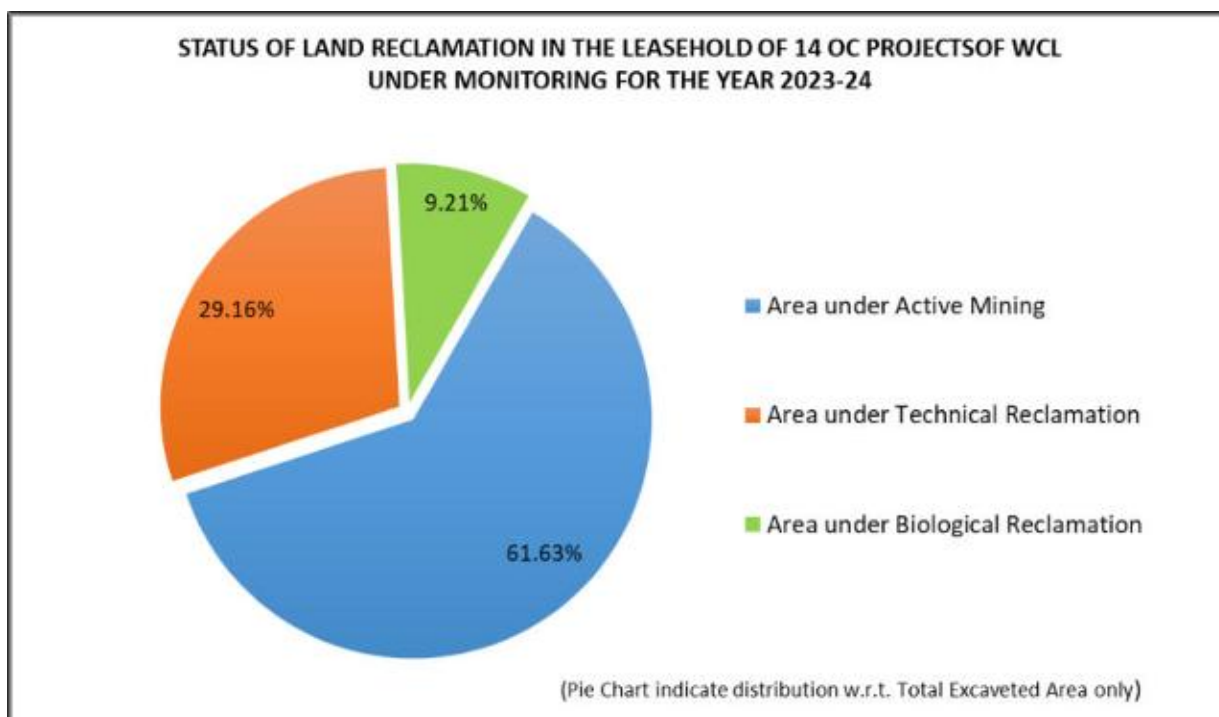


Fig.1: Pie Chart indicating distribution (%) of reclamation activities in 26 OC Mines of WCL

Table-1
Projectwise Land Reclamation Status in Opencast Projects of WCL
 (>5 Million Cubic Metre Coal+OB) based on Satellite Data of the year 2024

(Area in Sq. Kms.)

Sl. No.	Project	Total Leasehold Area		Technical Reclamation		Plantation						Area under Active Mining		Total Excavated Area		Total Area under Plantation (% Green Cover Generated in Leasehold)		Total Area under Reclamation	
						Biological Reclamation		Other Plantations											
				Area under Backfilling		Plantation on Excavated / Backfilled Area		Plantation on External Over Burden Dumps		Social Forestry, Avaneu Plantation Etc.									
1	2	3		4		5		6		7		8		9 (=4+5+8)		10 (=5+6+7)		11(=4+5)	
	A	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
1	Sasti	9.20	11.12	2.72	2.90	0.73	0.62	1.68	1.92	0.68	0.71	0.50	0.84	3.95	4.36	3.09	3.25	3.45	3.52
				68.86%	66.51%	18.48%	14.22%					12.66%	19.27%			33.59%	29.23%	87.34%	80.73%
2	Durgapur	15.50	15.50	1.04	0.96	1.06	1.18	2.81	2.99	1.19	1.26	2.57	2.75	4.67	4.89	5.06	5.43	2.10	2.14
				22.27%	19.63%	22.70%	24.13%					55.03%	56.24%			32.65%	35.03%	44.97%	43.76%
3	Mugoli	12.55	12.55	1.53	1.70	0.17	0.2	1.9	1.98	0.61	0.65	1.95	2.23	3.65	4.13	2.68	2.83	1.70	1.90
				41.92%	41.16%	4.66%	4.84%					53.42%	54.00%			21.35%	22.55%	46.58%	46.00%
4	Umrer	9.45	9.45	1.51	1.47	1.63	1.73	1.45	1.45	2.32	2.32	1.69	1.63	4.83	4.83	5.40	5.50	3.14	3.20
				31.26%	30.43%	33.75%	35.82%					34.99%	33.75%			57.14%	58.20%	65.01%	66.25%
5	Ukni	12.85	12.85	0.54	0.65	0.00	0.00	1.74	1.81	0.86	0.98	2.15	2.15	2.69	2.80	2.60	2.79	0.54	0.65
				20.07%	23.21%	0.00%	0.00%					79.93%	76.79%			20.23%	21.71%	20.07%	23.21%
6	Niljai	17.61	17.61	1.46	1.75	0.13	0.13	2.11	2.23	1.25	1.31	2.99	3.09	4.58	4.97	3.49	3.67	1.59	1.88
				31.88%	35.21%	2.84%	2.62%					65.28%	62.17%			19.82%	20.84%	34.72%	37.83%
7	New Majri	7.74	7.74	1.64	1.82	0.24	0.28	0.97	1.04	1.47	1.47	2.22	2.27	4.10	4.37	2.68	2.79	1.88	2.10
				40.00%	41.65%	5.85%	6.41%					54.15%	51.95%			34.63%	36.05%	45.85%	48.05%
8	MKD-III	9.23	9.23	0.41	0.46	0.00	0.00	0.00	0.25	0.12	0.17	1.09	1.55	1.50	2.01	0.12	0.42	0.41	0.46
				27.33%	22.89%	0.00%	0.00%					72.67%	77.11%			1.30%	4.55%	27.33%	22.89%
9	Penganga	7.63	7.63	0.75	0.84	0.00	0.00	0.49	0.50	0.55	0.68	1.25	1.42	2.00	2.26	1.04	1.18	0.75	0.84
				37.50%	37.17%	0.00%	0.00%					62.50%	62.83%			13.63%	15.47%	37.50%	37.17%
10	Yekona-I&II(Amal)	16.79	16.79	0.01	0.20	0.00	0.00	0.00	0.00	0.03	0.08	1.29	1.64	1.30	1.84	0.03	0.08	0.01	0.20
				0.77%	10.87%	0.00%	0.00%					99.23%	89.13%			0.18%	0.48%	0.77%	10.87%
11	New Majri UG to OC	7.06	7.06	0.00	0.00	0.00	0.00	0.27	0.35	0.37	0.46	1.06	1.44	1.06	1.44	0.64	0.81	0.00	0.00
				0.00%	0.00%	0.00%	0.00%					100.00%	100.00%			9.07%	11.47%	0.00%	0.00%
12	Pauni -II (Expn)	10.95	10.95	0.00	0.00	0.00	0.00	0.18	0.25	0.22	0.30	1.34	1.74	1.34	1.74	0.40	0.55	0.00	0.00
				0.00%	0.00%	0.00%	0.00%					100.00%	100.00%			3.65%	5.02%	0.00%	0.00%
13	MKD -1 (Expn) OC	6.14	6.14	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.00	1.57	1.86	1.57	1.86	0.10	0.10	0.00	0.00
				0.00%	0.00%	0.00%	0.00%					100.00%	100.00%			1.63%	1.63%	0.00%	0.00%
	Total-A	142.70	144.62	11.61	12.75	3.96	4.14	13.70	14.87	9.67	10.39	21.67	24.61	37.24	41.50	27.33	29.40	15.57	16.89
				31.18%	30.72%	10.63%	9.98%					58.19%	59.30%			19.15%	20.33%	41.81%	40.70%

Note : In reference of the above Table-1, different parameters are classified as follows

- Area under Biological Reclamation includes area under plantation done on backfilled area only.
- Area under Technical Reclamation includes areas under barren backfill only.
- Area under Active Mining includes coal quarry, advance quarry & quarry filled with water etc.
- Social forestry and plantation on external OB dump are not included in biological reclamation and are put under other plantation.
- % calculated in respect to total excavated area except for "Total area under plantation" where % is in terms of leasehold area.

Table-1
Projectwise Land Reclamation Status in Opencast Projects of WCL
(>5 Million Cubic Metre Coal+OB) based on Satellite Data of the year 2024

(Area in Sq. Kms.)

Sl. No.	Project	Total Leasehold Area		Technical Reclamation		Plantation						Area under Active Mining		Total Excavated Area		Total Area under Plantation (% Green Cover Generated in Leasehold)		Total Area under Reclamation	
						Biological Reclamation		Other Plantations											
						Area under Backfilling		Plantation on Excavated / Backfilled Area		Plantation on External Over Burden Dumps									
1	2	3		4		5		6		7		8		9(=4+5+6)		10(=5+6+7)		11(=4+5)	
		Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024	Prev cycle	2024
14	Bhatadi	8.47	8.47	0.39	0.44	0.00	0.00	0.50	0.59	0.43	0.48	0.97	1.12	1.36	1.56	0.93	1.07	0.39	0.44
				28.68%	28.21%	0.00%	0.00%					71.32%	71.79%			10.98%	12.63%	28.68%	28.21%
15	Bellora Naigaon	6.65	6.65	0.73	0.83	0.18	0.20	0.48	0.57	0.32	0.45	1.15	1.20	2.06	2.23	0.98	1.22	0.91	1.03
				35.44%	37.22%	8.74%	8.97%					55.83%	53.81%			14.74%	18.35%	44.17%	46.19%
16	Ballarpur	2.43	2.43	0.76	0.76	0.24	0.28	0.74	0.78	0.10	0.13	0.17	0.17	1.17	1.21	1.08	1.19	1.00	1.04
				64.96%	62.81%	20.51%	23.14%					14.53%	14.05%			44.44%	48.97%	85.47%	85.95%
17	Junad	4.50	4.50	0.37	0.41	0.05	0.12	0.75	0.81	0.34	0.38	0.66	0.67	1.08	1.20	1.14	1.31	0.42	0.53
				34.26%	34.17%	4.63%	10.00%					61.11%	55.83%			25.33%	29.11%	38.83%	44.17%
18	Kolarpimpri	14.89	14.89	0.15	0.21	0.08	0.11	1.35	1.43	0.12	0.16	1.72	1.79	1.95	2.11	1.55	1.70	0.23	0.32
				7.69%	9.95%	4.10%	5.21%					88.21%	84.83%			10.41%	11.42%	11.79%	15.17%
19	HLOCM	3.12	3.12	0.64	0.65	0.06	0.10	0.74	0.76	0.31	0.37	0.48	0.54	1.18	1.29	1.11	1.23	0.70	0.75
				54.24%	50.39%	5.08%	7.75%					40.68%	41.66%			35.58%	39.42%	59.32%	58.14%
20	Gouripouni	6.77	12.91	0.89	0.91	0.60	0.79	2.06	2.55	0.62	0.64	0.95	1.70	2.44	3.40	3.28	3.98	1.49	1.70
				36.48%	26.76%	24.59%	23.24%					38.93%	50.00%			48.45%	30.83%	61.07%	50.00%
21	Gondegaon	7.91	7.91	0.56	0.62	0.00	0.00	0.96	1.22	0.51	0.57	1.49	1.90	2.05	2.52	1.47	1.79	0.58	0.62
				27.32%	24.60%	0.00%	0.00%					72.68%	75.40%			18.58%	22.63%	27.32%	24.60%
22	Adasa UG to DC	5.64	5.64	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.27	0.57	0.80	0.57	0.80	0.14	0.27	0.00	0.00
				0.00%	0.00%	0.00%	0.00%					*****	*****			2.48%	4.79%	0.00%	0.00%
23	Bhanegaon	3.48	3.48	0.01	0.02	0.00	0.00	0.16	0.33	0.20	0.24	0.35	0.69	0.36	0.71	0.36	0.57	0.01	0.02
				2.78%	2.82%	0.00%	0.00%					97.22%	97.18%			10.34%	16.38%	2.78%	2.82%
24	Gokul	7.57	10.02	0.75	0.89	0.00	0.00	0.00	0.00	0.30	0.92	1.78	2.12	2.53	3.01	0.30	0.92	0.75	0.89
				29.64%	29.57%	0.00%	0.00%					70.36%	70.43%			3.96%	9.18%	29.64%	29.57%
25	Inder Kamptee Ama	11.25	7.95	1.12	0.75	0.09	0.34	0.76	1.41	0.85	0.31	1.47	1.62	2.68	2.71	1.70	2.06	1.21	1.09
				41.79%	27.68%	3.36%	12.55%					54.85%	59.78%			15.11%	25.91%	45.15%	40.22%
26	Dhuptala	-	10.14	-	0.00	-	0.00	-	0.25	-	0.30	-	1.74	-	1.74	-	0.55	-	0.00
				-	0.00%	-	0.00%					-	*****			-	5.42%	-	0.00%
	Total-B	82.68	98.11	6.37	6.49	1.30	1.94	8.50	10.70	4.24	5.22	11.76	16.06	19.43	24.49	14.04	17.86	7.67	8.43
				32.78%	26.50%	6.69%	7.92%					60.52%	65.58%			16.98%	18.20%	39.48%	34.42%
	Total- (A+B)	225.38	242.73	17.98	19.24	5.26	6.08	22.20	25.57	13.91	15.61	33.43	40.67	56.67	65.99	41.37	47.26	23.24	25.32
				31.73%	29.16%	9.28%	9.21%					58.99%	61.63%			18.36%	19.47%	41.01%	38.37%

Note : In reference of the above Table-1, different parameters are classified as follows

- 1 Area under Biological Reclamation includes area under plantation done on backfilled area only.
- 2 Area under Technical Reclamation includes areas under barren backfill only.
- 3 Area under Active Mining includes coal quarry, advance quarry & quarry filled with water etc.
- 4 Social forestry and plantation on external OB dump are not included in biological reclamation and are put under other plantation.
- 5 % calculated in respect to total excavated area except for "Total area under plantation" where % is in terms of leasehold area.

computing divergence matrix. The overall accuracy of the classification was finally assessed with reference to ground truth data.

- **Area calculation**

The area of each land use class in the leasehold is determined using ERDAS IMAGINE v.2022 software.

- **Overlay of Vector data base**

Vector data base created based on secondary data. Vector layer like drainage, railway line, leasehold boundary, forest boundary etc. are superimposed on the image as vector layer in the ArcGIS Pro 3.4 database.

- **Pre-field map preparation**

Pre-field map is prepared for validation of the classification result

3.3 Ground Truthing:

Selective ground verification of the land use classes is carried out in the field and necessary corrections if required, are incorporated before map finalization.

3.4 Land reclamation database on GIS:

Land reclamation database is created on GIS platform to identify the temporal changes identified from satellite data of different cut-of dates.

4.0 Work Plan

Twenty-six opencast projects of WCL producing more than 5 million cubic m. (Coal + OB together) have been taken up for land reclamation/ restoration monitoring in 2023-24, based on the Resourcesat-2/2A(L-IV) Satellite data, using

ERDAS Imaging digital image processing s/w, ArcGIS 10.2 and ArcGIS Pro 3.4 platform. Land reclamation monitoring will be carried out regularly on annual basis to assess the progressive status of land reclamation/ restoration in the above OC mines. The report of this study has been uploaded on the websites of CMPDI, CIL & WCL in public domain.

5.0 Land Reclamation Status in Western Coalfields Limited

5.1 Following 26 OC projects producing more than 5 million cubic m. (Coal + OB together) of Western Coalfields Ltd. have been taken up for land reclamation monitoring based on Satellite Data of the year 2024:

- | | |
|----------------------|----------------------|
| ▪ Sasti | ▪ Bhatadi |
| ▪ Durgapur | ▪ Bellora Naigaon |
| ▪ Mungoli | ▪ Ballarpur |
| ▪ Umrer | ▪ Junad |
| ▪ Ukni | ▪ Kolarpimpiri |
| ▪ Niljai | ▪ HLOCM) |
| ▪ New Majri | ▪ Gauri Pauni |
| ▪ MKD-III | ▪ Gondegaon |
| ▪ Penganga | ▪ Adasa UG to OC |
| ▪ Yekona I&II Amal | ▪ Bhanegaon |
| ▪ New Majri UG to OC | ▪ Gokul |
| ▪ Pauni-II (Expn.) | ▪ Inder Kamptee Amal |
| ▪ MKD-I Expn. | ▪ Dhuptala |

5.2 Project wise Land Reclamation status in WCL for the year 2024 is given in Table 1 and also shown graphically in Fig 1. Area statistics of different land use class present in the mine leasehold of the above projects for the year 2024 are shown in the Table 2. Land use maps derived from satellite data are shown in Plate 1-26. This time both local grid and UTM grid is used for map preparation along with all essential

TABLE - 2
Status of Land Use / Reclamation in OC Mines(>5mcu.m) of Western Coalfields Ltd based on Satellite data of the Year 2024

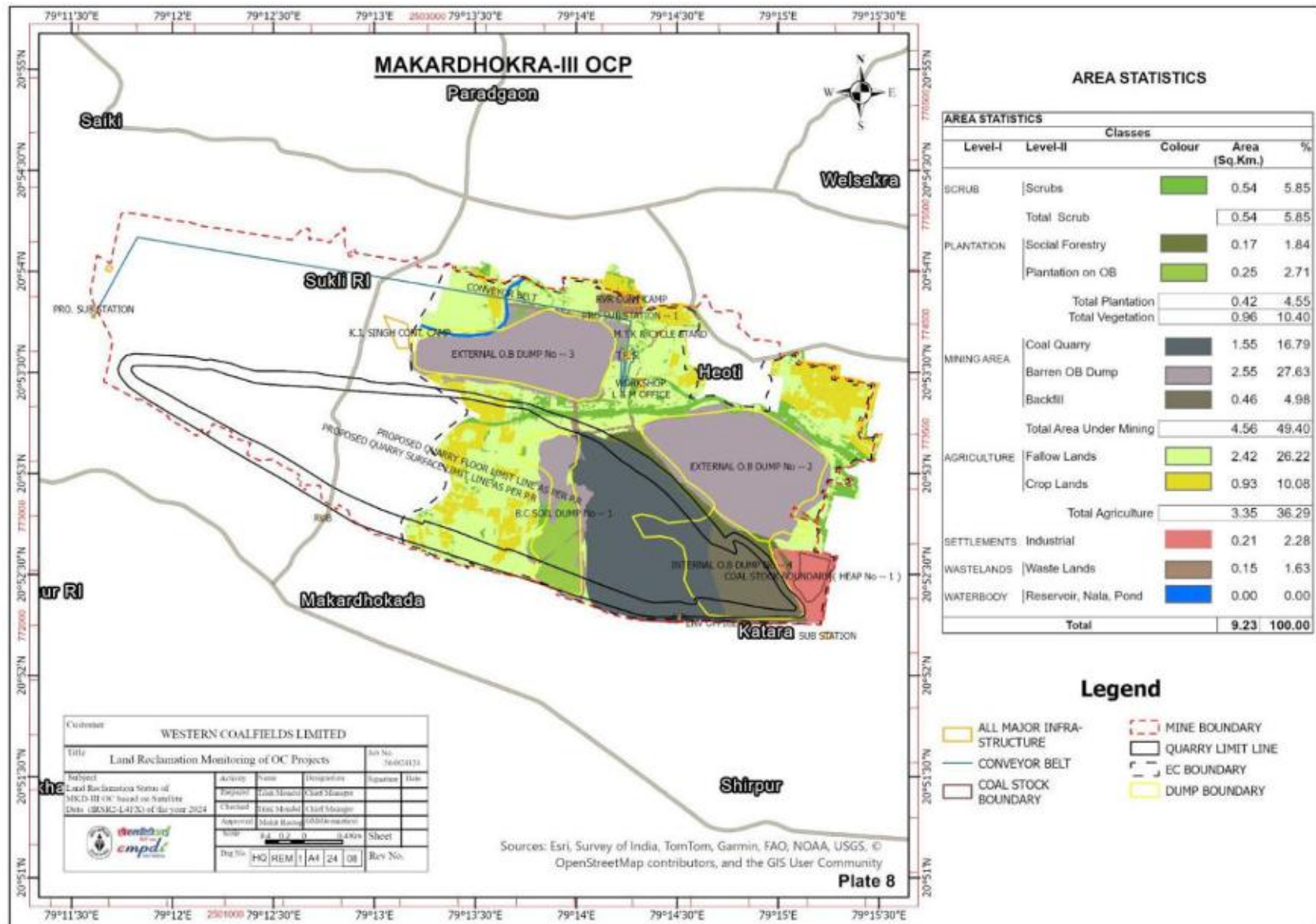
(Area in Sq.Km)

		Sasti		Durgapur		Mungoli		Umrer		Ukni		Niljai		New Majri		MKD-III		Penganga		Yekona-I&II (Amal)		New Majri Ug to OC		Pauni -II (Expn)		MKD-I (Expn.)		Total	
FORESTS		Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	Dense Forest	0.00	0.00	1.27	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.88
	Open Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Forest		0.00	0.00	1.27	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.88	
SCRUBS	Scrubs	0.51	5.00	0.48	3.10	1.62	12.91	0.00	0.00	1.53	11.91	1.34	7.61	0.06	0.78	0.54	5.85	0.71	9.31	1.99	11.85	0.68	9.63	0.97	8.86	0.75	12.21	11.18	7.78
PLANTATION	Social Forestry	0.71	6.95	1.26	8.13	0.65	5.18	2.32	24.55	0.98	7.63	1.31	7.44	1.47	18.99	0.17	1.84	0.68	8.91	0.08	0.48	0.46	6.52	0.30	2.74	0.00	0.00	10.39	7.23
	Plantation on OB Dump	1.92	18.81	2.99	19.29	1.98	15.78	1.45	15.34	1.81	14.09	2.23	12.66	1.04	13.44	0.25	2.71	0.50	6.55	0.00	0.00	0.35	4.96	0.25	2.28	0.10	1.63	14.87	10.35
	Plantation on Backfill (Biological Reclamation)	0.62	6.07	1.18	7.61	0.20	1.59	1.73	18.31	0.00	0.00	0.13	0.74	0.28	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	2.88
	Total Plantation	3.25	31.83	5.43	35.03	2.83	22.55	5.50	58.20	2.79	21.71	3.67	20.84	2.79	36.05	0.42	4.55	1.18	15.47	0.08	0.48	0.81	11.47	0.55	5.02	0.10	1.63	29.40	20.46
Total Vegetation		3.76	36.83	7.18	46.32	4.45	35.46	5.50	58.20	4.32	33.62	5.01	28.45	2.85	36.82	0.96	10.40	1.89	24.77	2.07	12.33	1.49	21.10	1.52	13.88	0.85	13.84	41.85	29.12
ACTIVE MINING	Coal Quarry	0.78	7.64	2.25	14.52	2.23	17.77	1.52	16.08	1.99	15.49	3.00	17.04	2.27	29.33	1.55	16.79	1.19	15.60	1.43	8.52	1.31	18.56	1.54	14.06	1.86	30.29	22.92	15.95
	Coal Dump	0.06	0.59	0.05	0.32	0.00	0.00	0.10	1.06	0.10	0.78	0.05	0.28	0.00	0.00	0.00	0.00	0.23	3.01	0.21	1.25	0.13	1.84	0.20	1.83	0.00	0.00	1.13	0.79
	Advance Quarry Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Quarry Filled With Water	0.00	0.00	0.45	2.90	0.00	0.00	0.01	0.11	0.06	0.47	0.04	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.39
	Total Area under Active Mining	0.84	8.23	2.75	17.74	2.23	17.77	1.63	17.25	2.15	16.73	3.09	17.55	2.27	29.33	1.55	16.79	1.42	18.61	1.64	9.77	1.44	20.40	1.74	15.89	1.86	30.29	24.61	17.12
	Barren OB Dump	0.69	6.76	1.77	11.42	2.15	17.13	0.12	1.27	3.73	29.03	4.46	25.33	0.31	4.01	2.55	27.63	1.35	17.69	2.04	12.15	0.84	11.90	3.17	28.95	0.78	12.70	23.96	16.67
	Barren Backfilled Area (Technical Reclamation)	2.90	28.40	0.96	6.19	1.70	13.55	1.47	15.56	0.65	5.06	1.75	9.94	1.82	23.51	0.46	4.98	0.84	11.01	0.03	0.18	0.00	0.00	0.00	0.00	0.00	0.00	12.58	8.75
	Total Area	3.59	35.16	2.73	17.61	3.85	30.68	1.59	16.83	4.38	34.09	6.21	35.26	2.13	27.52	3.01	32.61	2.19	28.70	2.07	12.33	0.84	11.90	3.17	28.95	0.78	12.70	36.54	25.43
Total Area Under Mine Operation		4.43	43.39	5.48	35.35	6.08	48.45	3.22	34.07	6.53	50.82	9.30	52.81	4.40	56.85	4.56	49.40	3.61	47.31	3.71	22.10	2.28	32.29	4.91	44.84	2.64	43.00	61.15	42.55
WASTE LANDS	Waste Lands	0.53	5.19	1.16	7.48	0.23	1.83	0.27	2.86	0.75	5.84	0.79	4.49	0.10	1.29	0.15	1.63	1.65	21.63	1.26	7.50	0.26	3.68	0.33	3.01	0.11	1.79	7.59	5.28
	Fly Ash Pond / Sand Body	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.71	0.05	0.46	0.00	0.00	0.10	0.07	
WATERBODIES	Total Wasteland	0.53	5.19	1.16	7.48	0.23	1.83	0.27	2.86	0.75	5.84	0.79	4.49	0.10	1.29	0.15	1.63	1.65	21.63	1.26	7.50	0.31	4.39	0.38	3.47	0.11	1.79	7.69	5.35
	Reservoir, nallah, ponds	0.07	0.69	0.05	0.32	0.00	0.00	0.20	2.12	0.00	0.00	0.03	0.17	0.01	0.13	0.00	0.00	0.12	1.57	0.10	0.60	0.03	0.42	0.22	2.01	0.07	1.14	0.90	0.63
	Total Waterbodies	0.07	0.69	0.05	0.32	0.00	0.00	0.20	2.12	0.00	0.00	0.03	0.17	0.01	0.13	0.00	0.00	0.12	1.57	0.10	0.60	0.03	0.42	0.22	2.01	0.07	1.14	0.90	0.63
AGRICULTURE	Crop Lands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	10.08	0.00	0.00	3.26	19.42	0.87	12.32	0.46	4.20	0.51	8.31	6.03	4.20
	Fallow Lands	1.08	10.58	1.04	6.71	1.46	11.63	0.00	0.00	1.05	8.17	1.45	8.23	0.00	0.00	2.42	26.22	0.21	2.75	6.34	37.76	2.00	28.33	3.33	30.41	1.96	31.92	22.34	15.55
	Total Agriculture	1.08	10.58	1.04	6.71	1.46	11.63	0.00	0.00	1.05	8.17	1.45	8.23	0.00	0.00	3.35	36.29	0.21	2.75	9.60	57.18	2.87	40.65	3.79	34.61	2.47	40.23	28.37	19.74
SETTLEMENTS	Urban Settlement	0.08	0.78	0.39	2.52	0.12	0.96	0.15	1.59	0.00	0.00	0.34	1.93	0.34	4.39	0.00	0.00	0.00	0.00	0.01	0.06	0.07	0.99	0.00	0.00	0.00	0.00	1.50	1.04
	Rural Settlement	0.00	0.00	0.05	0.32	0.03	0.24	0.00	0.00	0.02	0.16	0.20	1.14	0.00	0.00	0.00	0.00	0.03	0.39	0.03	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.25
	Industrial Settlement	0.26	2.55	0.15	0.97	0.18	1.43	0.11	1.16	0.18	1.40	0.49	2.78	0.04	0.52	0.21	2.28	0.12	1.57	0.01	0.06	0.01	0.14	0.13	1.19	0.00	0.00	1.89	1.32
	Total Settlement	0.34	3.33	0.59	3.81	0.33	2.63	0.26	2.75	0.20	1.56	1.03	5.85	0.38	4.91	0.21	2.28	0.15	1.97	0.05	0.30	0.08	1.13	0.13	1.19	0.00	0.00	3.75	2.61
Grand Total		10.21	100.00	15.50	100.00	12.55	100.00	9.45	100.00	12.85	100.00	17.61	100.00	7.74	100.00	9.23	100.00	7.63	100.00	16.79	100.00	7.06	100.00	10.95	100.00	6.14	100.00	143.71	100.00

TABLE - 2
Status of Land Use / Reclamation in OC Mines(>5mcu.m) of Western Coalfields Ltd based on Satellite data of the Year 2024

(Area in Sq.Km)

		Bhatadi		Bellora Naigaon		Ballarpur		Junad		Kolar Pimpri		HLOCM		Gauri-Pouni		Gondegaon		Adasa UG to OC		Dhuptala		Gokul		Bhanegaon		Inder Kamptee		Total	
FORESTS		Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	Dense Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Open Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SCRUBS																													
	Scrubs	0.97	11.45	0.53	7.97	0.01	0.41	0.51	11.33	2.40	16.12	0.02	0.64	0.86	6.66	0.33	4.17	0.82	14.54	1.07	10.55	1.06	10.58	0.13	3.74	0.75	12.21	9.46	9.82
PLANTATION																													
	Social Forestry	0.48	5.67	0.45	6.77	0.13	5.35	0.38	8.44	0.16	1.07	0.37	11.86	0.64	4.96	0.57	7.21	0.27	4.79	0.41	4.04	0.92	9.18	0.24	6.90	0.00	0.00	5.02	5.21
	Plantation on OB Dump	0.59	6.97	0.57	8.57	0.78	32.10	0.81	18.00	1.43	9.60	0.76	24.36	2.55	19.75	1.22	15.42	0.00	0.00	0.78	7.69	0.00	0.00	0.33	9.48	0.10	1.63	9.92	10.30
	Plantation on Backfill (Biological Reclamation)	0.00	0.00	0.20	3.01	0.28	11.52	0.12	2.67	0.11	0.74	0.10	3.21	0.79	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	1.66
	Total Plantation	1.07	12.63	1.22	18.35	1.19	48.97	1.31	29.11	1.70	11.42	1.23	39.42	3.98	30.83	1.79	22.63	0.27	4.79	1.19	11.74	0.92	9.18	0.57	16.38	0.10	1.63	16.54	17.18
	Total Vegetation	2.04	24.09	1.75	26.32	1.20	49.38	1.82	40.44	4.10	27.54	1.25	40.06	4.84	37.49	2.12	26.80	1.09	19.33	2.26	22.29	1.98	19.76	0.70	20.11	0.85	13.84	26.00	27.00
ACTIVE MINING																													
	Coal Quarry	0.97	11.45	1.17	17.59	0.13	5.35	0.65	14.44	1.33	8.93	0.49	15.71	1.08	8.37	1.59	20.10	0.74	13.12	0.29	2.86	1.81	18.06	0.64	18.39	1.86	30.29	12.75	13.24
	Coal Dump	0.13	1.53	0.03	0.45	0.04	1.65	0.02	0.44	0.04	0.27	0.05	1.60	0.15	1.16	0.07	0.88	0.06	1.06	0.04	0.39	0.26	2.59	0.02	0.57	0.00	0.00	0.91	0.94
	Advance Quarry Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09
	Quarry Filled With Water	0.02	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.42	2.82	0.00	0.00	0.47	3.64	0.24	3.03	0.00	0.00	0.04	0.39	0.05	0.50	0.03	0.86	0.00	0.00	1.27	1.32
	Total Area under Active Mining	1.12	13.22	1.20	18.05	0.17	7.00	0.67	14.89	1.79	12.02	0.54	17.31	1.70	13.17	1.90	24.02	0.80	14.18	0.46	4.54	2.12	21.16	0.69	19.83	1.86	30.29	15.02	15.60
	Barren OB Dump	1.77	20.90	0.45	6.77	0.19	7.82	1.15	25.56	3.58	24.04	0.31	9.94	0.90	6.97	1.62	20.48	0.97	17.20	1.18	11.64	1.52	15.17	0.96	27.59	0.78	12.70	15.38	15.97
	Barren Backfilled Area (Technical Reclamation)	0.44	5.19	0.83	12.48	0.76	31.28	0.41	9.11	0.21	1.41	0.65	20.83	0.91	7.05	0.62	7.84	0.00	0.00	0.00	0.00	0.89	8.88	0.02	0.57	0.00	0.00	5.74	5.96
	Total Area	2.21	26.09	1.28	19.25	0.95	39.09	1.56	34.67	3.79	25.45	0.96	30.77	1.81	14.02	2.24	28.32	0.97	17.20	1.18	11.64	2.41	24.05	0.98	28.16	0.78	12.70	21.12	21.93
	Total Area Under Mine Operation	3.33	39.32	2.48	37.29	1.12	46.09	2.23	49.56	5.58	37.47	1.50	48.08	3.51	27.19	4.14	52.34	1.77	31.38	1.64	16.17	4.53	45.21	1.67	47.99	2.64	43.00	36.14	37.53
WASTELANDS																													
	Waste Lands	0.57	6.73	0.27	4.06	0.03	1.23	0.22	4.89	0.65	4.37	0.11	3.53	0.41	3.18	0.50	6.32	0.46	8.16	0.68	6.71	0.47	4.69	0.25	7.18	0.11	1.79	4.73	4.91
	Fly Ash Pond / Sand Body	0.05	0.59	0.05	0.75	0.02	0.00	0.04	0.89	0.03	0.20	0.00	0.00	0.06	0.46	0.00	0.00	0.04	0.71	0.05	0.49	0.00	0.00	0.03	0.86	0.00	0.00	0.37	0.38
	Total Wasteland	0.62	7.32	0.32	4.81	0.05	1.23	0.26	5.78	0.68	4.57	0.11	3.53	0.47	3.64	0.50	6.32	0.50	8.87	0.73	7.20	0.47	4.69	0.28	8.05	0.11	1.79	5.10	5.30
	Reservoir, nallah, ponds	0.15	1.77	0.02	0.30	0.02	0.82	0.04	0.89	0.02	0.13	0.08	2.56	0.02	0.15	0.00	0.00	0.05	0.89	0.11	1.08	0.02	0.20	0.08	2.30	0.07	1.14	0.68	0.71
	Total Waterbodies	0.15	1.77	0.02	0.30	0.02	0.82	0.04	0.89	0.02	0.13	0.08	2.56	0.02	0.15	0.00	0.00	0.05	0.89	0.11	1.08	0.02	0.20	0.08	2.30	0.07	1.14	0.68	0.71
AGRICULTURE																													
	Crop Lands	0.00	0.00	0.50	7.52	0.00	0.00	0.00	0.00	0.35	2.35	0.00	0.00	0.00	0.00	0.00	0.70	12.41	1.67	16.47	0.00	0.00	0.00	0.00	0.51	8.31	3.73	3.87	
	Fallow Lands	2.25	26.56	1.58	23.76	0.02	0.82	0.12	2.67	3.99	26.80	0.04	1.28	3.94	30.52	1.08	13.65	1.45	25.71	3.56	35.11	2.80	27.94	0.67	19.25	1.96	31.92	23.46	24.36
	Total Agriculture	2.25	26.56	2.08	31.28	0.02	0.82	0.12	2.67	4.34	29.15	0.04	1.28	3.94	30.52	1.08	13.65	2.15	38.12	5.23	51.58	2.80	27.94	0.67	19.25	2.47	40.23	27.19	28.23
SETTLEMENTS																													
	Urban Settlement	0.02	0.24	0.00	0.00	0.01	0.41	0.01	0.22	0.01	0.07	0.13	4.17	0.00	0.00	0.04	0.51	0.04	0.71	0.07	0.69	0.00	0.00	0.00	0.00	0.00	0.33	0.34	
	Rural Settlement	0.04	0.47	0.00	0.00	0.00	0.00	0.01	0.22	0.06	0.40	0.00	0.00	0.05	0.39	0.00	0.00	0.03	0.53	0.02	0.20	0.16	1.60	0.00	0.00	0.00	0.37	0.38	
	Industrial Settlement	0.02	0.24	0.00	0.00	0.01	0.41	0.01	0.22	0.10	0.67	0.01	0.32	0.08	0.62	0.03	0.38	0.01	0.18	0.08	0.79	0.06	0.60	0.08	2.30	0.00	0.00	0.49	0.51
	Total Settlement	0.08	0.94	0.00	0.00	0.02	0.82	0.03	0.67	0.17	1.14	0.14	4.49	0.13	1.01	0.07	0.88	0.08	1.42	0.17	1.68	0.22	2.20	0.08	2.30	0.00	0.00	1.19	1.24
	Grand Total	8.47	100.00	6.65	100.00	2.43	99.18	4.50	100.00	14.89	100.00	3.12	100.00	12.91	100.00	7.91	100.00	5.64	100.00	10.14	100.00	10.02	100.00	3.48	100.00	6.14	100.00	96.30	100.00





Central Mine Planning & Design Institute Ltd.

(A Subsidiary of Coal India Ltd.)

Gondwana Place, Kanke Road, Ranchi 834031, Jharkhand

Phone : (+91) 651 2230001, 2230002, 2230483, FAX (+91) 651 2231447, 2231851

Website : www.cmpdi.co.in, Email : cmpdihq@cmpdi.co.in

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Maharashtra

Date : **29/12/2025**
Time : **16:59:14 PM**
Validity upto : **28/12/2026**



Certificate SL. No. : MH04001780000392
Registration No. : MH40CM3371
Date of Registration : 15/Feb/2021
Month & Year of Manufacturing : January-2021
Valid Mobile Number : *****5656
Emission Norms : BHARAT STAGE VI
Fuel : DIESEL
PUC Code : MH0400178
GSTIN :
Fees : Rs.150.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.39

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Maharashtra

Date : **29/12/2025**
Time : **17:34:03 PM**
Validity upto : **28/12/2026**



Certificate SL. No. : MH04001780000404
Registration No. : MH40CM3372
Date of Registration : 15/Feb/2021
Month & Year of Manufacturing : January-2021
Valid Mobile Number : *****7565
Emission Norms : BHARAT STAGE VI
Fuel : DIESEL
PUC Code : MH0400178
GSTIN :
Fees : Rs.150.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.63

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm



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FOR COMPANY USE ONLY
The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT

DINESH OCP

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



SEPTEMBER 2025

Environment Laboratory

CMPDI

REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/SEPT-25/11	DATE OF ISSUE	25-10-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-09-25 TO 15-10-25

MANAGER OFFICE UM30A1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
06-09-2025	07-09-2025	240	138	42	13	12
20-09-2025	21-09-2025	269	156	55	15	13
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120

NEAR RLY. WEIGHT BRIDGE UM30A2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
06-09-2025	07-09-2025	247	140	44	15	14
20-09-2025	21-09-2025	260	164	58	17	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25 TH September 2000		600	300	-	120	120

PIPARDOL VILLAGE UM30A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	5	2	6	10	
01-09-2025	02-09-2025	69	25	8	BDL	Rainy, Cloud sky / Breeze
02-09-2025	03-09-2025	65	24	6	BDL	Rainy sky, over cast / Breeze
07-09-2025	08-09-2025	71	29	8	BDL	partially cloudy/ Light breeze
08-09-2025	09-09-2025	73	30	9	BDL	Rainy, Cloud sky / Breeze
13-09-2025	14-09-2025	66	25	7	BDL	partially cloudy/ Light breeze
16-09-2025	17-09-2025	72	29	9	BDL	Rainy sky, over cast / Breeze
20-09-2025	21-09-2025	78	32	11	BDL	Rainy, Cloud sky / Breeze
21-09-2025	22-09-2025	71	28	8	BDL	Cloud sky / Calm
26-09-2025	27-09-2025	74	28	10	BDL	Rain, cloudy/ Breeze
27-09-2025	28-09-2025	70	27	8	BDL	partially cloudy/ Light breeze
NAAQS, 2009		100	60	80	80	

WELSAKARA VILLAGE UM30A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	5	2	6	10	
01-09-2025	02-09-2025	72	31	9	BDL	Rainy, Cloud sky / Breeze
02-09-2025	03-09-2025	75	33	10	BDL	Rainy sky, over cast / Breeze
07-09-2025	08-09-2025	64	25	6	BDL	partially cloudy/ Light breeze
08-09-2025	09-09-2025	68	29	7	BDL	Rainy, Cloud sky / Breeze
13-09-2025	14-09-2025	76	32	10	BDL	partially cloudy/ Light breeze
16-09-2025	17-09-2025	73	32	9	BDL	Rainy sky, over cast / Breeze
20-09-2025	21-09-2025	69	30	8	BDL	Rainy, Cloud sky / Breeze
21-09-2025	22-09-2025	77	34	11	BDL	Cloud sky / Calm
26-09-2025	27-09-2025	70	31	9	BDL	Rain, cloudy/ Breeze
27-09-2025	28-09-2025	67	27	7	BDL	partially cloudy/ Light breeze
NAAQS, 2009		100	60	80	80	


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-09-25 TO 15-10-25

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-09-2025	7.56	25	40	BDL
20-09-2025	7.62	23	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-09-2025	7.32	19	28	BDL
20-09-2025	7.41	16	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
SEPT'25	14-09-2025	61.9	60.1
SEPT'25	21-09-2025	62.5	58.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
SEPT'25	14-09-2025	51.2	42.2
SEPT'25	21-09-2025	50.2	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



Environment Laboratory

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/11	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25

MANAGER OFFICE UM30A1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
09-11-2025	10-11-2025	295	175	52	25	17
22-11-2025	23-11-2025	280	162	46	20	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120

NEAR RLY. WEIGHT BRIDGE UM30A2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
15-11-2025	16-11-2025	275	155	43	18	14
29-11-2025	30-11-2025	269	145	40	16	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120

PIPARDOL VILLAGE UM30A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-11-2025	05-11-2025	73	27	8	BDL	Clear sky / Calm
05-11-2025	06-11-2025	75	29	9	BDL	Clear sky / Calm
10-11-2025	11-11-2025	69	28	8	BDL	Clear sky / Calm
11-11-2025	12-11-2025	65	25	7	BDL	Clear sky / Calm
20-11-2025	21-11-2025	80	32	10	BDL	Clear sky / Calm
21-11-2025	22-11-2025	83	35	12	10	Clear sky / Calm
27-11-2025	28-11-2025	85	37	13	11	Clear sky / Calm
28-11-2025	29-11-2025	77	29	9	BDL	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

WELSAKARA VILLAGE UM30A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-11-2025	05-11-2025	75	28	9	BDL	Clear sky / Calm
05-11-2025	06-11-2025	80	31	10	BDL	Clear sky / Calm
10-11-2025	11-11-2025	66	25	6	BDL	Clear sky / Calm
11-11-2025	12-11-2025	68	27	7	BDL	Clear sky / Calm
20-11-2025	21-11-2025	77	29	8	BDL	Clear sky / Calm
21-11-2025	22-11-2025	83	33	9	BDL	Clear sky / Calm
27-11-2025	28-11-2025	84	34	11	BDL	Clear sky / Calm
28-11-2025	29-11-2025	87	36	12	10	Clear sky / Calm
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-11-25 TO 15-12-25

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-11-2025	7.32	32	44	BDL
22-11-2025	6.95	29	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-11-2025	7.03	21	32	BDL
22-11-2025	7.20	19	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	63.5	61.3
NOV'25	27-11-2025	64.1	60.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	51.6	42.4
NOV'25	27-11-2025	50.1	42.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/11	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

MANAGER OFFICE					UM30A1		
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	278	166	48	28	18	Cloudy sky / Calm
22-12-2025	23-12-2025	288	170	56	30	20	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEAR RLY. WEIGHT BRIDGE					UM30A2		
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	266	159	42	22	16	Cloudy sky / Calm
28-12-2025	29-12-2025	259	141	40	20	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIPARDOL VILLAGE UM30A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
05-12-2025	06-12-2025	70	23	12	BDL	Clear/ Calm
06-12-2025	07-12-2025	75	26	14	BDL	Clear/ Calm
12-12-2025	13-12-2025	77	29	16	11	Clear/ Calm
13-12-2025	14-12-2025	80	31	16	12	Clear/ Calm
17-12-2025	18-12-2025	84	32	20	13	Clear/ Light breeze
18-12-2025	19-12-2025	82	30	17	11	Clear/ Light breeze
24-12-2025	25-12-2025	79	28	16	BDL	Clear/ Light breeze
25-12-2025	26-12-2025	83	33	18	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

WELSAKARA VILLAGE UM30A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
05-12-2025	06-12-2025	76	27	16	BDL	Clear/ Calm
06-12-2025	07-12-2025	85	37	23	12	Clear/ Calm
12-12-2025	13-12-2025	79	29	20	BDL	Clear/ Calm
13-12-2025	14-12-2025	83	34	22	11	Clear/ Calm
17-12-2025	18-12-2025	77	28	18	BDL	Clear/ Light breeze
18-12-2025	19-12-2025	80	31	19	10	Clear/ Light breeze
24-12-2025	25-12-2025	76	29	17	BDL	Clear/ Light breeze
25-12-2025	26-12-2025	86	38	24	13	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.65	34	48	BDL
28-12-2025	7.57	38	52	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.26	24	32	BDL
28-12-2025	7.35	27	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	64.7	58.7
DEC'25	26-12-2025	65.3	59.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	51.5	42.2
DEC'25	26-12-2025	52.0	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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JANUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/JAN-26/11	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-01-26 TO 15-02-26	

MANAGER OFFICE UM30A1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
07-01-2026	08-01-2026	280	185	52	26	18
28-01-2026	29-01-2026	300	195	56	28	22
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

NEAR RLY. WEIGHT BRIDGE UM30A2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
08-01-2026	09-01-2026	293	201	54	30	20
29-01-2026	30-01-2026	310	205	58	32	24
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

PIPARDOL VILLAGE UM30A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-01-2026	03-01-2026	75	26	10	BDL	Clear/ Light breeze
03-01-2026	04-01-2026	77	29	11	BDL	Clear/ Light breeze
09-01-2026	10-01-2026	82	33	13	BDL	Clear/ Light breeze
10-01-2026	11-01-2026	80	31	12	BDL	Clear/ Light breeze
15-01-2026	16-01-2026	83	34	15	10	Clear/ Light breeze
17-01-2026	18-01-2026	76	28	10	BDL	Clear/ Light breeze
21-01-2026	22-01-2026	81	30	11	BDL	Clear/ Light breeze
22-01-2026	23-01-2026	85	36	16	11	Clear/ Light breeze
29-01-2026	30-01-2026	84	34	15	10	Clear/ Light breeze
30-01-2026	31-01-2026	79	32	11	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

WELSAKARA VILLAGE UM30A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-01-2026	03-01-2026	81	32	12	BDL	Clear/ Light breeze
03-01-2026	04-01-2026	83	35	13	BDL	Clear/ Light breeze
09-01-2026	10-01-2026	76	25	9	BDL	Clear/ Light breeze
10-01-2026	11-01-2026	79	28	9	BDL	Clear/ Light breeze
15-01-2026	16-01-2026	84	35	12	BDL	Clear/ Light breeze
17-01-2026	18-01-2026	86	36	13	10	Clear/ Light breeze
21-01-2026	22-01-2026	78	27	9	BDL	Clear/ Light breeze
22-01-2026	23-01-2026	81	31	10	BDL	Clear/ Light breeze
29-01-2026	30-01-2026	82	32	11	BDL	Clear/ Light breeze
30-01-2026	31-01-2026	85	35	14	11	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-01-26 TO 15-02-26

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-01-2026	7.38	32	56	BDL
28-01-2026	7.34	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-01-2026	7.3	22	32	BDL
28-01-2026	7.36	20	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JAN'26	11-01-2026	66.0	59.9
JAN'26	22-01-2026	66.7	60.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
JAN'26	11-01-2026	50.7	42.0
JAN'26	22-01-2026	51.2	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
 2. Laboratory activities are performed at the Laboratory permanent facility that is ground floor Environment Lab, CMPDI RI-IV, Nagpur.
 3. This report refers to the values related to the items tested.
- ***** End of report *****

Illumination Survey for the month of April 2025

Sr. NO	Date	Place / Area	Min/Std of Illumination Required	Illumination Std observed in (Lux)	Remarks
1)	01/4/25	work place of Heavy Machinery	15 ^l /25 ^v	14 ^H , 23 ^v	
2)	01/4/25	Area where Drilling operations & rig work	25 ^v	22 ^v	
3)	02/4/25	Places where loading unloading or transfer loading of dumper's trucks of train's Carried on (including) OB Dump and mineral stock yard.	15 ^H , 15 ^v	16 ^H , 14 ^v	
4)	02/4/25	operators Cabine of machines or mechanical SMS	50 ^H	48 ^H	
5)	03/4/25	How road for Tipper Road	10 ^H	08 ^H	
6)	03/4/25	Road ways and foot Path from bench to bench	10 ^H	08 ^H	
7)	04/4/25	Permanent Paths for use of persons employed etc.	10 ^H	08 ^H	

Sr no	Date	Place / Area	mini std of illumining	Illuminet in std observed (lux)	Remarks
8)	05/4/25	Pumping station	40 H	35 H	
9)	05/4/25	other place operation of electrical apparatus equipment	20 H, 20 V	18 H, 16 V	
10)	07/4/25	Hoard Road of truck & Dumper (Coal)	10 H	09 H	
11)	07/4/25	First Aid station	50 H	48 H	
12)	8/4/25	Rest shater	230 H	27 H	
13)	8/4/25	Work shop	100 H, 50 V	80 H, 35 V	
14)	9/4/25	Parking	50 H	46 H	
15)	9/4/25	M.P.T. K	08 H	6 H	
16)	10/4/25	ETP	10 H	7 H	
17)	10/4/25	CHQM	8 H	6 H	
18)	11/4/25	Boom Barrier Road Sale	8 H	6 H	

Foreman Electrical
MKD III OCM

Callery Engg
CEEM
MKD III OCM

Callery Manager
MKD III OCM

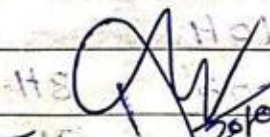
Report of Illumination Survey for the Month of May 2025.

Page No.:

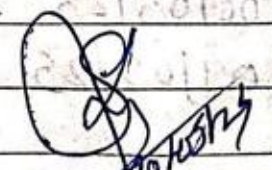
Date:

Sr. No.	Date	Place/Area	Mini. Std. of Illumination required	Illumination Std. observed in (lux)	Remark
1)	01/05/25	Work place of Heavy Machinery (HEMM).	15H, 25V	14H, 23V	
(a)		Seventh OB Bench	15H, 25V	15H, 25V	
(b)		Ninth OB Bench	15H, 25V	13H, 25V	
(c)		Eleventh OB Bench	15H, 25V	14H, 23V	
(d)		Fourteenth OB Bench	15H, 25V	13H, 24V	
(e)		Fifteenth OB Bench	15H, 25V	15H, 25V	
(f)		Seventeenth OB Bench	15H, 25V	12H, 23V	
(2)(i)	03/05/25	Area of drill rig work	25V	24V	
(a)		Eighth OB Bench	So as to	24V	
(b)		Tenth OB Bench	Full	24V	
(c)		Fifteenth OB Bench	Full of drill rig	24V	
(d)		Seventeenth OB Bench		24V	
(ii)		Area of Hole Entry	15H	15H.	
(3)		Places of manual work stone, chisel Port.	15H, 25V	14H, 23V	
(4)	(a) 05/05/25	OB Dump No. 1	15H, 15V	13H, 14V	
	(b)	OB Dump No. 4	15H, 15V	14H, 13V	
	(c)	Coal stock	15H, 15V	14H, 14V	
5.	06/05/25	Operator's Cabin of Machine	15H	48H	
6.	09/05/25	Haul Road for Tippers	10H		
		OB	10H	8H	
		Coal	10H	3H.	
7.		Pumping Station 1	40H	36H	

Sr. No.	Date	Place / Area	Mini std of Illumination required	Illumination
7. (b)	10/05/25	Pump station 2	40H	36H
8.	11/05/25	Roadways and Footpaths along beach to beach	10H	8H
9.	12/05/25	First Aid station	50H	46H.
10.	13/05/25	Rest shelter	30H	26H.
11.	15/05/25	Workshop	100H, 58V	96H, 46V
12.	17/05/25	Parking Yard	50H	
13.	18/05/25	General walkway		
		Areas	10H	08H
(a)	19/05/25	WB	10H	08H.
(b)		Beam Bender		


 Foreman Electrical
 MKD-III OCM.


 Colliery Engineer
 MKD-III OCM.


 Colliery Manager
 MKD-III OCM.

Annexure -XI

Record: 10923202509221455090318.prov1
Number: 318
Seismograph: Mini-Seis III Pro 10923
Type of Record: Waveform
Date: 22-09-2025 14:55:09
Duration: 5.00 Seconds
Sample Rate: 1024
Pre-Trigger: 1 Seconds
Seismic Trigger: 0.889 mm/s
Acoustic Trigger: 147.7 dB
Seismic Gain: 260.096
Acoustic Gain: 148.2 dB
Voltage: 6.17

Peaks and Frequencies

PPV Maximum (Geo #1): 0.913 mm/s

Acoustic #1: 122.5 dB @ 15.5 Hz (3.068359 s)

Radial #1: 0.913 mm/s @ 0.0 Hz (-0.0009765625 s)

Vertical #1: 0.881 mm/s @ 36.6 Hz (3.294922 s)

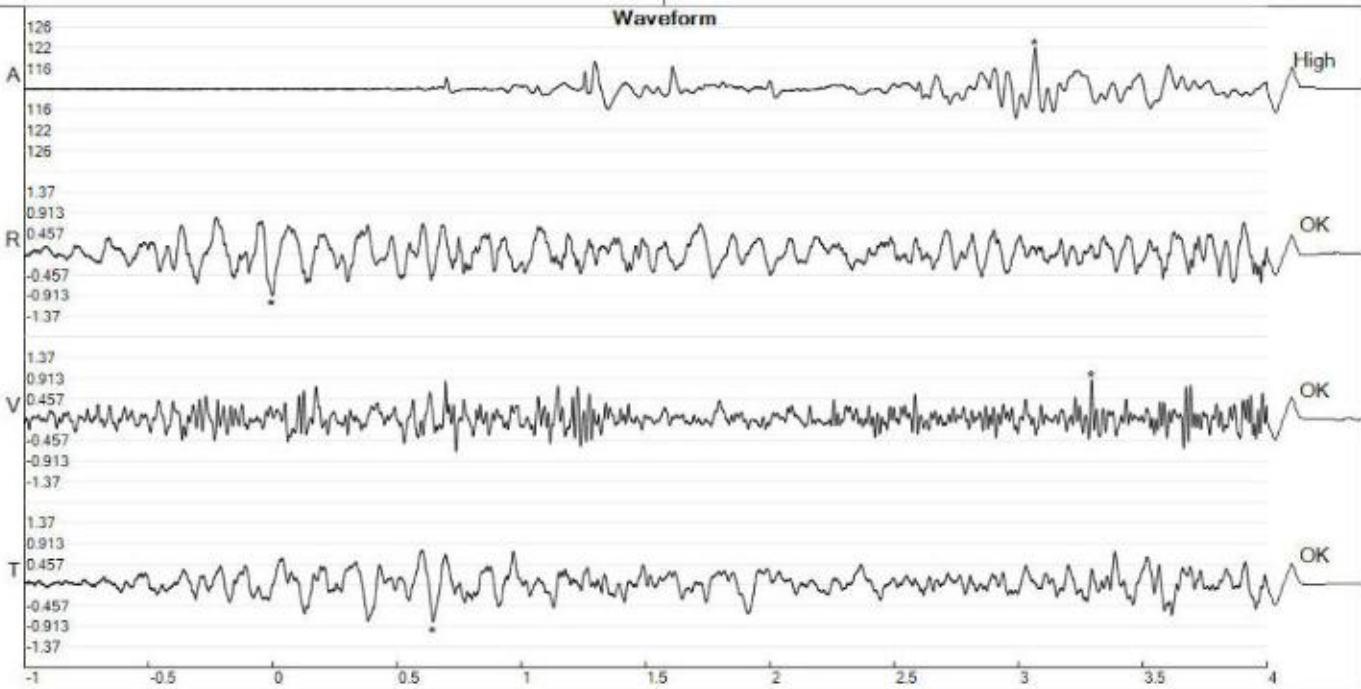
Transverse #1: 0.818 mm/s @ 10.9 Hz (0.6464844 s)

Last Calibration Date: 15-09-2025

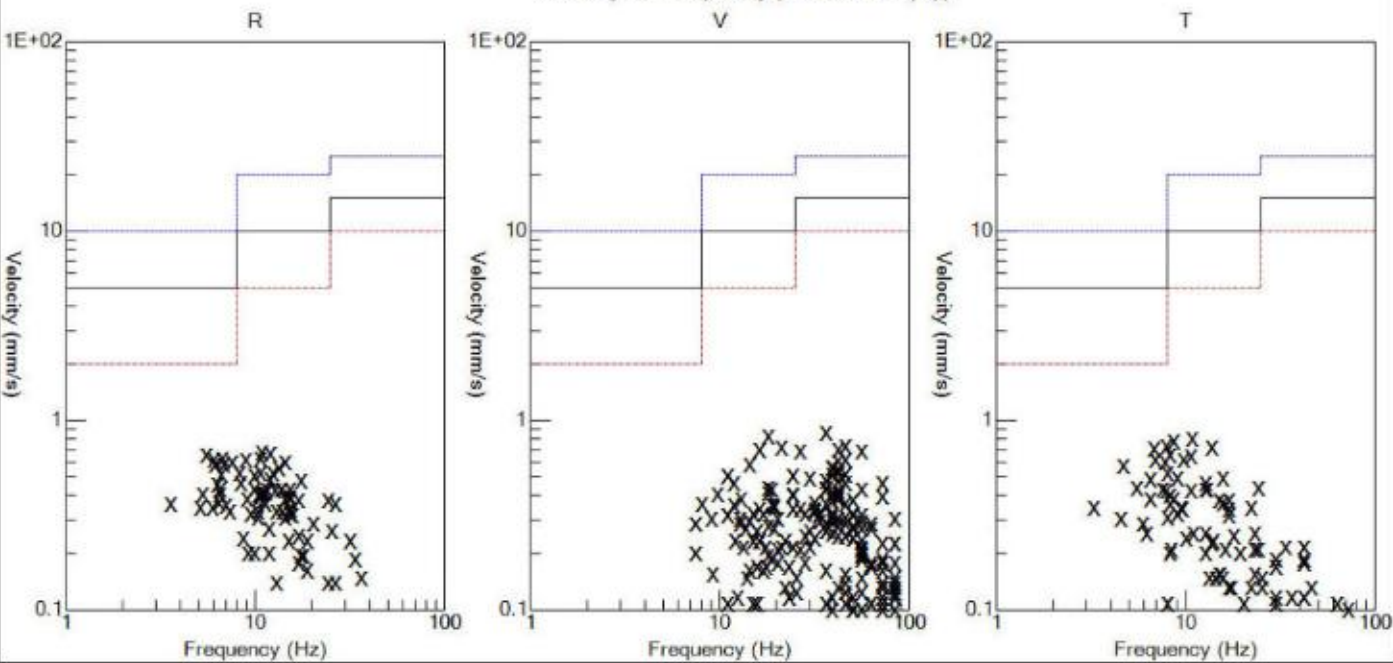
Graph Information

Time Range: -0.999 s to 4 s, Intervals: 0.4999 Seconds

Waveform



Velocity vs. Frequency (DGMS India (A))



Record: 10923202509221455090318.proevt

Number: 318

Seismograph: Mini-Seis III Pro 10923

Type of Record: Waveform

Date: 22-09-2025 14:55:09

Duration: 5.00 Seconds

Sample Rate: 1024

Pre-Trigger: 1 Seconds

Seismic Trigger: 0.889 mm/s

Acoustic Gain: 147.7 dB

Seismic Gain: 260.096

Acoustic Gain: 148.2 dB

Voltage: 6.17

Peaks and Frequencies

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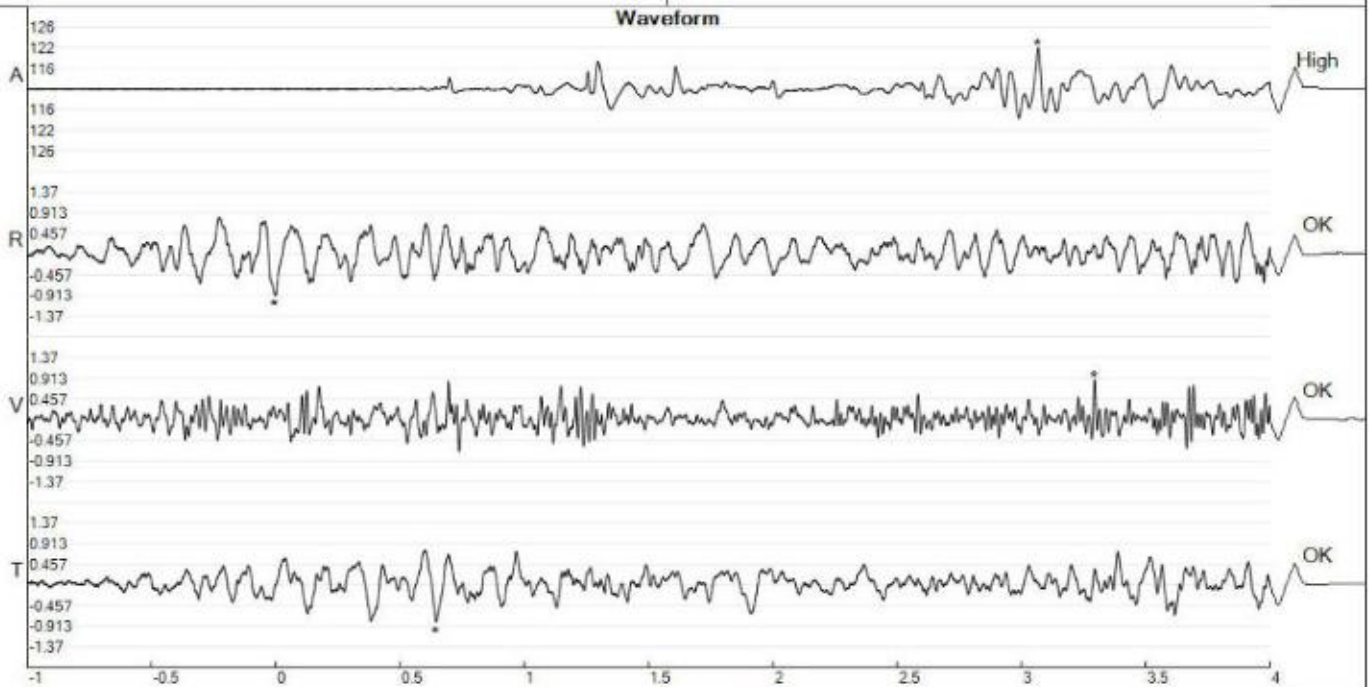
Transverse #1: 0.818 mm/s @ 10.9 Hz (0.6464844 s)

Last Calibration Date: 15-09-2025

Graph Information

Time Range: -0.999 s to 4 s, Intervals: 0.4999 Seconds

Waveform



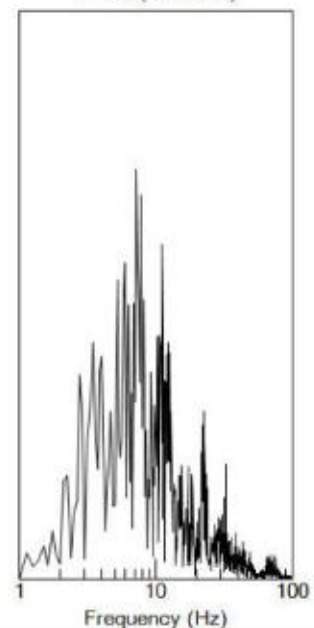
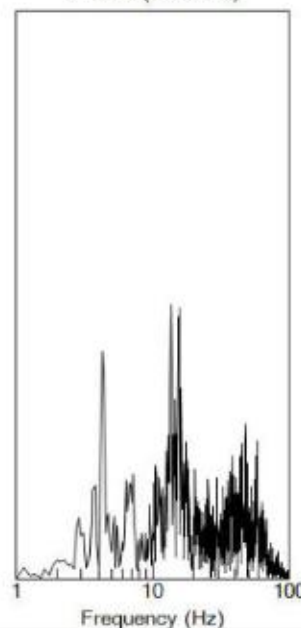
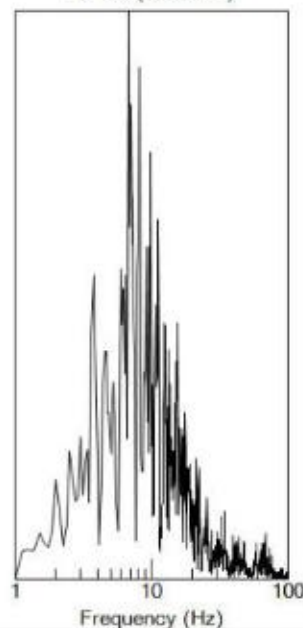
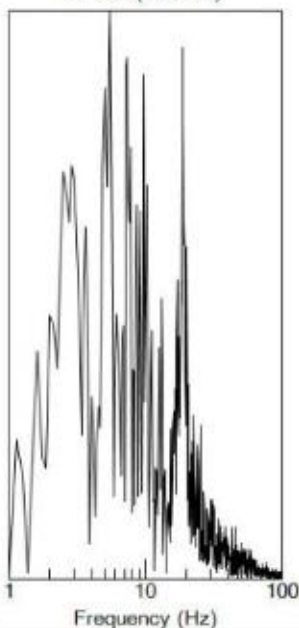
Fast Fourier Transform (Amplitude Spectrum)

A - 5.5 (33.5895)

R - 6.8 (309.5946)

V - 13.6 (309.5946)

T - 7.3 (309.5946)



Annexure XII

Present status of Issues raised during Public Hearing in respect to Dinesh (Makardhokra-III) OC Mine

	Issues raised during Public Hearing	Reply	Budget Provision	Time Line	Status as on March 2026																						
1	Shri. Shankar Bhaurao Dhage, Hevati raised the following issue: The place which has been selected for Dinesh Open Cast Project is covered in the cultivated land, forest land, rich vegetation like river, nallas, KT wiers which balance the environment beautifully. Due to this project the environmental balance in this area may get disturbed. The land is irrigated through dams and the farmers are taking crops from this land twice in a year and they are earning regularly through this land and if mine are opened all these labours will be unemployed due to the activities of Dinesh OCP. Some of the farmers in this area are taking crops in summer by using the Water of KT Weir, River, Nalla Water, by this project same may not happen and damages may not be recovered at all. The total land of 4000 acres will be acquired by WCL due to this activity and may can unemployment of farmers the thousands of animals may be sold to slaughter house. Which may	Shri. Sudhir Girakar, APO, Umrer Area, WCL, the representativeof the project proponent stated in reply to the above quotations that WCL is a public Sector undertaking and all environment aspects have been dealt in the presentation and would be implemented under the guidance of regulatory authorities and other Govt agencies. WCL give utmost importance to environmental matters and all appropriate air, water & noise pollution control measures will be taken during project implementation. Regarding reduction in water level and scarcity of water, Shri. Giradkar assured that the villages should not be afraid of because rainwater harvesting, artificial groundwater recharge etc, measures will be taken by WCL and also mine water discharge after treatment shall be provided to the villagers as and when required. In case of water scarcity in summer, clean and sufficient water will be	EMP Revenue Budget EMP Revenue Budget EMP Revenue Budget	Continuous activity Continuous activity Continuous activity	The mine has started its operation on 25/11/2016. Till date, 1,26,647 nos of saplings have been planted on plain land and OB dump. Details are given below: <table><tr><th>Location</th><th>No of plants</th><th>Area in Ha</th><th>Plantation site</th></tr><tr><td rowspan="2">Within ML Area</td><td>42,500</td><td>17</td><td>Plain land along ML Boundary</td></tr><tr><td>46,250</td><td>18.5</td><td>OB dump Area</td></tr><tr><td rowspan="2">Outside ML Area</td><td>29,592</td><td>24.938</td><td>Plain land along ML Boundary</td></tr><tr><td>8,305</td><td>13.34</td><td>Block plantation beside belt conveyor</td></tr><tr><td></td><td>1,26,647</td><td>73.565</td><td></td></tr></table> Plantation work is carried out through Madhya Pradesh Van Vikas Nigam.The species planted are Karanj, Jamun, Amla, Guava, Neem, Kala Sirus, Safed Sirus, Cassia, Shivan/Ghamar etc. Further on, as proposed in the EMP, plantation will be done on external OB clumps, backfilled area, along road sides, vacant land and township by planting native species in consultation with State Forest Department. Density of the plants will be maintained at 2500 plants per ha. Regular monitoring of ground water level from existing wells at 27 locations of Buffer zone and 02 piezometers in Umrer Colony is done for four times a year i.e. during pre-monsoon (May), monsoon (August), post-monsoon (November), and winter (January).	Location	No of plants	Area in Ha	Plantation site	Within ML Area	42,500	17	Plain land along ML Boundary	46,250	18.5	OB dump Area	Outside ML Area	29,592	24.938	Plain land along ML Boundary	8,305	13.34	Block plantation beside belt conveyor		1,26,647	73.565	
Location	No of plants	Area in Ha	Plantation site																								
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Outside ML Area	29,592	24.938	Plain land along ML Boundary																								
	8,305	13.34	Block plantation beside belt conveyor																								
	1,26,647	73.565																									

also be the reason for Environmental imbalance in the area. As the mining activity will start, due to diversions of Nallas, Canals, the land in the Buffers Zone area may get affected due to depletion of water level resulting into less agriculture produce. There is some Forest land in Sukali area of Gatgrampanchayat Hevati which is proposed for the project. Thus, there will be adverse impact on Environment due to cutting of trees on this forest land. Other than 4000 acre of acquired land due to downfall of water level the nearby lands will also be affected. Due to the project, the approach road for the farmers whose land is not proposed for the project maybe blocked. The rehabilitation of Hevati village should be in between Umred to Udasa on State Highway Umrer-Nagpur. There is MIHAN project being established at Nagpur which is very near from our village Hevati and we may get opportunity for exporting our agriculture produce. But, due to this proposed Coal Mine we are deprived from the same.	provided to the affected people/villagers. Regarding air pollution Shri. Giradkar told that pollution parameters of air, water & noise will be monitored by CMPDIL every fortnight, and if these parameters are found above permissible limit, immediate control measures shall be taken by WCL, to maintain the parameters within permissible limit. WCL have planned dense plantation within the mine area, installation of water sprinklers, effluent treatment plants etc, as pollution control measures. Regarding rehabilitation of Hevati village at Umrer-Nagpur highway, the matter can be resolved with the help of NGO, Villagers, District authorities and WCL officials. Due to opening of this new mine the surrounding villagers will be benefited with both direct employment in the Company and indirect employment in the ancillary units that would come up in the neighbourhood. He further stated that only the land identified in the project will be acquired/purchased	Expenditure on pollution control measures: Rs. 210.84 lakhs approx.		Quality of groundwater as per IS: 10500: 2012 is analyzed for 27 locations in Buffer zone once a year. Ground water level and quality monitoring report is sent to R.O., MoEF& CC, Nagpur and CGWA on regular basis. In addition, two nos of piezometers with telemetry are installed for continuous monitoring of ground water level. Fugitive dust emissions from all the dust generating sources are controlled by Fixed Water Sprinklers along weigh bridge, approach road & coal transportation road. Rain guns are provided at railway siding and Mist spray arrangement is provided at all transfer points of CHP to prevent the dust formation. In addition to fixed water sprinklers & rain guns, trolley mounted mist/fog generator; Mobile Water tanker/sprinkler are used in all three shifts for dust suppression at approach roads, haul roads, coal transportation roads and coal stock yard. The Fugitive dust is also monitored regularly and is kept under control. - Automatic tyre washing system is installed at main check post of Umrer Area. 2 No. of mobile water tankers of 20 KL capacity and 6 nos of 10 KL Capacity are in operation at haul road. 10 nos. of sprinklers provided at Railway siding. 12 nos. of sprinklers provided along coal stock approach and weigh bridge 24 nos. of sprinklers provided around coal stock yard 90 nos. of nozzles provided along coal transportation road. - After securing EC dated 26-05-2022, following additional measures were augmented for effective pollution control - One (1) no of truck mounted mist/ fog generator and spray nozzles are provided at Crusher. - A total of 10 no of trolley mounted fog cannon and 01 no. of truck mounted fog cannon have been provided at crusher, coal stock yards, haul roads for dust suppression. - RLS (Rapid loading system) with belt conveyor and Silo
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	Land of this area is very fertile and famous for the production of soybean, Wheat and gram. Due to the proposed coal mine, there will be reduction in the agriculture land and ultimately the reduction in the above said crops and may affect the economy. The technical aspects of diversion of Aam River, laying of Rly. Line, that mentioned in the EIA report could not be understand. Same may be explained by the competent authority by visiting the project site. Because of establishment of coal mine, there is reduction in agriculture produce as the cultivated land will be used for the project and we may be forced to import grain from the other countries. Instead of this, we may opt for import of coal so that our fertile land will be saved.	and will be used for mining & allied works and the rest of the land beyond the project land can be used for cultivation purpose as they are being used now. It was further informed that there will be no loss in production of crop due to coal mining activities as adequate control measures would be taken by WCL and this is not only the project of WCL but equally it is the project of villagers and farmers also.	R&R Policy of Company Provisions in PR for infrastructure is about Rs. 500 lakhs. Expenditure till date: Rs. 165 lakhs approx.	Estimated timeline: 01 year	System System is in operations since June 2025 for coal transportation. 232 nos.of mist nozzles has been provided in the RLS and the belt conveyor is covered with side cladding. - Truck mounted sweeping machine deployed. Four nos. of ambient air quality monitoring stations have been established in consultation with MPCB Officials. considering meteorological data, Topographical features and environmentally and ecologically sensitive targets which are as follows: - Manager office - Railway Weigh Bridge - Pipardol Village - Welsakara Village Two (2) Online Continuous Ambient Air Quality Monitoring Station has also been set up in consultation with MPCB and are in operation. The details as per the present status of land acquisition is as follows: - The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. - Land compensation paid till date: 373.41 Crore. - Monitory compensation paid: 34.58 Crore. - Rehabilitation of Hewati village is in process with capital provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway.
2	Shri. Sanjay Satyakar, Kanhan: The executive summary is not made available to project affected farmers. He also claimed that the	Shri. Sudhir Girdkar, APO, Umrer Area, WCL: As per Shri. Sanjay Satakar the reserve coal is 15 year in India, but as per GSI report	R&R Policy of Company		The details as per the present status of land acquisition is as follows: - The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos.

executive Summary has not covered all the aspects that covered in the executive summary of the upcoming Coal Mines in Kamptee area. He also told that, no farmers from the project area are present for the Public Hearing. It is said that the life of the mine is 35 years whereas as per International Report entire Coal in the World will get exhaust within 15-20 years, then how can be the life of this mine be 35 years. WCL authority should clarify. The land should be returned back to the original land owner after mining is over as the land is being acquired for the purpose of mining. He also raised the issue regarding lease of the land and sought clarification for difference between sale deed and lease deed. He also express his concern over the IPO's issued by the industries engaged in mining and wanted to know whether it involves the sale of land that acquired for mining activity from the farmers. How many employment will be generated is not clear. Information regarding social justification is not there in the report. How many farmers from SC/ST category be affected due to this	the country's coal reserve is around 90 billion tones and the reserve estimated in proposed Dinesh OCP is about 900 lakh tones and the production per annum envisaged is only 30 lakh tones and as such the reserve of Dinesh OCP will last for more than 30 years. These are all tenancy land and Govt of India is the owner of the land for which farmers pay the taxes to the Govt. Regarding employment, one employment will be given to land outsides against every 2 acre of land. If one land oustee has more than 2 acre, the same will be clubbed and only one employment will be given. If a land Owner does not want employment or a land Owner who have no person eligible for employment, he will be given monetary compensation in lieu of employment at the rate of Rs. 2 lakhs for 1st acre, and for 2nd acre of land 1.75 lakh and for 3rd acre of land Rs.1.5 lakh and so on for the subsequent acres of land. Rehabilitation of Hevati village will be done with the	Provisions in PR for infrastructure is about Rs. 500 lakhs. Expenditure till date: Rs. 165 lakhs approx. EMP Revenue Budget	Estimated timeline: 01 year Continuous activity	- Land compensation paid till date: 373.41 Crore. - Monitory compensation paid: 34.58 Crore. - Rehabilitation of Hewati village is in process with capital provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway. The mine has started its operation on 25/11/2016. Till date, 45,000 nos of saplings have been planted on plain land and OB dump. Details are given below: <table><tr><th>Location</th><th>No of plants</th><th>Area in Ha</th><th>Plantation site</th></tr><tr><td rowspan="2">Within ML Area</td><td>42,500</td><td>17</td><td>Plain land along ML Boundary</td></tr><tr><td>46,250</td><td>18.5</td><td>OB dump Area</td></tr><tr><td rowspan="2">Outside ML Area</td><td>29,592</td><td>24.938</td><td>Plain land along ML Boundary</td></tr><tr><td>8,305</td><td>13.34</td><td>Block plantation beside belt conveyor</td></tr><tr><td></td><td>1,26,647</td><td>73.565</td><td></td></tr></table> Plantation work is carried out through Madhya Pradesh Van Vikas Nigam.The species planted are Karanj, Jamun, Amla, Guava, Neem, Kala Sirus, Safed Sirus, Cassia, Shivan/Ghamar etc. Further on, as proposed in the EMP, plantation will be done on external OB clumps, backfilled area, along road sides, vacant land and township by planting native species in consultation with State Forest Department. Density of the plants will be maintained at 2500 plants per ha. Mine discharge water is the primary source of water for all the industrial purposes. Mine water is collected in sump of capacity 93 Million gallons in the quarry area of mine. This sump allows settlement of suspended particles present in water. The supernatant from these sumps	Location	No of plants	Area in Ha	Plantation site	Within ML Area	42,500	17	Plain land along ML Boundary	46,250	18.5	OB dump Area	Outside ML Area	29,592	24.938	Plain land along ML Boundary	8,305	13.34	Block plantation beside belt conveyor		1,26,647	73.565	
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	8,305	13.34	Block plantation beside belt conveyor																							
	1,26,647	73.565																								

project is not mentioned in the report. No information regarding Mine Water utilization is there in the report. It seems that the mining water is discharge into Nalla, River. However in the report it is mentioned that, the same will be utilized for irrigation & drinking purpose. He asked that WCL authority should show him, how much water is utilized for drinking purpose by their Colonies and by the nearby Local Bodies. He asked that whether there is any Policy for Supplying Electricity at the subsidized rate to the project affected persons as the coal mined from their land will be utilized mainly for generation of Electricity. He also raised issue regarding selection of land of this area for mining purpose. Whether the land is selected/proposed by WCL/Revenue Dept /Environmental Dept. same should be clarified. He also stated that the purpose of the WCL is to extract Coal only and land could be given back to the Original farmers after extraction of Coal by refilling it. He also stated that, the Coal India in the form of Western Coal Fields Ltd, is working in the State	help of NGO's, village committee, WCL and guide lines Maharashtra Govt. will be followed strictly for providing all the basic commodities. Till date regular pollution control measures are being taken in respect of air, water, noise in the coal mines of WCL and no problem has occurred since last 45 years. Massive afforestation has been done in the coal mines of Umrer Area. As mentioned in the presentation, adequate plantation will be done in proposed Dinesh mine site also.			is then pumped out on surface and fed into the surface sedimentation tank. This mine water is used for industrial purposes such as dust suppression, fire fighting and plantation etc.
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	of Maharashtra only. However, in the State of Andhra Pradesh, the State govt. it self is engaged in this activity. Then what is the necessity of WCL for mining of Coal in this area. No plantation found in the surrounding mining area. He also asked the question regarding payment of Property Taxes levied on the houses of the project affected persons. Whether taxes will be borne by WCL.				
3	Dr.Shambharkar, Hevti: The declared price of land is very less. In this amount the farmer are not able to purchase the land in other area for agriculture purpose. He wanted to know the views of Hon'ble Chairman of the Public Hearing that, whether the farmer should give their land for the project at the declared rate or otherwise. One employment will be given for 2 acres of land. If any person is having 10 acres of land whether his 4 sons or dependent will get employment or not. Land should be acquired as per the requirement and rest to be left for cultivation. After implementation of section 4 from which year registration	Shri. Sudhir Giradkar, APO, Umrer Area, WCL: The value of land are given as per the rules laid down by the Govt. of Maharashtra from time to time. If the 7/12 is having in different names, then the service/employment will be given accordingly. There is no provision in LA & CBA Act, for part acquisition of land. The resettlement and rehabilitation will be taken up by NGO's with the help of WCL authority and gram sabha & State Govt. Coal can't be shifted from it reserve and it is a national	R&R Policy of Company	Not applicable	Land compensation paid till date is Rs. 346.59 Crore, the rate considered as per the Govt. Of Maharashtra. The details as per the present status of land acquisition is as follows: - Land notified u/s 9(i) of CBA Act vide Gazette notification dated 11.08.2012. - The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. - Land compensation paid till date: 373.41 Crore. - Monitory compensation paid: 34.58 Crore. - Rehabilitation of Hewati village is in process with capital provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway. There is no provision in LA & CBA Act, for part acquisition of land. The resettlement and rehabilitation is being taken up as per the guidelines of NGO and R&R Policy of CIL.

	transfer/purchase of land will be considered. Rehabilitation of the village may be done within 5 to 6 Kms from the mine so that remaining land be cultivated by the farmers. The meeting has been attended by the district administration only and no public representative is present. It is demanded that R&R benefit like service etc., to be handed over at the time of possession of land simultaneously.	property and mine can't be shifted to other places as coal is available only at particular places.			
4	Villagers from Makardhokda: He told that his 15 Acres of land will be acquired for the project and his emphasis that the rates of the land be discussed as other issue are not of that much importance. He expressed that the land cost in the area is about Rs.8 to 10 lakhs/Acre. But the farmer may get only Rs.50,000/- to 60,000/- per Acre if their land is acquired for the Coal mine. Farmers are not in a position to purchase alternative land for agriculture purpose because of its high cost ranging from 8 to 10 lakhs per Acre in the nearby area.	Hon'ble Chairman has clarified that the point raised by you is noted and it will be the part of the minutes to be submitted to the Govt.	R&R Policy of Company	Not applicable	Land compensation is provided as per the rates in MSGR. Land acquired for the mining purpose at the rate of Rs. 6 to 10 lakhs per acre depending upon the nature of land.
5	Shri. DomajiSrikhande, Makardhokda: He told that because of this mine there will be increase in the	The WCL representative replied that there will be the activity of excavation of Coal and not the burning of coal	EMP Revenue Budget	Continuous activity	The mine has started its operation on 25/11/2016. Till date, 45,000 nos of saplings have been planted on plain land and OB dump. Details are given below:

temperature of the area. Now a days Global Warming is widely discussed issue. Whether WCL has any mitigate measures for the same. WCL is offering jobs to the project affected persons in the Underground Mines located at somewhere else instead of in local mines. He further told that WCL authorities used to claim that Water table in the nearby area of mine is increased. He further told that it is very difficult to believe the statements and assurances of WCL authorities including job offers. He also expressed his concern about the cutting of trees that will occur on the project area. WCL authorities are not implementing effective tree plantation program. He told that the water level will go down due to mining activity resulting into scarcity of water for cultivation of remaining land. WCL is paying only Rs.50,000/- per acre of land and Rs.30,000/- as interest. The cost of land should be linked up with the cost of coal Produced per Acre of land and the profit from the Coal sale. He also told that the options of producing Solar Energy, import of Coal etc., are available and hence the same may be	and hence the question of Global Warning does not arises. He further clarified that there is a provision of planting & maintaining 27 lakhs of plants in the surrounding areas to prevent globe warming and in this process 70 to 80% of survival of trees is possible and hence we should not be afraid of increasing global warming at the surrounding areas. In this regards Chairman of the public hearing Shri. Dhiware, SDO Umrer also expressed his anxiety regarding increased global warming and advised WCL to take proper care for the same.	EMP Revenue Budget	Continuous activity	<table><tr><th>Location</th><th>No of plants</th><th>Area in Ha</th><th>Plantation site</th></tr><tr><td rowspan="2">Within ML Area</td><td>42,500</td><td>17</td><td>Plain land along ML Boundary</td></tr><tr><td>46,250</td><td>18.5</td><td>OB dump Area</td></tr><tr><td rowspan="2">Outside ML Area</td><td>29,592</td><td>24.938</td><td>Plain land along ML Boundary</td></tr><tr><td>8,305</td><td>13.34</td><td>Block plantation beside belt conveyor</td></tr><tr><td></td><td>1,26,647</td><td>73.565</td><td></td></tr></table> Plantation work is carried out through Madhya Pradesh Van Vikas Nigam.The species planted are Karanj, Jamun, Amla, Guava, Neem, Kala Sirus, Safed Sirus, Cassia, Shivan/Ghamar etc. Further on, as proposed in the EMP, plantation will be done on external OB clumps, backfilled area, along road sides, vacant land and township by planting native species in consultation with State Forest Department. Density of the plants will be maintained at 2500 plants per ha. Regular monitoring of ground water level from existing wells at 27 locations of Buffer zone and 02 piezometers in Umrer Colony is done for four times a year i.e. during pre-monsoon (May), monsoon (August), post-monsoon (November), and winter (January). Quality of groundwater as per IS: 10500: 2012 is analyzed for 27 locations in Buffer zone once a year. Ground water level and quality monitoring report is sent to R.O., MoEF& CC, Nagpur and CGWA on regular basis. In addition, two nos of piezometers with telemetry are installed for continuous monitoring of ground water level.	Location	No of plants	Area in Ha	Plantation site	Within ML Area	42,500	17	Plain land along ML Boundary	46,250	18.5	OB dump Area	Outside ML Area	29,592	24.938	Plain land along ML Boundary	8,305	13.34	Block plantation beside belt conveyor		1,26,647	73.565	
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	8,305	13.34	Block plantation beside belt conveyor																							
	1,26,647	73.565																								

	considered to save our land and Coal in the proposed land shall be kept as it is.				
6	Shri. Bajare, Makardhokda: He told that the Environment should be protected by all means. He further told that the land in this area is fertile and giving yield of about Rs. 1 lacs/Acre and employment generation in the agriculture is much more than that of Mining Industry. We are not at all interested in giving our land for the project as we are already facing the problem of Pollution, depletion of water level due to blasting activity in the nearby existing Coal Mines. He further told that if they get the rate of land more than 25 Lakhs/Acre, then only they will think about giving land for the project. Shri. P.R. Ramteke, Umrer: He expressed his concern over the job offered by WCL in other mines of WCL and its procedure. Shri. Aniruddha Dharkar, Hevti: He asked the question whether any Officers from Environment Dept. Govt of Maharashtra is present here for the Public Hearing. Shri. Aniruddha Dharkar, Hevti:	The WCL representative: That unless land is being acquired production can't be started and after 3 years of acquisition of land production will start and this production cannot be possible before Dec, 2014 and the whole system is at the hands of the local population as well as district administration who may kindly help in this regards for development of this project. Convener of the Public Hearing Shri. N.G.Nihul replied that the as per EIA notification dated 14th September-2006, District Collector or his nominee is the Chairman of the hearing and representative of M.P.C.Board is the member of the Public Hearing Panel. Hon'ble Chairman of the Public Hearing told that the views of the participants will be recorded. Demand of appropriate land cost from the farmers and other sensitive issues will be highlighted.	EMP Revenue Budget R&R Policy of Company	Continuous activity Not applicable	After land acquisition mine operation was started from 25/11/16. Regular monitoring of ground water level from existing wells at 27 locations of Buffer zone and 02 piezometers in Umrer Colony is done for four times a year i.e. during pre-monsoon (May), monsoon (August), post-monsoon (November), and winter (January). Quality of groundwater as per IS: 10500: 2012 is analyzed for 27 locations in Buffer zone once a year. Ground water level and quality monitoring report is sent to R.O., MoEF& CC, Nagpur and CGWA on regular basis. In addition, two nos of piezometers with telemetry are installed for continuous monitoring of ground water level. Till date there has not been any report regarding depletion of ground water in nearby villages. Till date, as per CIL R&R policy, 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos.

He raised the objection for the Public Hearing stating that the procedure for purchase of land is already started. Then this Public Hearing is being conducted against the Natural justice. He further wanted to know whether rehabilitation in true sense is done before acquiring the land. He further told that, the answer Environmental related questions by the concern authorities. He also stated that, sufficient plantation is not done by WCL in the area of existing mines. He further told that there are standards for Water, Air and Noise Pollution Control. But what about Social Environment that adversely affect due to such projects. He further told that the Haryana Govt. has given Rs.66 Lakhs/Acre rate to the farmers while acquiring the land for the projects and appealed to the participants for demanding Rs.50Lakhs/Acre as the rate of land. A lady from nearby village: She enquired about the date of completion of this project and when the affected person will get employment. She also told that, the experience of project affected persons is not encouraging particularly in giving the employment promptly.				
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6	Shri. BikajiBhoyer, Sarpanch, Hevti : He told that there are three dams at Makardhokda, Hevti and Paradgon. There will be diversion of Canal due to proposed project which may affect our irrigation of remaining land. What arrangement will be made by the authorities in this matter shall be clarified. He further demanded that the land cost shall be paid in single instalment and rehabilitation shall be done at the same time. Shri. KundlikBobade, Grampanchayat Member Sirpur: He told that due to blasting in the existing mines they are facing problem of vibration and water Pollution Problem and WCL authorities are not taking any remedial measures. Shri. Vijay Ambore, Dy. Sarpanch, Makardhokda: He told that village Makardhokda is very close to the proposed site and may face the problems of Water, Air and Noise pollution and requested not to grant Clearance to this project. I am demanding this on behalf of GrampanchayatMakardhokda. Shri. Shankar BhauraoDhage, Hevti: He told that he has forgotten to point out one important issue	Hon’ble Chairman directed the WCL authorities to look into matter on priority.	R&R Policy of Company	Not applicable	Till date there has been no diversion of river/ Canals. Land compensation paid till date is Rs. 346.59 Crore, the rate considered as per the Govt. Of Maharashtra. The details as per the present status of land acquisition is as follows: - Land notified u/s 9(i) of CBA Act vide Gazette notification dated 11.08.2012. - The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. - Land compensation paid till date: 373.41 Crore. - Monitory compensation paid: 34.58 Crore. - Rehabilitation of Hewati village is in process with capital provision of Rs. 35.92 crore. The rehabilitation site of 18.66 ha has been allotted near Udasa village on Umrer- Nagpur Highway. Controlled blasting techniques with use of delay detonators are being practiced to control the ground vibration and to arrest the fly rocks. Controlled blasting technique as permitted by DGMS is adapted. Survey is being carried out in nearby village by project authorities. The mine has started its operation on 25/11/2016. Till date, 1,26,647 nos of saplings have been planted on plain land and OB dump. Details are given below:																	
			Departmentally done	Continuous activity																		
			EMP Revenue Budget	Continuous activity																		
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	related to environment i.e, on South side of the proposed project in Kathara – Makardhokda area on Makardhokda-Butibori State Highway near railway line on east side of village Makardhokda there is dense Teak and Bamboo forest and due this proposed Coal mine project, the same may get affected and may cause environmental imbalance. Hence he opposed the project. Shri. NilkanthUpase, Umrer: He told that since last 40 years i.e. since acquiring of their land by WCL, about 50 farmers are facing the problem of approach road due to existing mines. The officials of WCL are resisting to use the road creating hurdles on its use.				<table><tr><td></td><td></td><td></td><td>belt conveyor</td></tr><tr><td></td><td>1,26,647</td><td>73.565</td><td></td></tr></table> Plantation work is carried out through Madhya Pradesh Van Vikas Nigam.The species planted are Karanj, Jamun, Amla, Guava, Neem, Kala Sirus, Safed Sirus, Cassia, Shivan/Ghamar etc. Further on, as proposed in the EMP, plantation will be done on external OB clumps, backfilled area, along road sides, vacant land and township by planting native species in consultation with State Forest Department. Density of the plants will be maintained at 2500 plants per ha.				belt conveyor		1,26,647	73.565	
			belt conveyor										
	1,26,647	73.565											
7	One of the Participants from nearby Village: He told that due to diversion of Canals that proposed in the upcoming project will affect the irrigation of their remaining land and may become un-irrigated land. Also apprehended that due to dumping of Over Burden there will be no approach to their agricultural fields. One of the Participants from nearby Village: He raised issues like employment of 10,000 labours affected by the proposed project and long pending issue which are not	Shri. Sudhir Giradkar, APO, Umrer Area, WCL: One job has already given to their family member being single 7/12 extract. However, WCL authority have sympathetic consideration in such cases and if the prevailing rules allows for offering job to another member of his family, the same will be considered. Hon’ble Chairman clarified that if someone is aggrieved on account of employment, he may approach to the Court	R&R Policy of Company	Not applicable	Till date there has been no diversion of river/ Canals. Employments have been given as per the extract of 7/12 and Govt. rule. The details as per the present status of land acquisition is as follows: - Land notified u/s 9(i) of CBA Act vide Gazette notification dated 11.08.2012. - The R & R benefits for 1441 (including Monetary. compensation) against 1632 Ha approved by WCL Board. 1060 nos. of Employment provided and monetary compensation to 167 families provided. Total: 1227 nos. - Land compensation paid till date: 373.41 Crore. - Monitory compensation paid: 34.58 Crore.								

resolved by the WCL authorities. Till then no clearance be granted to this project. Shri. Chaitmani Pallean, Sirpur: He told that his land is acquired 10 years back. But still no employment is given to him by WCL. WCL is not giving proper response in this behalf. He further told that there are number of similar cases. Shri. Janardan Muley, Kanwa: He told that 06 acre of his land was acquired for the existing coalmine. But still, he has not got the compensation of land and also no employment given to his brother as demanded till to date. He further told that till the pending issues are not resolved by WCL authorities, the land for the new project will not be given and then no clearance be granted to this project. Shri. Ganesh Puri, Makardhokda: He told that the agriculture land should not be used for coal mining considering the need of food grain. Shri. Nirajan Giradkar, Gangapur: He told that as per rule nobody could make someone landless due to establishment of any of the project.	of law to get justice. He further clarified that if there is no provision of offering job to two family members on single 7/12 extract, the WCL authority may not consider their request.			
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Status of Work at Hewati Rehabilitation Site

Sr. No.	Name of Work	Current Status of Work	Likely Date of Completion of the Work
1.	Construction of Primary /Middle School village	Completed	
2.	Construction of Anganwadi Building (2 Nos).	Completed	
3.	Construction of Primary Health Centre Hewati Village	Completed	
4.	Construction of Tube Well and Supply & Installation of Submersible pump 4 Nos	Completed	
5.	Construction of Samaj Bhawan	Completed	
6.	Construction of Gram Panchayat Bhawan Hewati Village	Completed	
7.	Construction of 8 Nos. Hand Pumps at Hewati Village	Completed	
8.	Supply and grouting of boundary pillars at Hewati	Completed	
9.	Construction of bus stop at Hewati Village	Work awarded and construction will be commenced after the completion of Embankment of approach road.	31.07.2026
10.	Construction of Overhead Tank for drinking water at Hewati	Work in Progress	29.05.2026
11.	Construction of Samshan shed at Rehabilitation site of Hewati Village	Completed	
12.	Construction of approach road at Hewati Village	Work is in progress	30.06.2026
13.	Construction of internal road and road side drain	Work in Progress	30.11.2026
14.	Construction of Main entrance Gate at Hewati Village	Work awarded and construction will be commenced after the completion of Embankment of approach road.	31.07.2026
15.	Construction of Konwada at Hewati Village	Completed	
16.	Internal Main pipeline at Hewati Village	Completed	30.07.2026
17.	Construction of Market Shade at Hewati Village	Completed	
18.	Construction of Veterinary Hospital at Hewati	Completed	
19.	Construction of Gymkhana at Hewati Village	Completed	
20.	Numbering work on Pillars	Work Completed	

CSR 2025-26 Umrer Area - Audited 2025- 2026

S No.	CSR Activity Details	Sanction Amount in	Final Sanction Value kept amount (after Surrender)	WO value (Rs Lakh) Includes	Expenditure (Rs)	PO	Status
1	Swachta Activities	3.5	3.5	3.45	344016.58	5600091960 5800344714	1) Swachta Pakhwada Bill Submitted for Rs 82601/- Work completed 2) Fogging machine Through GeM Rs 86679/-, Work Completed 3) Hand Wash Station 1.327 Lakh - Work completed 4) Swachta He Sewa Bill submitted for Rs 17740/- Work completed 5) Swachta items for school 24921/- work completed
2	Organizing Medical Camps at nearby villages of mines and also providing service under CSR	5	5	4.83	483702	5800331893	Work order of Rs. 4,49,282 issued to KAPL- completed Medicine for Tribal school-Skin disease camp- Rs 13728/- completed Medical camp Cancer Rs 20,871- completed
3	Providing 8 nos. Smart Class equipment to Schools Near Umrer Area ZP Rajuwadi-1, ZP Kalamna-1, ZP Bhagwanpur-1, Ashramshala Tribal Udasa- 2, ZP Dhammangoan-1, ZP Dahegaon -1, ZP Kanva -1	10.5	10.5	10.48	1047840	5800349356	Work order issued Rs 10,47,840 Work completed
4	Making drinking water provision by providing RO plant at Hewati Village of Hewati grampanchayat (Room already available)	7	5.7	5.53	552943	5600089538	Work Order - Rs 5,43,707.49 , Work completed RE under process
5	Making stage for cultural activities/wholistic development of students at ZP Dahegaon school	3	2.18	2.17	216271	5600089195	Work Order Rs 2,07,537.56, Work Completed RE under process
6	Providing and fixing paver block and making structural steel at Jawahar Vidyalaya of Makard Umrer Area.	11	6.55	6.32	632844	5600089087	Work Awarded Rs. 6,31,052.85 , Work completed RE under process
7	Solar Panel for RO plant facility of Ghoturli village of Waigaon Ghoturli Grampanchayat	10.5	8.5	8.5	849954	5700482238	Work Awarded For 3 solar projects sl no. 7,8,9 for Rs 849954/-, Work Completed
8	Solar Panel for ZP school Kanva village Shirpur Grampanchayat						Work Awarded For 3 solar projects sl no. 7,8,9 for Rs 849954/- Work Completed
9	Solar Panel for RO plant facility at Bhagwanpur village of Bhagwanpur Grampanchayat						Work Awarded Rs 9,11,764.53 , Work completed
10	Making drinking water provision by providing RO Plant with Solar Panel for Nand Village of f	11	9.58	9.57	957218	5600092259	Work Awarded Rs 4,00,041.52.00, Work completed, RE under process
11	Making stage for cultural activities/wholistic development of students at ZP Saiki school of S	5	4.28	4.28	427625	5600089194	Work Awarded Rs 5,46,459.70, Work Completed RE under process
12	Making Toilet and Handwashing facility at ZP Saigaon of Bhagwanpur Gram Panchyat	8.5	5.74	5.64	564748	5600089950	Work Awarded Rs 5,95,936.45 , Work Completed RE under process
13	Making Toilet and Handwashing facility at ZP Kharkhada of Bhagwanpur Grampanchayat	8.5	6.25	5.91	591303	5600089944	Work Awarded Rs 2,24,275.77 , Work completed, RE under process
14	Providing Solar Pump and associated tank at Besur village of Besur Grampanchayat	0	2.35	2.24	224275	5600092201	Work Awarded Rs 9,56,971.50 , Work completed, RE under process
15	Making drinking water provision by providing RO plant for Saigaon Village Bhagwanpur of G	11	10.04	9.65	985360	5600089942	Work Awarded Rs 9,77,559.73 , Work Completed Work completed, RE under
16	Making drinking water provision by providing RO plant for Kharkhada Village of Bhagwanpur	11	10.26	9.01	901141	5600089951	Work completed
17	56 Cycle for students of ZP school ZP Nand of Nand Grampanchayat	3	2.324	2.324	232344	5800344689	Work Awarded Rs 4,14,432.90 , Work completed, RE under process
18	Open air gym equipment at Borebatti of Waigaon Ghoturli Grampanchayat	0	4.35	4.35	434958.00	5600091985	Work Completed for 6 for Rs 7,44,015 Order issued from GeM 2 no. RO for Rs. 120,000
19	Drinking water facility for public by providing 8 nos. water purifier at police station Bhiwapur (1 no), Land Record Office at Bhiwapur (1 no), Land record office at Umred (1), and students of ZP Dhammangao (1), ZP Besur (1 no), ZP Khursapur (1 no), ZP Welsakhra (1 no), ZP Nand Primary (1 no.) respectively	10.5	10.5	9.84	744015	5800371716	Work Awarded Rs 2,68,002.55 , Work Completed
20	Making Bus-Stand at Nand Village of Nand Grampanchayat	3	2.82	2.67	266500	5600092258	Work Awarded Rs 9,24,291.76 , Work completed, RE under process
21	Making drinking water provision by providing RO plant at Chichala Village with Solar Panel in Chichala Grampanchayat	11	9.71	9.51	951709	5600092285	Work completed
22	Making drinking water provision by providing RO plant for APMC market Bhiwapur	0	3.66	2.85	284868	5600096438	Work completed
23	Water cooler cum purifier to Poilice station Umred	0	0.48	0.47	46700	5800379358	
Total (A)		145	124.27	120.59	11820356		
		Total (B)					Remark
		2	2	0.6	0		Work order issued from GeM
S No. Panchtatva		6.5	2.65	2.55	26500	5700459406	Work completed
1) Installation of RO purifier at Jawahar school							UC received
2) Installation of Solar pane: at Jawahar school							Work Completed
3) Providing Nutrition kit for students at Jawahar School, ZP Pachgaon School, ZP school Nand		18	15	16	1600000		Work order issued from GeM
4) Installation of RO Purifier at ZP school Nand		2	2	0.6	0		

Total (B)	26.5	22.65	19.85	1865001	
	171.5	146.92	140.44	13685357	
Total (A+B)					
Rs. 28,70470 surrendered as part of Savings in 1st phase under CSR 2025-26					
Reverse Liability of 2024-25				49352	
				Total	13636005.50

[Signature]
 AFM
 Umrer Area
 23/4/2026

[Signature]
 ANO (Env)
 Umrer Area
 24.04.2026

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 AMO
 Umrer Area
 23/4/26

[Signature]
 SO (C)
 Umrer Area
 23/04/26

[Signature]
 AHRM
 Umrer Area
 23/4/26

[Signature]
 Area General Manager
 Umrer Area
 23/04/2026



वेस्टर्न कोलफील्ड्स लिमिटेड/Western Coalfields Limited

मिनिरातन कम्पनी (A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626

क्षेत्रीय महाप्रबन्धक का कार्यालय, उमरेर क्षेत्र

पता: वे को लि., उमरेर क्षेत्र, को: उमरेर, जिला-नागपुर, महाराष्ट्र, पिन-441104

Email: apmwclua@gmail.com

कार्मिक विभाग (Personnel Department)

Address: WCL, Umrer Area, PO-Umrer, Dist: Nagpur, MS, PIN-441104

Fax: 07116-247374, Phone: 07116-247429, 07116-247374

सन्दर्भ सं: वेकोलि/उमरेर/कार्मिक/2023-24/ 179

दिनांक: 22-07-2024

प्रति,

विभागाध्यक्ष (कल्याण/सीएसआर)

वेकोली मुख्यालय, नागपुर

विषय : सी.एस.आर Audited Expenditure रिपोर्ट 2023-24

महोदय,

The details regarding the expenditure of the Umrer area are being submitted. The total expenditure is 59.43 Lakhs. The details are mentioned in the attached annexure I.

भवदीय

[Signature]

क्षेत्रीय कार्मिक प्रबंधक

उमरेर क्षेत्र

प्रतिलिपि :-

- 1) महाप्रबंधक (संचालन), उमरेर क्षेत्र
- 2) क्षेत्रीय कार्मिक प्रबंधक, उमरेर क्षेत्र
- 3) क्षेत्रीय वित्त प्रबंधक, उमरेर क्षेत्र
- 4) क्षेत्रीय चिकित्सा अधिकारी, उमरेर क्षेत्र
- 5) अमला अधिकारी (सिविल), उमरेर क्षेत्र
- 6) अमला अधिकारी (वि एवं यां), उमरेर क्षेत्र
- 7) क्षेत्रीय नोडल अधिकारी (पर्यावरण), उमरेर क्षेत्र
- 8) उप प्रबंधक (सी.डी.), उमरेर क्षेत्र
- 9) प्रबंधक (वित्त), उमरेर क्षेत्र - बिल सीएसआर
- 10) अमला अधिकारी (एम.एम), उमरेर क्षेत्र
- 11) अधिनस्त अभियंता (सिविल), उमरेर क्षेत्र
- 12) अधिनस्त अभियंता (सिविल), उमरेर उपक्षेत्र

Name of Area : Unner Area

Audited CSR Expenditure Report 2023-24

Particular	Fund Details
Initial Sanction	Rs (Lakh)
Surrendered	6849000
Final Sanction	765000
Expenditure 2023-24	6084000.00
Fund Utilised(%)	5943555
	98%

#	CSR Activity Detail	Sanctioned Budget (In Rs)	Work Order Value (In Rs)	Expenditure (In Rs)	Current Status
1	Providing 1 No. Smart Class and digital content for Gurukul Ashramshil School at Ulasa Village	238000	238000	238000	Carry Forward Activity Completed
Total I		238000	238000	238000	

1	Swachh Action Plan Activities	200000	199991	199991	Work Completed
2	Medical Camps in nearby villages Cancer Detection, Osteoporosis, etc	200000	199897	198400	Work Completed
3	Providing Water Cooler with in-built safe water arrangement for ensuring potable water for students to reduce water borne diseases for 6 nos. ZP School (ZP School Lohara, Kalamna, Dhavda, Kanvha, Pahani, Nagar parishad Waghmare School)	600000	593100	593100	Work Completed
4	Providing Smart Class equipment for 3 ZP schools (Shirpur, Waigaon-Ghoturli & Pahani) of through Nomination(EdCIL -PSU) or GeM portal	750000	630000	630000	Work Completed
5	Providing of Sanitary Pads/ Incinerator Machine/Vending Machine for improved hygiene and health for Girl Students in Educational Institution and Rural hospital through HLL Life care (, -SU)	300000	299999.99	300,000	Work Completed
6	Providing nutritional Support to Pregnant women in co-ordination with Rural hospital Umred(State Govt) to improve Mother and Child health	400000	394002	394002	Work Completed
7	Providing TV Screen for spreading awareness of various IEC activities to patients visiting Rural hospital Umred (State Govt)	150000	140500	140500	Work Completed
8	Installation of solar pump & making water collection point for villagers in Polgaon- Bhagwanpur(GP)	300000	301596.79	300000	Work Completed
9	Construction of Toilet and Handwashing Station for school students at ZP school Kanwa-Shirpur(GP)	600000	462321.64	474592	Expenditure booked after R.E. approval, Work Completed
10	Access to Potable Water for reducing water borne diseases by providing RO treated water along with water supply arrangement for Bhagwanpur Villagers	1000000	690356.4	705106	Expenditure booked after R.E. approval, Work Completed
11	Access to Potable Water for reducing water borne diseases by providing RO treated water along with water supply arrangement for Sayki Villagers	1100000	922359.98	1006064	Expenditure booked after R.E. approval, Work Completed
12	Solar Pump on Existing borewell for supplying water for Villagers in Besur	500000	364069.18	321159	Work Completed Expenditure for activity is Rs.326105/-, but GST of Rs 4946 has been booked in April 24. Hence, Rs 321159/- mentioned as expenditure
13	Support to SHGs by providing machinery/appliance to improve for their livelihood activity	400000	338016	338016	Work Completed
14	17 nos. Bi-Cycle distribution to School Students of Khandjhari Village- Piraya (GP)	111000	108630	108630	Work Completed
Total II		6611000	5644840	5707560	
Total I + II		6849000	5882840	5945560	

Liability Reversal/Payment		
S.NO.	Activity	Liability Reversal and Payments
1	Development of Borewell at Bhagwanpur	-2005
Total III		-2005

Total expenditure for 2023-24	
Grand Total (I+II+III) Expenditure as per GL account in 2023-24	5943555

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APM
Unner Area

22.4.2024



वेस्टर्नकोलफील्ड्सलिमिटेड/Western Coalfields Limited

मिनिरत्नकम्पनी (A Miniratna Company)

कोलइंडियालिमिटेडकीअनुषंगीकम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626

क्षेत्रीयमहाप्रबंधककाकार्यालय, उमरेरक्षेत्र

कार्मिकविभाग (Personnel Department)

पता: वे.को.लि., उमरेरक्षेत्र, पो. उमरेर, जिला नागपुर, महाराष्ट्र, पिन. 441204

Address: WCL, Umrer Area, PO: Umrer, Dist: Nagpur, MS, PIN: 441204

Email: apmwclua@gmail.com

Fax: 07116-247374, Phone: 07116-247429, 07116-247374

सन्दर्भसं: वेकोलि/उमरेर/कार्मिक/2023-24/ 229

दिनांक: 29-04-2023

09/05

प्रति,

विभागाध्यक्ष (कल्याण/सीएसआर)

वेकोली मुख्यालय, नागपुर

विषय : FY 2022-2023 सी.एस.आर. Expenditure रिपोर्ट

महोदय,

The details regarding the expenditure of Umrer area are being submitted. The details are mentioned in below Table 1.

भव दी य

क्षेत्रीय कार्मिक प्रबंधक

उमरेर क्षेत्र

प्रतिलिपि :-

- 1) महाप्रबंधक (संचालन), उमरेर क्षेत्र
- 2) क्षेत्रीय कार्मिक प्रबंधक, उमरेर क्षेत्र
- 3) क्षेत्रीय वित्त प्रबंधक, उमरेर क्षेत्र
- 4) क्षेत्रीय चिकित्सा अधिकारी, उमरेर क्षेत्र
- 5) अमला अधिकारी (सिविल), उमरेर क्षेत्र
- 6) अमला अधिकारी (वि एवं यां), उमरेर क्षेत्र
- 7) क्षेत्रीय नोडल अधिकारी (पर्यावरण), उमरेर क्षेत्र
- 8) उप प्रबंधक (सी.डी.), उमरेर क्षेत्र
- 9) प्रबंधक (वित्त), उमरेर क्षेत्र - बिल सीएसआर
- 10) अमला अधिकारी (एम.एम), उमरेर क्षेत्र
- 11) अधिनस्त अभियंता (सिविल), उमरेर क्षेत्र
- 12) अधिनस्त अभियंता (सिविल), उमरेर उपक्षेत्र

Table 1: Activities of CSR FY 2022-23

Sl No.	CSR activity Details	Sanction CSR Budget(Rs Lakhs)	Expenditure (Rs) Booked	Expenditure Booked for RE and Liability	Total Expenditure for FY 2022-23(Rs)	Remarks
1	Swachtha Action Plan activities	1.50	146023.29	0.0	146023.29	
2	Medical camps related to Osteoporosis, Cancer Detection,etc.	2.00	199120.72	0.0	199120.72	
3	1 no. RO Plant at polgaon Village	8.78	827094.99	46128.08	873223.07	RE approved
4	1 no. Ro Plant at Kanvha Village	5.01	462212.94	36856.7	499069.64	RE approved
5	Gym equipment at Shirpur Village	1.13	112549.01	0.0	112549.01	
6	2 no.Solar Pump in existing handpump and associated tank along with stand at Bhagwanpur	8.97	845648.77	50738.58	896387.03	RE approved
7	1 no.RO plant at ZP school Kalamna,RO plant at ZP school khursapur-Lohara.Nagar parishad school Waghmare	1.10	109186.46	0.0	109186.46	
8	Solar lamp post at Besur Village	1.50	134520	0.0	134520	
9	6 nos. handpump at Murpar Village	6.46	551882.17	75426.5	627308.67	RE approved
10	1 no. Solar pump, borewell and associated tank along with stand at Shivapur(Bandar)	5.46	495969.32	34760.64	530729.96	RE approved
11	35 no. Bi-cycle for school students	1.82	178500	0.0	178500	
12	1 No. borewell along with Solar Pump at Sayaki Village (Sanctioned in Oct 2022)	10.00	938203.27		938203.27	RE approved
New Activities						
13	Smart Class equipment at Udas Ashramshala	2.40	0.0	0.0	0.0	Carry Forwarded
14	Borewell development at Bhagwanpur Village	0.91	0.0	899943.88	899943.88	Booked in Liability
	Total(A)	57.04	5000910.06	333854.06	5334765	

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RE payments Within Sanction

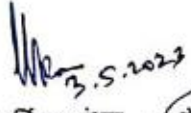
S No.	Activity	Liability reversal & payments
1	Construction of Public Toilet at Makardhokda	94,613.19
2	RO plant at Khadsangi and Ambdi(B) village	7922.81
3	Toilet Construction at ZP Nand	109561.23
	Total(B)	212097.23

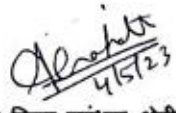
Liabilities Reversal/Payments

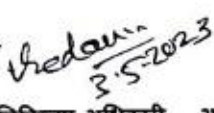
S No.	Activity	Liability reversal & Payments
1	RO plant at ZP Shirpur	-1307.88
2	GI Pipeline Pahami	-527.45
3	Green haat	-65410.81
	Total(C)	-67246.14

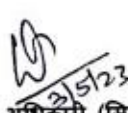
Total Expenditure for FY 2022-23(Rs)

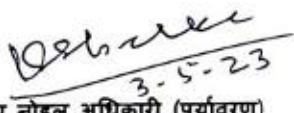
Grand Total (A+B+C) Rs 5479616.09

 3.5.2023
 क्षेत्रीय कार्मिक प्रबंधक

 4/5/23
 क्षेत्रीय वित्त प्रबंधक

 3.5.2023
 क्षेत्रीय चिकित्सा अधिकारी

 2/5/23
 अमला अधिकारी (सिविल)

 3-5-23
 क्षेत्रीय नोडल अधिकारी (पर्यावरण)

उमरेर क्षेत्र उमरेर क्षेत्र उमरेर क्षेत्र उमरेर क्षेत्र उमरेर क्षेत्र

केवल नागपुर कोर्ट के अधिकार क्षेत्र में
Court Only



वेस्टर्न कोलफील्ड्स लिमिटेड/Western Coalfields Limited

मिनिरल कंपनी (A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

IOMH1975GOIO18626

क्षेत्रीय महाप्रबन्धक का कार्यालय, उमरेर क्षेत्र

पता : वेकोलि, उमरेर क्षेत्र, पो. उमरेर, जिला नागपुर, महाराष्ट्र, पिन-441204

Nagpur, MS, PIN-441204

Email: apmwclua@gmail.com

संदर्भ सं: वेकोलि/उमरेर/मा.सं./2025-26/CSR / 2110

प्रति,

मानव संसाधन विभाग

Address: WCL, Umrer Area, PO:Umrer, Dist:

Fax: 07116-247374, Phone: 07116-247429, 07116-247374

दिनांक :- 29.12.25

विभागाध्यक्ष (कल्याण/सीएसआर)

वेकोली मुख्यालय, नागपुर

विषय : Expenditure Report CSR 2025-2026- Dec 25

महोदय,

The details regarding the expenditure of the Umrer area are being submitted. The details are mentioned in the enclosed prescribed format.

29.12.25
क्षेत्रीय मानव संसाधन प्रबंधक
उमरेर क्षेत्र

प्रतिलिपि:-

- 1) महाप्रबंधक (संचालन), उमरेर क्षेत्र
- 2) क्षेत्रीय कार्मिक प्रबंधक, उमरेर क्षेत्र
- 3) क्षेत्रीय वित्त प्रबंधक, उमरेर क्षेत्र
- 4) क्षेत्रीय चिकित्सा अधिकारी, उमरेर क्षेत्र
- 5) अमला अधिकारी (सिविल), उमरेर क्षेत्र
- 6) अमला अधिकारी (वि एवं यां), उमरेर क्षेत्र
- 7) क्षेत्रीय नोडल अधिकारी (पर्यावरण), उमरेर क्षेत्र
- 8) प्रबंधक (सी.डी.), उमरेर क्षेत्र
- 9) प्रबंधक (वित्त), उमरेर क्षेत्र – बिल सीएसआर
- 10) अमला अधिकारी (एम.एम), उमरेर क्षेत्र

CSR 2025-26 Umrer Area - Dec 2025

Sl No.	CSR Activity Details	Sanction Amount in Rs Lakhs	WO value (Rs Lakh)	Status	Expenditure (Rs Lakh)	Difference (Sanction m	Additional 5% Amount added for RE	Amount to be Returned	Expected Work complete expenditure booked by	Photo of Work
1	Swachta Activities	3.5	3.20	1) Swachta Pakhwade Bill Submitted for Rs 82601/- Work completed 2) Fogging machine Through GeM Rs 86679/- Work Completed 3) Hand Wash Station Estimated 1.327 Lakh - Site Handover done 4) Swachta He Sewa Bill submitted for Rs 17740/- Work completed	3.09	30282	0	0	31st Dec 25	
2	Organizing Medical Camps at nearby villages of mines and also providing service under CSR clinic at Area Hospital	5	4.49	Work order of Rs. 4,49,282 issued to KAPL Rest of the amount will be utilised for Special Camps (Ortho, Cancer etc)	4.47	51000	0	0	2 medical camps planned Jan 25 & Feb25	
3	Providing 8 nos. Smart Class equipment to Schools Near Umrer Area ZP Rajnagar-1, ZP Kalamna-1, ZP Bhagwanpur-1, Ashramshala Tribal Udaas-2, ZP Dhammangao-1, ZP Dahegaon-1, ZP Kamva-1	10.5	10.479	Work order issued Rs 10,47,840 Work completed	10.48	2100	0	0		
4	Making drinking water provision by providing RO plant at Hewati Village of Hewati Grampanchayat (Only RO Machine to be installed - Room already available)	7	5.438	Work Order - Rs 5,43,707.49, Work in Progress Liability Booked	4.61	156200	570892.35	129108	31st Dec 25	Yes
5	Making stage for cultural activities/wholistic development of students at ZP Dahegaon school of Saki Grampanchayat	3	2.08	Work Order Rs 2,07,537.56, Work Completed Liability booked	1.76	92000	217913.85	82086	31st Dec 25	Yes
6	Providing and fixing paver block and making structural steel at Jawahar Vidyalaya of Makardhotda Village under CSR activity for MKD-III OCM of Umrer Area	11	6.32	Work Awarded Rs. 6,31,052.85, Work in Progress Liability booked	4.72	468000	662604.6	437395	31st Dec 25	Yes
7	Solar Panel for RO plant facility of Ghoturi village of Waigaon Ghoturi Grampanchayat			Work Awarded For 3 solar projects sl no. 7,8,9 for Rs 849954/- Work Completed	0					Yes
8	Solar Panel for ZP school Kamva village Shipur Grampanchayat			Work Awarded For 3 solar projects sl no. 7,8,9 for Rs 849954/- Work Completed	0					Yes
9	Solar Panel for RO plant facility at Bhagwanpur village of Bhagwanpur Grampanchayat	10.5	8.5	Work Awarded For 3 solar projects sl no. 7,8,9 for Rs 849954/- Work Completed		200000	0	200000	5th Jan 26	Yes
10	Making drinking water provision by providing RO Plant with Solar Panel for Nand Village of Nand Grampanchayat	11	9.12	Work Awarded Rs 9,11,764.53, Site handover done	0	188000	957353.25	142647	5th Jan 26	
11	Making stage for cultural activities/wholistic development of students at ZP Saki school of Saki Grampanchayat	5	4.01	Work Awarded Rs 4,00,041.52.00, Work Started at Site Liability booked	3.39	99000	420043.05	79957	31st Dec 25	Yes
12	Making Toilet and Handwashing facility at ZP Saigaon of Bhagwanpur Gram Panchayat	8.5	5.47	Work Awarded Rs 5,46,459.70, Work Started at Site Liability booked	5.46	303000	573783	276217	31st Dec 25	
13	Making Toilet and Handwashing facility at ZP Kharkhada of Bhagwanpur Grampanchayat	8.5	5.96	Work Awarded Rs 5,95,936.45, Work Started at Site Liability booked	5.96	254000	625732.8	224267	31st Dec 25	
14	Providing Solar Pump and associated tank at Besur village of Besur Grampanchayat	6	2.25	Work Awarded Rs 2,24,275.77, Site handover done	0	375000	235488.75	364511	31st Dec 25	Yes
15	Making drinking water provision by providing RO plant for Saigaon Village Bhagwanpur of Grampanchayat with Solar Panel	11	9.57	Work Awarded Rs 9,56,971.50, Work Started at Site Liability booked	9.57	143000	1004819.55	95180	5th Jan 26	
16	Making drinking water provision by providing RO plant for Kharkhada Village of Bhagwanpur Grampanchayat with Solar Panel	11	9.78	Work Awarded Rs 9,77,559.73, Work Started at Site Liability booked	9.78	122000	1026436.95	73563	5th Jan 26	
17	56 Cycle for students of ZP school ZP Nand of Nand Grampanchayat	3	2.324	Work completed	2.324	67600	0	67600	0	
18	Open air gym equipment at Borebati of Waigaon Ghoturi Grampanchayat	6	4.15	Work Awarded Rs 4,14,432.90, Site handover done	0.67	185000	435153.6	164846	31st Dec 25	
19	Drinking water facility for public by providing 8 nos. water purifier at police station Bhiwapur (1 no.), Land Record Office at Bhiwapur (1 no.), Land record office at Umrer (1), and students of ZP Dhammangao (1), ZP Besur (1 no.), ZP Khunsapur (1 no.), ZP Welsaktra (1 no) ZP Nand Primary (1 no.) respectively	10.5	0	1st Bid Failed 2nd Bid Commercial scrutiny	0	0	0	0	Work to be completed b 15th Jan 26	
20	Making Bus-Stand at Nand Village of Nand Grampanchayat	3	2.69	Work Awarded Rs 2,68,002.55, Work In progress	0	31000	281402.1	18598	31st Dec 25	
21	Making drinking water provision by providing RO plant at Chichala Village with Solar Panel in Chichala Grampanchayat	11	9.25	Work Awarded Rs 9,24,291.76, Work In progress Liability booked	0	175000	970505.55	129494	31st Dec 25	
Total (A)		145	105.08		66.29	2942182		2485470.6	0	
Sl No.	Panchayats	Budget (Rs Lakh)	Remark							
1	Installation of RO purifier at Jawahar school	2	1st Bid Failed 2nd Bid Commercial scrutiny	0	0	0	0	0	Work to be completed by 15th Jan 26	
2	Installation of Solar panel at Jawahar school	6.5	Work completed	2.65	385000	0	385000	5th Jan 26		
3	Providing Nutrition kit for students at Jawahar School, ZP Pachgaon School, ZP school Nand	16	MoU vetted, signing done. Fund transfer done for Rs 12.80 Lakh	0	0	0	0	0	1st UC by 15th Feb 26 2nd UC by 10th March 26	

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4	Installation of RO Purifier at ZP school Mand			1st Bid Failed				0	Work to be completed by 15th Jan 26
				2nd Bid Commercial scrutiny				0	
	Total (A+B)	28.5	18.65					385000	
		171.5	123.73					2870470.6	

Rs. 28,70,470 surrendered as part of Savings in 1st phase under CSR 2025-26

[Signature]
AFM
Umrer Area

[Signature]
SO (Civil)
Umrer Area

[Signature] 26-12-2025
AND (Env)
Umrer Area

[Signature]
AMQHA
Umrer Area

[Signature] 26-12-2025
AJHRM
Umrer Area

Expenditure CSR 2024-25 -2 no new Activity Planning agalant Savings Included - Umrer Area

#	CSR Activity Detail	Sanctioned Budget (In Rs Lakhs)	Updated Sanction value after activity 15 & 16	Work Order Value (In Rs Lakhs)	Funds Released (In Rs Lakhs)	Progressive Expenditure (In Rs Lakhs)	Surrendered	Current Status
1	Swachta Action Plan Activities	2	2	197470	0	197470	0	Work Completed
2	Medical Camps related to osteoporosis, cancer detection etc.	4	4	395720.91		393941	0	Work Completed
3	Providing 3 no. of Smart Class equipment for ZP schools	8.5	6.9	690000	0	690000	0	Work completed
4	Providing BP recording machine for Rural Hospital of state government	1.8	1.7	169728	0	169728	0	Work completed
5	Making Toilet and Handwashing facility at ZP Nand School (for improving students' health and hygiene)	7	7.06	703652.59	0	703652	0	Work Completed
6	Providing Solar Pump in Khursapar village	4	3.72	371700	0	371700	0	Work Completed
7	Making drinking water provision through RO plant for villagers in Khandarjhari Village	8	6.85	684206.21	0	684206	0	Work Completed
8	Providing protein powder to patients (pregnant, lactating women, children, etc.) through Rural Hospital (State government hospital in Umred)	2	2	199975	0	199975	0	Work Completed
9	Providing 7 no. water cooler cum purifier to ZP schools/ hospital/ public office.	10	9.74	939000	0	939000	0	Work completed
10	Providing bi-cycles to school students	1.5	1.12	112068	0	112068	0	Work completed
11	Support to SHGs by providing machinery/appliance to support their livelihood activities	2	2	198000	0	198000	0	Work Completed Billing Value - 198000/- (2 se -Atta Chakki - 135000/- - Kandap Machine-63000/-

	Providing solar High mast in Waigaon- Ghoturli GP and Shirpur GP	8.5	6.22	621388	0	621388	0	Work Completed
13	Making Toilet and Handwashing facility at ZP Lohara (Khursapar GP) School (for improving students' health and hygiene)	7	5.09	508764.03	0	508763	0	Work Completed
14	Installing of Solar panels for pump in Besur village	6.25	4.41	441060	0	441060	0	Work Completed
15	Bicycle for ZP pachgaon school		4.78	438980	0	438980	0	Work completed
16	4 no. Smart class for schools		4.96	483800	0	483800	0	Work completed
Total		72.55	72.55	7155512.74	0	7153731	0	

GST portion was booked In April 24 for SI no. 12 of CSR AAP 2023-24 (II)

Grand total (I+II) & Total in SAP reconciled

4945

7158676

[Signature]
ANO (Env)
Umrer Area

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ANO
Umrer Area

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Umrer Area

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ANO
Umrer Area
2.4.2025

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**REPORT ON
MONITORING OF GROUND WATER LEVEL
OF
DINESH OC EXPN. MINE
UMRER AREA**

WESTERN COALFIELDS LTD.



**PERIOD- MAY 2025 (PRE MONSOON), AUG 2025 (MONSOON) & NOV
2025 (POST-MONSOON)**



M/s Anacon Laboratories Pvt. Ltd., Nagpur

**MoEF&CC (GOI) Recognized Laboratory
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
Lab. & Consultancy: FP-34, 35, Food Park,
MIDC, Butibori, Nagpur – 441122
Mob: +91-9372960077
Email: ngp@anacon.in
Website: www.anaconlaboratories.com
Report No. ANqr /PD/20A/2023/199**

2025-26

DINESH OC EXPN. MINE

UMRER AREA

WESTERN COALFIELDS LTD.

PERIOD- MAY 2025 (PRE MONSOON), AUG 2025 (MONSOON) & NOV 2025 (POST MONSOON)



D. Gaurav

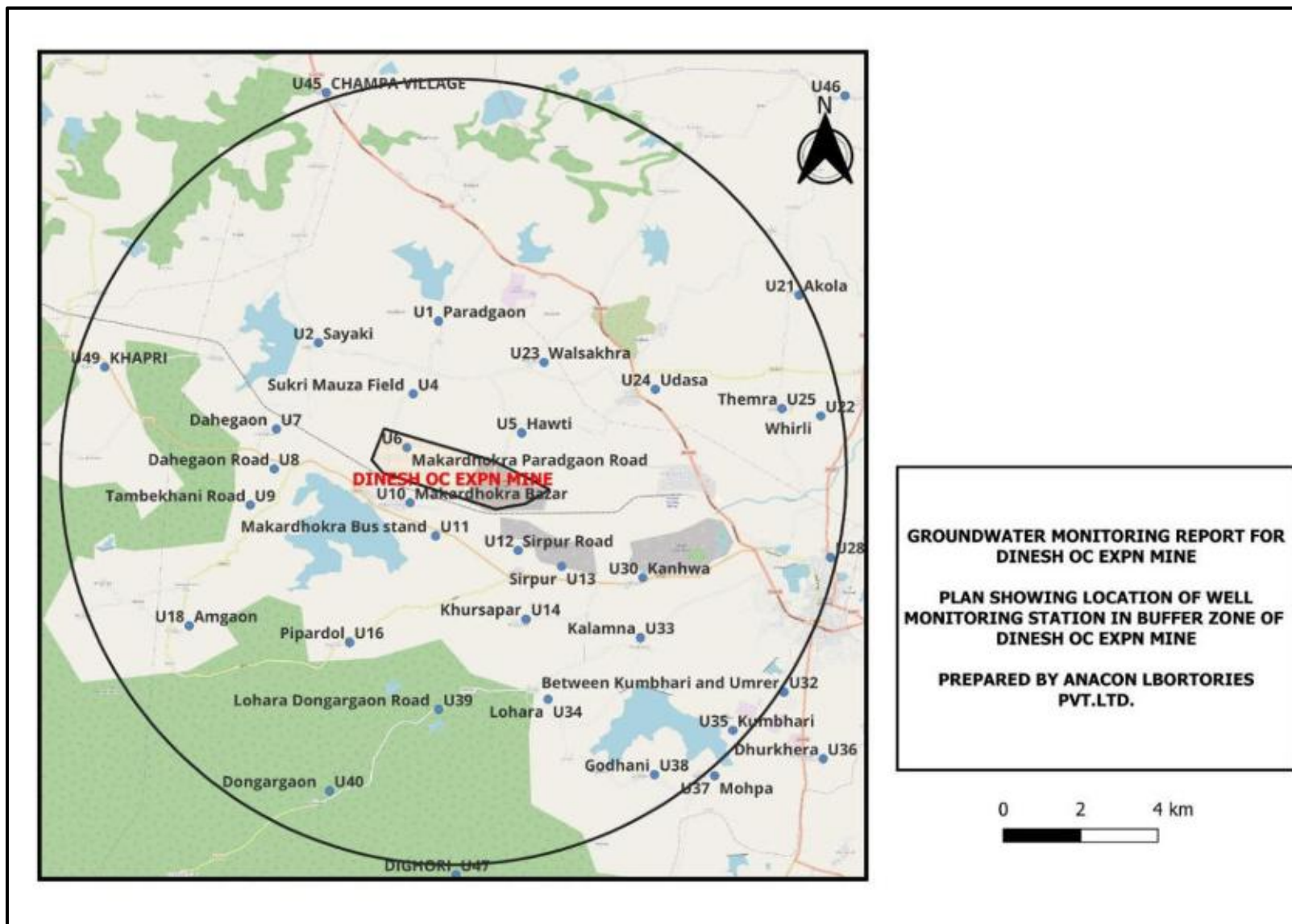


FIGURE-V: GROUND WATER MONITORING STATION (OBSERVATION WELLS IN AND AROUND OF DINESH OC EXP. MINE)



Signature



Dgaurav

Table-V-A: Groundwater level monitoring data of dugwells in buffer zone of Dinesh OC , Umrer Area, WCL

Sr No	Well No. U	Name of village	Well location	Lat			Long			R.L.	Well dia (m)	Well depth (m bgl)	MP height (m agl)	Formation	Depth to Water (BGL-Below Ground Level), m			UTILITY
				Deg	Min	Sec	Deg	Min	Sec						May-25	Aug-25	Nov-25	
1	U1	Paradgaon	Adjacent to Nagpur-MKD road (W), about 1 km S of village, near nalla	20	55	9.16	79	13	35.28	256	3.60	8.15	0.30	BASALT	6.53	3.90	3.90	DOMESTIC
2	U2	Sayaki	Adjacent to Champa Road Near upper L.P school	20	54	49.31	79	11	45.31	257	4.60	7.80	0.42	BASALT	5.30	1.62	4.80	DOMESTIC
3	U4	Sukri Mauza Field	About 1 km from X-roads, 30 m E of MKD road in the field, 600 m N of irrigation canal	20	54	2.54	79	13	12.10	245	4.90	8.30	0.50	BASALT	8.50	0.70	3.40	DOMESTIC
4	U5	Hawti	S edge of village, adjacent to water supply borewell & road, in low lying area	20	53	26.83	79	14	51.56	265	2.60	11.10	0.60	BASALT	7.55	2.35	3.23	DOMESTIC
5	U6	Makardhokr a Paradgaon Road	About 2 km N of village, 120 m E of MKD-Nagpur road in the field of Eknath	20	53	13.34	79	13	6.29	224	4.10	13.40	0.90	BASALT	4.90	1.68	3.10	DOMESTIC
6	U7	Dahegaon	E of village, near Hanuman Mandir	20	53	30.32	79	11	6.73	246	3.60	7.40	0.70	BASALT	5.30	1.91	3.50	DOMESTIC
7	U8	Dahegaon Road	About 1 km from village road junction, about 70 m S of Umrer-Butibori road in the field	20	52	53.76	79	11	4.68	264	6.00	8.60	GL	BASALT	4.80	2.50	4.30	DOMESTIC
8	U9	Tambekhani Road	Midway between two villages, about 50 m west of the road in the field, near to Farm house of Vakil	20	52	20.67	79	10	42.70	263	6.00	9.20	0.40	BASALT	6.00	2.68	3.60	DOMESTIC
9	U10	Makardhokr a Bazar	C of village, adjacent to village road	20	52	22.79	79	13	9.27	259	4.20	12.50	0.60	BASALT	4.35	3.36	2.80	DOMESTIC
10	U11	Makardhokr a Bus stand	Adjacent (S) of Umrer-Butibori road, near to village road junction	20	51	52.42	79	13	32.66	269	4.10	13.40	0.90	BASALT	5.90	1.46	3.70	DOMESTIC
11	U12	Sirpur Road	About 1 km W of village, about 15 m N of Umrer-Butibori road in the field	20	51	39.08	79	14	48.28	276	3.90	15.10	0.60	BASALT	7.39	0	3.35	DOMESTIC

Sr . No	Well No. U	Name of village	Well location	Lat			Long			R.L.	Well dia (m)	Well depth (m bgl)	MP height (m agl)	Formation	Depth to Water (BGL-Below Ground Level), m			UTILITY
				Deg	Min	Sec	Deg	Min	Sec						May-25	Aug-25	Nov-25	
12	U13	Sirpur	E of village, about 50 m N of Umrer road, (Water injection well)	20	51	24.55	79	15	28.06	280	3.55	11.50	0.40	BASALT	5.90	2.76	4.90	DOMESTIC
13	U14	Khursapar	E of village, in Bhim part (Budh Vihar)	20	50	36.17	79	14	55.49	284	2.30	6.40	0.45	BASALT	3.70	2.31	3.60	DOMESTIC
14	U16	Pipardol	Out side the village (East), E of Devli road, Twin wells (first)	20	50	14.73	79	12	13.80	289	2.10	8.20	0.60	BASALT	6.00	1.20	2.10	DOMESTIC
15	U18	Amgaon	Near OH tank	20	50	30.04	79	9	46.80	290	4.30	20.00	0.90	BASALT	7.30	1.61	4.00	DOMESTIC
16	U22	Whirli	C of village, in front of school/GP office	20	53	42.31	79	19	25.54	248	3.90	6.40	0.65	BASALT	8.50	2.97	3.40	DOMESTIC
17	U23	Walsakhra	SE corner of village, adjacent to village road in field	20	54	31.40	79	15	12.01	254	3.30	6.90	0.90	BASALT	5.90	—	3.85	DOMESTIC
18	U24	Udasa	About 800 m NE of village (outside), about 50 m S of Themra road in field Back side of Shiv Asthal	20	54	6.73	79	16	53.98	267	2.10	9.80	0.75	BASALT	6.10	1.60	2.90	DOMESTIC
19	U25	Themra	SW of village, near Hanuman Mandir	20	53	49.08	79	18	50.08	251	2.20	9.10	0.60	BASALT	5.90	2.50	3.40	DOMESTIC
20	U30	Kanhwa	Adjacent (N) to Umrer road, E edge of village Dr. Ambedkar Statue	20	51	14.07	79	16	42.47	251	2.90	13.10	0.50	BASALT	6.26	2.41	3.85	DOMESTIC
21	U33	Kalamna	N side of village, adjacent to village road, near to primary school	20	50	19.14	79	16	40.30	238	2.65	9.60	0.75	BASALT	5.68	1.74	3.30	DOMESTIC
22	U34	Lohara	C of village, Forest office compound	20	49	22.73	79	15	15.76	234	6.50	9.00	0.50	BASALT	2.90	1.80	2.00	DOMESTIC
23	U39	Lohara Dongargaon Road	Right side of road near nala and Mandir	20	49	13.43	79	13	35.41	271	2.40	7.20	0.40	BASALT	3.20	2.40	3.10	DOMESTIC
24	U40	Dongargaon	About 300 m E of village	20	47	58.73	79	11	55.44	267	3.60	6.10	0.70	BASALT	4.10	1.82	2.80	DOMESTIC
25	U46	ISAPUR NAVEGAON	NEAR BUDDHA VIHAR	20	58	35.88	79	19	47.82	265	5.20	8.70	0.40	BASALT	3.35	1.15	4.00	DOMESTIC

Sr No	Well No. U	Name of village	Well location	Lat			Long			R.L.	Well dia (m)	Well depth (m bgl)	MP height (m agl)	Formation	Depth to Water (BGL-Below Ground Level), m			UTILITY
				Deg	Min	Sec	Deg	Min	Sec						May-25	Aug-25	Nov-25	
26	U47	DIGHORI	OUTSIDE THE VILLAGE ADJACENT TO THE ROAD ABOUT 300 METER FROM ROAD.	20	46	41.79	79	13	51.31	268	6.00	8.50	0.60	BASALT	3.43	2.48	2.65	DOMESTIC
27	U50	TARNA VILLAGE	NEAR POST OFFICE TARNA 300 METER	20	54	4.19	79	24	7.41	265	3.20	11.20	0.60	BASALT	3.90	1.62	3.80	DOMESTIC



Signature



U1-Paradgaon



U2-Sayaki



U4-Sukri Mauza Field



U5- Hawti



**U6- Makardhokra
Paradgaon Road**



U7-Dahegaon



U8-Dahegaon Road



U9-Tambekhani Road



U10-Makardhokra Bazar



U11-Makardhokra Bus stand



U12-Sirpur Road



U13-Sirpur



U14-Khursapar



U16-Pipardol



U18-Amgaon



U22-Whirli



U23-Walsakhra



U24-Udasa



U25-Thembra



U30-Kanwha



U33-Kalamna



U39-Lohara Dongargaon Road



U40-Dongargaon



U46-ISAPUR NAVEGAON



U47-DIGHORI



U50-TARNA VILLAGE



U34-Lohara



COAL INDIA LIMITED



CORPORATE ENVIRONMENT POLICY

2023

Back Ground:

Coal India Limited subscribes to the view of Sustainable Development. Unless the environment can sustain all the developmental activities, any pursuit of development in isolation can cause irreparable damage to the ecosystem and associated environmental attributes. Keeping this view in mind, Coal India Limited attaches top priority towards sustainable development and approved its 'Corporate Environmental Policy' in December 1995, which was subsequently revised in 2012 and 2018. The present policy is the revision of the Corporate Environment Policy 2018 and is complimentary to the National Environmental Policy, 2006.

This modification in the present policy is the outcome of the experience gained since 2018 keeping in view the modifications / amendments made time to time in environmental policies and additional stipulations notified by MoEF&CC (Ministry of Environment, Forest & Climate Change) and other organizations concerning mine closure, reclamation of degraded land, environmental clearance etc. and also with the objective of revisiting the corporate policy. Government of India is signatory to few international conventions/agreements relevant to CIL amongst others and activities associated with such conventions/agreements are embodied in the present policy

This Policy has a vision of Green Mining and mission of 100% compliance of environmental statutes applicable to coal mining industry.

Policy Statement:

Coal India Limited (CIL) is committed to promote low carbon, sustainable and socially inclusive coal mining by protecting the environment through integrated project planning & design, prevention/mitigation of pollution, conservation of natural resources, restoration of ecology & biodiversity, recycling/ proper disposal of wastes, addressing climate change and inclusive growth. It also aims to bringing awareness amongst its stakeholders for continual improvement in environmental performances following good environmental practices.

Objectives:

CIL shall endeavor to-

- 1. Plan & design projects with due consideration to environmental and social concerns for Sustainable Development and reduction in emission intensity of its operations.*

2. *Conduct mining and associated operation in an environmentally responsible manner to comply with applicable laws and other requirements related to environmental aspects.*
3. *Prevent pollution in surrounding habitation by continuous monitoring and adopting suitable measures for environment protection.*
4. *Ensure effective implementation of Environment Management Plans (EMPs) in all our mines / projects to mitigate pollution, conservation of natural resources and restoration of ecology& biodiversity.*
5. *Ensure compliance of all statutory conditions prescribed by regulatory agencies.*
6. *Ensure waste management in each unit on the principle of REDUCE, REUSE, RECYCLE and SAFE DISPOSAL.*
7. *Put special thrusts on efficient energy utilization / renewable energy and other measures to reduce carbon foot-print.*
8. *Strive for continual improvement in our environmental performances by setting targets, measuring progress and taking corrective action.*
9. *Take measures to gainful repurposing of land and render productive post mining land use for ensuring environmentally sustainable and socially acceptable closure of mine.*
10. *Ensure implementation of activities applicable to CIL arising out of International Conventions.*
11. *Create environmental awareness and ensure environmental education among the employees, local communities and other stakeholders through pro-active communication and training.*
12. *Promote R&D projects/innovations addressing various environmental concerns like minimization of carbon footprints of CIL and environmental issues in mining & surrounding areas.*
13. *Ensure transparency in Environmental reporting / disclosure to stakeholders.*

Review of Environmental Policy:

In view of the present fast changing social, economic and environmental scenario, this policy shall be reviewed every 5 years to incorporate the changes in the legal, technical, environmental, economic and social inputs prevailing at that time. Whenever, there is change in National Environmental Policy or other National / State relevant policies, Acts etc, this Corporate Environmental Policy would be reviewed and suitably revised.



वेस्टर्न कोलफील्ड्स लिमिटेड
Western Coalfields Limited

पंजी.का.: कोयला विहार, सिविल लाइन्स, नागपुर (महाराष्ट्र)-440001
Regd. Off.: Coal Estate, Civil Lines, Nagpur (MS) - 440001
CIN - U10100MH1975GOI018626 www.westerncoal.in

कंपनी सचिव का कार्यालय
Office of the Company Secretary

email - companysecretary.wcl@coalindia.in
☎/FAX: 0712 - 2511216

**BOARD MATTER
CONFIDENTIAL**

REF. WCL/Office of CS/BM-361/2023-24/ 1187

DATE: 06.03.2024.

Reproduced below is the relevant excerpt from the minutes of 361st meeting of the Board of Directors of WCL held on 24th February, 2024:

"ITEM NO.361/ C-6

SUB Proposal for ratification of Corporate Environment Policy (CEP) 2023 of Coal India Limited in WCL Board for its implementation in WCL.

- i) While deliberating on the proposal, Shri Anil Kumar Singh, Director (Technical) P&P apprised the salient features of the Corporate Environment Policy (CEP) 2023 of Coal India Limited to the Board.
- ii) Shri Balram Nandwani, Independent Director enquired about the strategy built up by WCL for implementation of Corporate Environment Policy (CEP), 2023 in the Company and suggested for updating the progress of implementation of such policy in every Board meeting.
- iii) Shri Binod Bihari Dash, Independent Director enquired about steps taken by Company on reduction of carbon emission. It was informed that it is incorporated in EC conditions of some mines to deploy at least 20% of overall fleet of dumpers / trucks / other vehicles as electrical or CNG/LNG based for transportation of Coal / OB etc.
- iv) The Board, after deliberation ratified the Corporate Environment Policy - 2023 (CEP - 2023) approved by CIL Board in its 460th meeting held on 29.12.2023, for circulation among employees for its implementation in WCL as brought out in the agenda note with a directive for keeping its updated/progressive implementation status in every Board Meeting.
- v) General Manager (Environment) to take necessary action in the matter."

Vijay
6/3/2024
COMPANY SECRETARY

GENERAL MANAGER (ENVIRONMENT)

CC: DIRECTOR (TECHNICAL) OP
DIRECTOR (FINANCE)
DIRECTOR (TECHNICAL) P&P
DIRECTOR (PERSONNEL)

कोयला इंडिया लिमिटेड (प्रा.)/मुख्यालय/नागपुर
WCL/GM (Env)/HQ/Nagpur
मादी/Rec. 93 दिनांक/Date 6/3/24

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FOR COMPANY USE ONLY

The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / Government

ENVIRONMENTAL MONITORING REPORT w.r.t.HEAVY METALS IN AMBIENT AIR UMRER AREA

WESTERN COALFIELDS LTD.



HALF YEARLY (OCT 25 - MAR 26)

Environment Laboratory

NABL Accredited vide Cert. No. TC-7102

CMPDI

REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report Ambient Air Quality Monitoring Data For Heavy Metals	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC /HM24	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	UMRER	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	DINESH OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

SI No.	Name of location	Location Code	Date of sampling
1	MANAGER OFFICE	UM3OA-1	19-10-2025
2	NEAR RAILWAY WEIGH BRIDGE	UM3OA-2	24-10-2025
3	PIPARDOL VILLAGE	UM3OA-3	03-10-2025
4	WELSAKRA VILLAGE	UM3OA-4	03-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value				National Ambient Air Quality Standard NAAQS, 2009
				UM3OA-1	UM3OA-2	UM3OA-3	UM3OA-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	0.0048	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	**

BDL: BELOW DETECTION LIMIT



SCIENTIFIC ASSISTANT



AMOL KAMBLE
AUTHORIZED SIGNATORY

1	This Report refers to the values related to the items tested.
2	This Report cannot be reproduced in part or full without written permission of the management.
3	** This parameter not regulated as per NAAQS

REPORT ON
MONITORING OF GROUND WATER LEVEL
OF
DINESH OC EXPN. MINE
UMRER AREA

WESTERN COALFIELDS LTD.



PERIOD- MAY-2025 (PRE-MONSOON)



M/s Anacon Laboratories Pvt. Ltd., Nagpur

MoEF&CC (GOI) Recognized Laboratory
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
Lab. & Consultancy: FP-34, 35, Food Park,
MIDC, Butibori, Nagpur – 441122
Mob: +91-9372960077
Email: ngp@anacon.in
Website: www.anaconlaboratories.com
Report No. ANqr /PD/20A/2023/199

2025-26

DINESH OC EXPN. MINE
UMRER AREA
WESTERN COALFIELDS LTD.
PERIOD- MAY 2025 (PRE MONSOON)



D. Gaurav

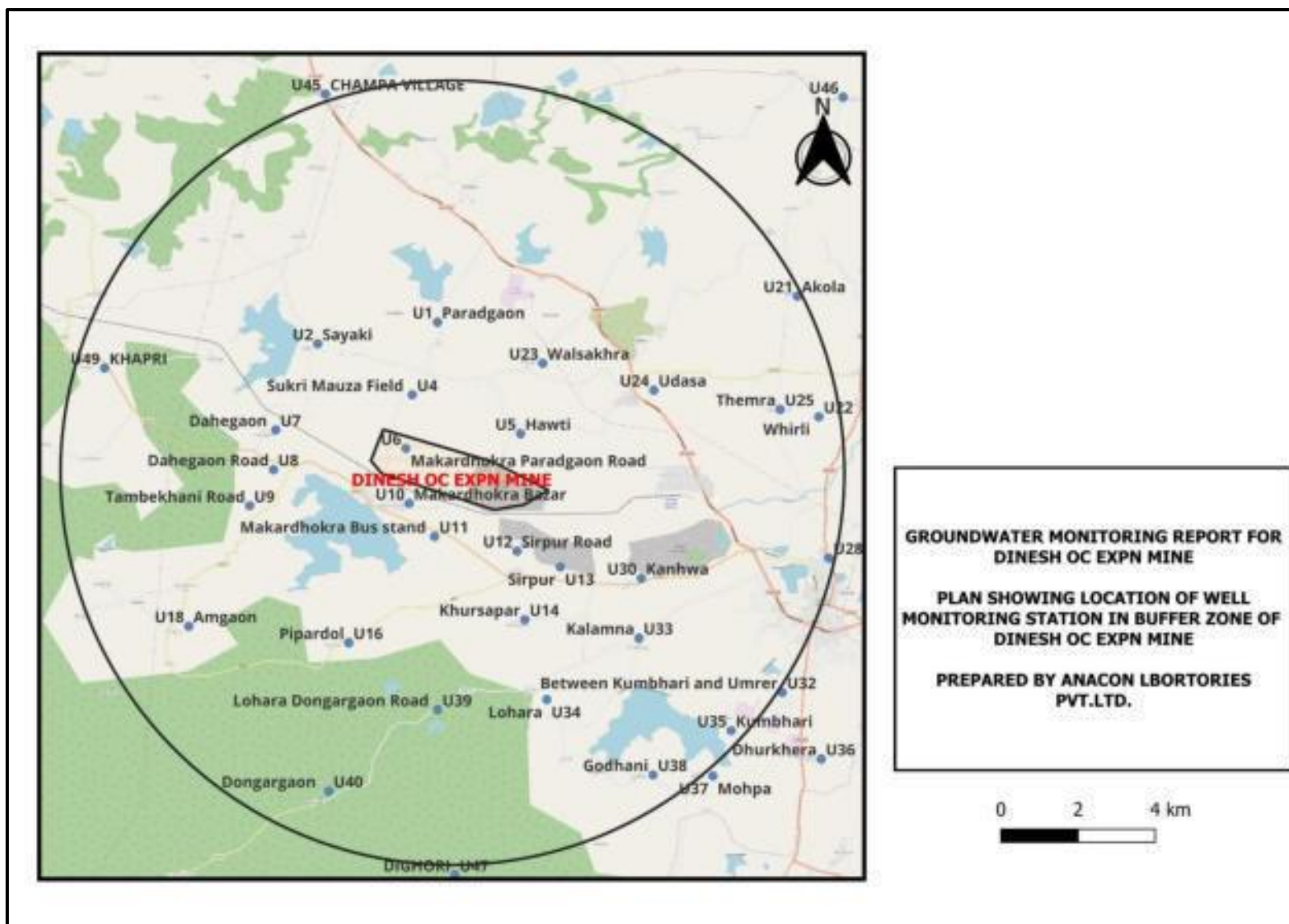


FIGURE-V: GROUND WATER MONITORING STATION (OBSERVATION WELLS IN AND AROUND OF DINESH OC EXP. MINE)



Test Report

ULR No.-TC129982500003251F

Test Report No.: ALPL/12062025/14- 1

Dated 12.06.2025

Page 1 of 2

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S.), 440001	Sample Inward No. ALPL/26052025/W-1/20-1 Inward Date 26.05.2025 Reference WCL/HQ/ENV/14-L/ 1122-1148 dt19 Apr 2025 Inv. No. 6	Analysis Start 26.05.2025 Analysis End 02.06.2025
Sample Description Ground Water	Sample Details As Provided By Client Ground Water (Umrer Area)	Purpose of analysis Drinking Quantity Received 1 Ltr
Sampling By Anacon Representative - Mr.Kailash Chahande Sampling Method- ANtd/7.2/MON-01	Sampling Date 19.05.2025 Sampling Time Not Mentioned	Sampling Location Paradgaon (Well No.-U1)
Tests Required Total Alkalinity(as Calcium carbonate), Colour, Chloride (as Cl), Calcium (as Ca), Free Residual Chlorine, Fluoride (as F), Magnesium (as Mg), Nitrate (as NO ₃), Odour, pH, Sulphate (as SO ₄), Total dissolved solids, Turbidity, Total hardness (as CaCO ₃), Phenolic compounds, Arsenic (as As), Aluminium (as Al), Boron (as B), Copper (as Cu).		

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Ground Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Discipline – Chemical					

● Please refer last Page for Note and remarks.

Verified By

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.

Anacon Laboratories Pvt. Ltd. Nagpur Lab

● FP-34, 35, Food Park, Five Star Industrial Estate, MIDC Butibori, Nagpur, Maharashtra, India - 441 122

☎ + 91 8045685558 Email : info@anacon.in

🌐 [https:// www.anaconlaboratories.com](https://www.anaconlaboratories.com)





Test Report

ULR No.-TC129982500003251F

Test Report No.: ALPL/12062025/14- 1

Dated 12.06.2025

Page 2 of 2

Test Report No.: ACP/26052025/4		Dated: 12.05.2025		Page 2 of 2	
Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S), 440001		Sample Inward No.	ALPL/26052025/W-1/20-1	Analysis Start	26.05.2025
		Inward Date	26.05.2025	Analysis End	02.06.2025
		Reference	WCL/HQ/ENV/14-L/ 1122-1148 dt19 Apr 2025		
		Inv. No.	6		
Sample Description Ground Water	Sample Details As Provided By Client Ground Water (Umrer Area)		Purpose of analysis Drinking		Quantity Received 1 Ltr
Sampling By Anacon Representative - Mr.Kailash Chahande Sampling Method- ANtd/7.2/MON-01		Sampling Date 19.05.2025	Sampling Time Not Mentioned	Sampling Location Paradgaon (Well No.-U1)	
Tests Required Cadmium (as Cd),Iron (as Fe), Lead (as Pb), Manganese (as Mn), Nickel (as Ni), Selenium (as Se), Total Chromium (as Cr), Zinc (as Zn)					

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Ground Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	Discipline – Chemical		Group- Residues in Water			
20	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ(LOQ-0.002)
21	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.11
22	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ(LOQ-0.01)
23	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ(LOQ-0.02)
24	Nickel (as Ni)	mg/l	IS 3025 (Part 2)	0.02	No relaxation	BLQ(LOQ-0.01)
25	Selenium (as Se)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ(LOQ-0.01)
26	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ(LOQ-0.02)
27	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ(LOQ-0.02)

NOTE: • Please see watermark 'Original Test Report' to confirm the authenticity of this report • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • Liability of Anacon Labs is limited to invoiced amount only. • Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. • #Permissible limit in absence of an alternate source for drinking water. • 'mg/l' is equivalent to 'ppm'. • BLQ= below limit of quantification. • LOQ= limit of quantification. • Environmental condition - Satisfactory & Clear • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05). • pH Value was measured at 25°C.

REMARKS : As requested by the client, the sample was tested for the above parameters only. Sample bearing the details mentioned as above is not complying with IS 10500(2012) requirements for the tests Sr. No. 12 & 14.

Verified By

Dhanashree Hiwari
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwal
Deputy Quality Manager

-----END OF REPORT-----

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Anacon Laboratories Pvt. Ltd. Nagpur Lab

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ULR No.-TC129982500003252F

Test Report No.: ALPL/12062025/14-2

Dated 12.06.2025

Page 1 of 2

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S). 440001		Sample Inward No. Inward Date Reference Inv. No.	ALPL/26052025/W-1/20-2 26.05.2025 WCL/HQ/ENV/14-L/ 1122-1148 dt19 Apr 2025 6	Analysis Start Analysis End	26.05.2025 02.06.2025
Sample Description Ground Water	Sample Details As Provided By Client Ground Water (Umrer Area)		Purpose of analysis Drinking	Quantity Received 1 Ltr	
Sampling By Anacon Representative - Mr Kailash Chahande Sampling Method- ANtd/7.2/MON-01		Sampling Date Sampling Time	19.05.2025 Not Mentioned	Sampling Location Sayaki (Well No. - U2)	
Tests Required Total Alkalinity(as Calcium carbonate), Colour, Chloride (as Cl), Calcium (as Ca), Free Residual Chlorine, Fluoride (as F), Magnesium (as Mg), Nitrate (as NO3), Odour, pH, Sulphate (as SO4), Total dissolved solids, Turbidity, Total hardness (as CaCO3), Phenolic compounds, Arsenic (as As), Aluminium (as Al), Boron (as B), Copper (as Cu).					

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Ground Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Discipline – Chemical Group- Water					
1	Total Alkalinity(as Calcium carbonate)	mg/l	IS 3025 (Part 23)	200	600	174.75
2	Colour	Hazen	IS 3025 (Part 4) : clause 4	5	15	5
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32) : clause 2	250	1000	110.86
4	Calcium (as Ca)	mg/l	IS 3025 (Part 40) : clause 5	75	200	67.2
5	Free Residual Chlorine	mg/l	IS 3025 (Part 26) : clause 7	0.2	1	BLQ(LOQ-0.1)
6	Fluoride (as F)	mg/l	IS 3025 (Part 60) : clause 6	1.0	1.5	0.32
7	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) : clause 6	30	100	28.67
8	Nitrate (as NO ₃)	mg/l	IS 3025 (Part 34/Sec1) : clause 6.4	45	No relaxation	7.15
9	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
10	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.85
11	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24/Sec 1) : clause 5	200	400	18.83
12	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	682
13	Turbidity	NTU	IS 3025 (Part 10)	1	5	1
14	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) clause 5	200	600	286
15	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec1) : clause 6	0.001	0.002	BLQ(LOQ-0.001)
II	Discipline – Chemical Group- Residues in Water					
16	Arsenic (as As)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ(LOQ-0.01)
17	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	BLQ(LOQ-0.02)
18	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ(LOQ-0.02)
19	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ(LOQ-0.02)

● Please refer last Page for Note and remarks.

Verified By

Authorized Signatory

Snehal Raut

Snehal Raut
Technical Manager

Dhanashree Hiwari

Dhanashree Hiwari
Sr. Technical Assistant

Chinmay Garwar

Chinmay Garwar
Deputy Quality Manager

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Test Report

ULR No.-TC129982500003252F

Test Report No.: ALPL/12062025/14-2

Dated 12.06.2025

Page 2 of 2

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S), 440001		Sample Inward No. ALPL/26052025/W-1/20-2 Inward Date 26.05.2025 Reference WCL/HQ/ENV/14-L/ 1122-1148 Inv. No. dt19 Apr 2025 6	Analysis Start 26.05.2025 Analysis End 02.06.2025	
Sample Description Ground Water	Sample Details As Provided By Client Ground Water (Umrer Area)		Purpose of analysis Drinking	Quantity Received 1 Ltr
Sampling By Anacon Representative - Mr.Kailash Chahande Sampling Method- ANtd/7.2/MON-01		Sampling Date 19.05.2025 Sampling Time Not Mentioned	Sampling Location Sayaki (Well No.- U 2)	
Tests Required Cadmium (as Cd),Iron (as Fe), Lead (as Pb), Manganese (as Mn), Nickel (as Ni), Selenium (as Se), Total Chromium (as Cr), Zinc (as Zn)				

TEST RESULTS

TEST RESULTS						
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Ground Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	Discipline – Chemical					
	Group- Residues In Water					
20	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ(LOQ-0.002)
21	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.06
22	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ(LOQ-0.01)
23	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ(LOQ-0.02)
24	Nickel (as Ni)	mg/l	IS 3025 (Part 2)	0.02	No relaxation	BLQ(LOQ-0.01)
25	Selenium (as Se)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ(LOQ-0.01)
26	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ(LOQ-0.02)
27	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ(LOQ-0.02)

NOTE: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • Liability of Anacon Labs is limited to invoiced amount only. • Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. • #Permissible limit in absence of an alternate source for drinking water. • 'mg/l' is equivalent to 'ppm'. • BLQ= below limit of quantification. • LOQ= limit of quantification. • Environmental condition - Satisfactory & Clear • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/06). • pH Value was measured at 25°C.

REMARKS : As requested by the client, the sample was tested for the above parameters only. Sample bearing the details mentioned as above is not complying with IS 10500(2012) requirements for the tests Sr. No. 12 & 14.

Verified By

Dhanashree Hiwari
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

-----END OF REPORT-----

Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.

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Test Report

ULR No.-TC129982500003253F

Test Report No.: ALPL/12062025/14-3

Dated 12.06.2025

Page 1 of 2

Issued To : M/s Western Coalfields Limited (WCL) Futala Road, Coal Estate, Civil Lines, Nagpur, WCL HQ (M.S), 440001	Sample Inward No. ALPL/26052025/W-1/20-3 Inward Date 26.05.2025 Reference WCL/HQ/ENV/14-L/ 1122-1148 d19 Apr 2025 Inv. No. 6	Analysis Start 26.05.2025 Analysis End 02.06.2025
	Sample Description Ground Water Sample Details As Provided By Client Ground Water (Umrer Area) Purpose of analysis Drinking Quantity Received 1 Ltr	
Sampling By Anacon Representative - Mr.Kailash Chahande Sampling Method- ANtd/7.2/MON-01	Sampling Date 20.05.2025 Sampling Time Not Mentioned	Sampling Location Sukri Mauza field (Well No. - U4)
Tests Required Total Alkalinity(as Calcium carbonate), Colour, Chloride (as Cl), Calcium (as Ca), Free Residual Chlorine, Fluoride (as F), Magnesium (as Mg), Nitrate (as NO ₃), Odour, pH, Sulphate (as SO ₄), Total dissolved solids, Turbidity, Total hardness (as CaCO ₃), Phenolic compounds, Arsenic (as As), Aluminium (as Al), Boron (as B), Copper (as Cu).		

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Ground Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I	Discipline – Chemical					

● Please refer last Page for Note and remarks.

Verified By

Snehal Raut
Technical Manager

Dhanashree Hiwari
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

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Annexure -XVIII

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Government

SURFACE WATER MONITORING REPORT

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO.4634420034



QE-JUNE 2025

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report Surface water quality monitoring data	
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TEST REPORT NO.	RIN/TR/JUNE-25/SW33a	DATE OF ISSUE	25-07-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	UMRER	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	DINESH OC	SAMPLING PLAN: LQR 47	
NO. OF PAGES	1		

NAME OF LOCATION: UP STREAM OF AMB RIVER w.r.t. MINE DISCHARGE				SAMPLING DATE: 19-04-2025
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT
1	pH Value	IS 3025 Part-11 Electrometric Method: 2017	2	7.60
2	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method: 2017	1	3
3	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	510
4	Oil & Grease - mg/l	IS 3025 (Part 39): 1991 (RA 2003) Partition gravimetric Method	2	BDL
5	Dissolved Oxygen - mg/l	IS 3025 (Part-38):1989 (RA 2003) Winkler Azide Method	0.1	4.8
6	B.O.D. (3 days at 27°C) - mg/l	IS 3025 Part 44 : 1993 (RA 2014)	2	8.0
7	Arsenic (As)-mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	BDL
8	Lead as (Pb) -mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017	0.005	BDL
9	Hexavalent Chromium -mg/l	APHA, 23rd Edition 3500-Cr B Colorimetric Method: 2017	0.01	BDL
10	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method :2014	0.03	BDL
11	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method:2014	0.01	BDL
12	Selenium (Se) -mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	BDL
13	Cadmium as (Cd)- mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017	0.0005	BDL
14	Fluoride (as F ⁻) - mg/l	APHA, 23rd Edition 4500-F D SPADNS Method: 2017	0.02	0.885
15	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method:2014	0.06	BDL
16	Nitrate Nitrogen - mg/l	APHA, 23rd Edition 4500-NO ³ B UV Spectrophotometric Method: 2017	0.5	0.72
17	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (23rd Edition) 4500E Turbidimetric Method:2017	2	95.85
18	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 1988 Argentometric Method:2014	2	32

BDL: BELOW DETECTION LIMIT


 SCIENTIFIC ASSISTANT


 Amol Kamble
 AUTHORIZED SIGNATORY

- | | |
|---|--|
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report Surface water quality monitoring data	 ECO-7182
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TEST REPORT NO.	RIN/TR/JUNE-25/SW34a	DATE OF ISSUE	25-07-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	UMRER	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	DINESH OC	SAMPLING PLAN: LQR 47	
NO. OF PAGES	1		

NAME OF LOCATION: DOWN STREAM OF AMB RIVER w.r.t. MINE DISCHARGE				SAMPLING DATE: 19-04-2025
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT
1	pH Value	IS 3025 Part-11 Electrometric Method: 2017	2	7.55
2	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method: 2017	1	2
3	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	525
4	Oil & Grease - mg/l	IS 3025 (Part 39): 1991 (RA 2003) Partition gravimetric Method	2	BDL
5	Dissolved Oxygen - mg/l	IS 3025 (Part-38):1989 (RA 2003) Winkler Azide Method	0.1	4.6
6	B.O.D. (3 days at 27°C) - mg/l	IS 3025 Part 44 : 1993 (RA 2014)	2	8.8
7	Arsenic (As)-mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	BDL
8	Lead as (Pb) -mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017	0.005	BDL
9	Hexavalent Chromium -mg/l	APHA, 23rd Edition 3500-Cr B Colorimetric Method: 2017	0.01	BDL
10	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method :2014	0.03	BDL
11	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method:2014	0.01	BDL
12	Selenium (Se) -mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	BDL
13	Cadmium as (Cd)- mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017	0.0005	BDL
14	Fluoride (as F ⁻) - mg/l	APHA, 23rd Edition 4500-F D SPADNS Method: 2017	0.02	0.848
15	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method:2014	0.06	BDL
16	Nitrate Nitrogen - mg/l	APHA, 23rd Edition 4500-NO ³ B UV Spectrophotometric Method: 2017	0.5	0.80
17	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (23rd Edition) 4500E Turbidimetric Method:2017	2	95.94
18	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 1988 Argentometric Method:2014	2	88

BDL: BELOW DETECTION LIMIT


 SCIENTIFIC ASSISTANT


 Amol Kamble
 AUTHORIZED SIGNATORY

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Annexure -XIX

WESTERN COALFIELDS LIMITED
OFFICE OF THE SUB AREA MANAGER
CIVIL ENGINEERING DEPARTMENT
MAKARDHOKDA SUB AREA
UMRER AREA
POST:UMRER, DIST:NAGPUR 441205

Ref: WCL/SAM/MKD/Astt. Manager(c)/2018-19/397

Date: 05/02/19

TO.

The Sarpanch,
Grampanchayat Hewati,
Taluka: Umrer, Dist: Nagpur.

Sub :- Submission of Environmental clearance of expansion of Dinesh (MKD-III)
OC mining project from 3MTPA to 4.2 MTPA of M/s Western Coalfield
Limited in Dist Nagpur

Dear Sir,

Please find enclosed herewith a copy of Environmental clearance for your
information.

Thanking you

Yours faithfully


5/2/19
Asst. Manager(c)
Makardhokda Sub Area.

Copy To:-

- 1. Sub Area Manager, MKD Sub Area.
- 2. Area Nodal Officer (Env), Umrer Area.




06/02/2019
अ.प. - कर्मचारी हेनरी.

WESTERN COALFIELDS LIMITED
OFFICE OF THE SUB AREA MANAGER
CIVIL ENGINEERING DEPARTMENT
MAKARDHOKDA SUB AREA
UMRER AREA
POST:UMRER, DIST:NAGPUR 441203

Ref : WCL/SAM/MKD/Astt.Manager(c)/2022-23/ 249

Date : 05/07/2022

TO,
The Sarpanch,
Grampanchayat Hewati,
Taluka: Umrer, Dist. Nagpur.

Sub :- Environment clearance for expansion of Dinesh (Makardhokda-III) Opencast Coal mining project for increase in production capacity from 4.2 MTPA to 4.5 MTPA in land area of 919.63 Ha by M/s Western Coalfields Limited in Distt. Nagpur.

Dear Sir,

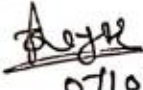
Please find enclosed herewith a copy of Environment clearance for your information.

Your's Faithfully


Manager (Civil),
Makardhokda Sub Area.

Copy To:-

1. Sub Area Manager, MKD Sub Area.
2. Area Nodal Officer (Env), Umrer Area.

11/05/23

07/07/2022
आवक / जावक
ग्रा. पं. हेवती
पं. स. उमरेड

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नागपूर, बुधवार,
दि. १९ डिसेंबर २०१८

५

१२ लाख टनांचे करार : प्रत्यक्ष होणार: रामदास आठवले साखर निर्याती पुन्हा मोदीच सत्तेवर येणार कारखान्यांचे

चंद्रकांत किंतुरे।
लोकमत न्यूज नेटवर्क

कोल्हापूर : अतिरिक्त साखरेच्या प्रश्नावर साखरेची निर्यात हाच उतारा आहे. आंतरराष्ट्रीय बाजारातील स्थिती पाहता भारताला निर्यातीची संधीही चांगली आहे. ऑक्टोबरपासून आतापर्यंत सुमारे सहा लाख टन साखर निर्यातीचे करार झालेले आहेत. त्यातील अद्यधी दोन लाख १५ हजार १४९ मेट्रिक टन साखर ऑक्टोबर, नोव्हेंबरमध्ये निर्यातीसाठी बाहेर पडली

आहे. डिसेंबरमध्ये आणखी तीन लाख टन साखर निर्यात होण्याची शक्यता आहे. हा वेग यादवविण्यासाठी आणि निर्यात कोटा पूर्ण करण्यासाठी कारखान्यांनी पुढाकार घेण्याची आवश्यकता आहे.

आंतरराष्ट्रीय बाजारातील सर्वात मोठा साखर निर्यातदार देश असलेल्या ब्राझीलने यंदा साखरेचे उत्पादन सुमारे १०० लाख टनांनी कमी केले आहे. हा ऊस त्यांनी इथेनाल निर्मितीकडे वळविला आहे. त्याचबरोबर थायलंड हाही एक मोठा साखर निर्यातदार देश

विरोधांमध्ये एकी नाही. सध्या त्यांच्याकडे कोणताही मुद्दा नसल्याने राफेलवरून आरोप केले जात आहेत. मात्र सर्वोच्च न्यायालयाने राफेलप्रकरणी सरकारला क्लिनचीट दिली आहे. येत्या ३ ते ४ महिन्यांत राजकीय हवा पूर्ण दलून जाईल. २०१९ मध्ये पुन्हा मोदी यांचे सरकारच सत्तेत येईल.

लैली आश्यासने पूर्ण करण्याचा सरकारकडून प्रयत्न सुरू आहे.

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वेस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया लिमिटेडची एक सहायक कंपनी)

सूचना

वेस्टर्न कोलफील्ड्स लिमिटेडच्या एमरेड क्षेत्रांतर्गत दिनेश (भकल्योकरा-111) विस्तारीत खुली खान (उत्पादन क्षमता 3.00 मिलियन टन प्रति वर्ष पासून 4.2 मिलियन टन प्रति वर्ष पर्यंत व 919.63 हे क्षेत्रांमध्ये) साठी पर्यावरण व वन मंत्रालयाद्वारे पत्र क्रमांक J-11015/637/2008-IA.II(M) दिनांक 29/11/2018 अनुसार पर्यावरण विभागाला दिली आहे. पर्यावरण विभागाच्या पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयात आहे आणि पर्यावरण, वन व जलवायु परिवर्तन मंत्रालयाच्या खाली दिलेल्या वेबसाईट वर पाहू शकता : <http://westerncoal.in> OR <http://environmentclearance.nic.in>

OWN A FRANCHISE

OF INDIA'S FASTEST GROWING FASHION NET

SPORTS

The **Hitavada**
NAGPUR ■ Wednesday ■ December 19 ■ 2018

At the auction, Jaydev Unadkat became a mil-



Western Coalfields Limited
(A Subsidiary of Coal India Ltd)

NOTICE

Environment Clearance has been accorded for Expansion of Dinesh (Makardhikrahi) OC Mine (from 3.00 MTPA to 4.2 MTPA) in an area of 919.63 ha) under Outer Area of M/s Western Coalfields Limited, by Ministry of Environment & forests vide letter no J-11015/5372008-1A-II (M) dated 29/11/2018 and a copy of the clearance letter is available with the Maharashtra Pollution Control Board and may also be seen at website of the Ministry of Environment, Forests & Climate Change (MoEF & CC) at <http://westerncoal.in> OR <http://environmentclearance.nic.in>

जिल्हा परिषद भंडारा ग्रामिण पाणी पुरवठा विभाग

ई-निविदा नोटीस क्र. ०२ दिनांक २१.१२.१८

कार्यकारी अभियंता ग्रामिण पाणी पुरवठा विभाग, जिल्हा परिषद, भंडारा अंतर्गत भंडारा जिल्ह्यातील विविध योजना अंतर्गत १५० मि.मी. व्यासाचे सेटरी, डि.टी.एच. व ११५ मि.मि. व्यासाचे विंधन कामे व तदनुषंगीक इतर काम करिता व्हिलफाफा पद्धतीने ऑनलाईन ई-निविदा शासन संकेत स्थळ www.mahatenders.gov.in वर मागविण्यात येत आहे. ई-निविदा बाबत संपूर्ण माहिती संकेतस्थळावर उपलब्ध असून निविदा सादर करण्याचे दिनांक खालीलप्रमाणे जाहीरात करण्यात येत आहे.

कामाची निविदा प्रथम संकेत स्थळावर परंपराचे कालावधी (टेंडर अपलॉड)	दिनांक २१.१२.१८ पासून ते दि. ४.१.२०१९ सां.य. १६.०० वाजेपर्यंत
निविदा उघडण्याचा दिनांक	दिनांक ७.१.२०१९ ला दुपारी १२.०० वाजेपर्यंत

कार्यकारी अभियंता
ग्रामिण पाणी पुरवठा विभाग

बुलडाणा नगर परिषद कार्यालय, बुलडाणा

Email : mcbuldana@gmail.com,
वा.क्र./आवि/नपडु/२८३९/२०१८

Tel No. 07262-242318
दिनांक : १८.१२.२०१८

:: निविदा सुचना ::

नगर परिषद हरीमधील बेनारस मृत शणी उदा. घुस, मांजर, उंदीर, कुत्रे, हुक्करे, गाय, बकरी, सोडे, गवे इत्यादी उचलणे करिता दर पुरविणे बाबत.

अ. क्र.	कामाचे नाव	दर प्रती महिना प्रमाणे आकड्यात	अक्षरात	निविदा फॉर्म किंमत	अनामत रक्कम
१	नगर परिषद हरीमधील बेनारस मृत शणी उदा. घुस, मांजर, उंदीर, कुत्रे, हुक्करे, गाय, बकरी, सोडे, गवे इत्यादी उचलणे करिता दर पुरविणे बाबत.			१००/-	१००००/-

निविदा विक्री : दि. २०.१२.२०१८ ते २७.१२.२०१८ वेळ दुपारी ४ वाजेपर्यंत

निविदा संबंधित दस्तावेज स्विकृती दिनांक : दि. २८.१२.२०१८ वेळ दुपारी ४ वाजेपर्यंत

निविदा उघडण्याची दिनांक : दि. २९.१२.२०१८ वेळ दुपारी ४ वाजेपर्यंत

अटी व शर्ती :

१. वरील कामाचे इतर शर्ती व अटी आरोग्य विभागाकडे कार्यालयीन वेळेत पाहिल्यास मिळेल.
२. अनामत रक्कम ठेवलीने एच व्हायर रूपये FDR काढून ते न.प. निविदे सोबत जोडली लागेल.
३. विहित मुदतीच्या आत कामे पूर्ण न केल्यास संबंधित निविदा रद्द करून अनामत रक्कम जप्त करण्यात येईल.
४. सदर कामाबाबत रु.१००/- च्या मुद्रांक पेपरवर कागदानामा करून देणे बंधनकारक राहील.
५. नियमाप्रमाणे शासकीय कार्याची कपात देवकातून करण्यात येईल. निधीच्या उपलब्धतेनुसार देयकाचे प्रदान करण्यात येईल.
६. एक अथवा सर्व निविदा कोणतेही कारण न देता रद्द करण्याचे अधिकार मुख्याधिकारी यांच्याकडे राखून ठेवण्यात आले आहे.

आरोग्य निरीक्षक

मुख्याधिकारी

space index (FSI) as per the CRZ NOC was 1, but the FSI property returns for a foreign trip are consumed on site was 2.125. the scanner

UPSC results car runs
make it fleeing'
police stn
suspect

Hemall.Chhapha
@timesgroup.com

Mumbai: From an investment banker to a strawberry farmer, Maharashtra candidates from varied backgrounds cracked the UPSC finals, the results of which were declared on Monday evening.

The 2021 results have five candidates from Maharashtra in the top 100 candidates. Among them are Priyanka Mhadalkar (13), Anjali Shirotriya (44), Shraddha Gome (60), Shubham Bhaisare (97), Ankit Hirde (98), followed closely by Aditya Kakade (129), Shubham Bhosale (149) and Vinay Kumar Gadge (151).

A total of 1,823 candidates, who had cracked the civil services prelims and mains, were called for the personal interviews. Of them, 685 candidates — 508 men and 177 women — have been recommended for appointment to various central services, stated the UPSC. This year, Shruti Sharma topped the civil services exam, Ankita Agarwal and Gaurav Singla stood second and third, respectively.

The top 25 rankers comprise 15 men and 10 women.

mesgroup.com

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to a vehicle while
multiplying to flee.
a Biswa Sar-

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...continued

Central board of indirect Taxes and Customs (CBIC), which is Wankhede's parent organisation, on Monday recorded his statement as part

Full report on www.tol.in

WESTERN COALFIELDS LIMITED
A Subsidiary of Coal India Limited

Western Coalfields Ltd.
(A Subsidiary of Coal India Ltd.)
Coal Estate, Civil Line, Nagpur-440001, Maharashtra, India. Website: www.westerncoal.com

NOTICE

Environmental Clearance has been accorded for Expansion of Singhpur Opencast coal mining project of Nagpur Area from 1.12 MTPA to 1.2 MTPA in a mine lease area of 423.91 ha by Ministry of Environment, Forests & Climate Change vide letter no. J-11015/67/2006-IA.III(M) dated 23.05.2022 digitally signed on 25.05.2022 as per OM F.No. IAC-22/10/2022-IA.III dated 07.05.2022 and a copy of the clearance letter may also be seen at website of the Ministry of Environment, Forests and Climate Change.

Environmental Clearance has been accorded for Expansion of Dineer (Makardhokra-III) Open cast coal mining project of Umre/ Area from 4.50 MTPA to 4.50 MTPA in a mine/lease area of 919.63 ha by Ministry of Environment, Forests & Climate Change vide letter no.J-11015/55 dated 28.05.2022 as per O.M.F no IA-22/10/2022-IA/2008-IA/1(M) dated 07.05.2022 and a copy of the Environment clearance letter is also be seen at website of the Ministry of Environment, Forests & Climate Change (MoEF&CC) at <http://environmentclearance.nic.in>

NEHRU MEMORIAL MUSEUM AND LIBRARY
Ministry of Culture, Government of India
Teen Murti House, New Delhi-110011

Director, Nehru Memorial Museum & Library invites applications for one post of Director Nehru Planetarium in Pay Matrix Level-11 i.e. Rs. 7700-908700 per month on deputation basis.

Director, Nehru Planetarium : One (1)
Pay Level : Level-11
(Rs. 67700-208700)
Age : Below 56 years

Last date of receipt of applications is 30th June 2022. For more details please visit NMML website www.nehrumemorial.nic.in, www.nmsangrahalaya.gov.in

dayp 09142/12/0011/2

31-05-2022

The Times of India

MAHARASHTRA NATIONAL LAW UNIVERSITY, NAGPUR
(Established by Maharashtra Act No. VI of 2014)
Waranga, PO: Dongargarh (Bulburi), Nagpur - 441108 (Maharashtra)

Inviting Sealed Quotations from Movers and Packers

Sealed Quotations are invited for packing, loading and unloading, Transport & Re-arrangement of Hostel Furniture & Fixtures, Mess Furniture, Electronic Equipments, and other materials from MNULN, Hall of Residence, Morarji Waterfall Gateway, Mihan, Nagpur to Maharashtra National Law University, Permanent Campus, Waranga, Wardha Road, Nagpur who are duly registered, may submit their quotations in sealed envelopes addressed to Registrar, Maharashtra National Law University, Nagpur and it should reach to the University on or before **06.06.2022 up to 3:00 p.m.** for further details, visit the University during Office hours on working days.

Sd/-
Registrar

Dated:- 31.05.2022



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Marketing Division

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Maharashtra State Office

CORRIGENDUM

This has reference to the advertisement regarding requirement of land for Retail Outlet (Petrol/Diesel Pump) in the State of Maharashtra published in this news paper on **30.04.2022.**

Please note that the last date of submission of offers for all the 7 locations is extended **upto 21.06.2022, 15:00 hrs.**

All other terms and conditions remain same.









ADVERTISEMENT

Applications are invited for the post of Member, Rajasthan Electricity Regulatory Commission with headquarter at Jaipur. The applicants should be persons of ability, integrity and standing who have adequate knowledge of, and have shown capacity in, dealing with problems relating to engineering, finance, commerce, economics or law or management. The tenure of post shall be five years or upto the age of 65 years from assumption of office, whichever is earlier.

The applications may be sent to the Convener of the Selection Committee and Secretary to the Government, Energy Department, Government of Rajasthan at the following address:

Shri Bhaskar A. Sawant,
Pr. Secretary, Energy Department,
Government of Rajasthan,
Room No. 2217, Main Building,
Government Secretariat,
Jaipur (Raj)

Telephone No. 0141-2227650 (Office)
Email: ps.energy@rajasthan.gov.in/prsecretaryenergy@gmail.com

The last date of receipt of application is 01/07/2022. Applications received after 01/07/2022 shall not be considered. The detailed advertisement is available on websites www.enrereg.rajasthan.gov.in, www.merc.rajasthan.gov.in.
Raj.Sanwad/C/22/2509

**FORM V**

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025**Unique Application Number**

MPCB-ENVIRONMENT_STATEMENT-0000087380

Submitted Date

29-09-2025

PART A**Company Information****Company Name**

M/s. Western Coalfields Limited, Dinesh Opencast Project (MKD-III)

Application UAN number

MPCB-CONSENT-0000195787

AddressO/o Sub Area Manager, Makardhokra Sub Area,
P.O.:Umrer Project, Teh: Umred,Dist.: Nagpur**Plot no**

Toposheet no. 55 P/5 of Survey of India

Taluka

Umred

Village

Near Hewti Village

Capital Investment (In lakhs)

83763.00

Scale

L.S.I

City

Nagpur

Pincode**Person Name**

K. S. Bhole

Designation

Sub Area Manager, Makardhokra Sub Area

Telephone Number

8275971573

Fax Number**Email**

sammkd3umrer@gmail.com

Region

SRO-Nagpur II

Industry Category

Red

Industry Type

R35 Mining and ore beneficiation

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENT-0000195787

Consent Issue Date

2022-11-16

Consent Valid Upto

2025-03-31

Establishment Year

2016

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)**Product Information****Product Name**

Coal

Consent Quantity

4.50

Actual Quantity

4.50

UOM

MT/A

By-product Information**By Product Name**

NA

Consent Quantity

0

Actual Quantity

0

UOM**Part-B (Water & Raw Material Consumption)****1) Water Consumption in m3/day**

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	1000.00	650.00
Cooling	0.00	0.00
Domestic	350.00	12.00
All others	200.00	200.00
Total	1550.00	862.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Mine Discharge	2850	2850	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Minerals	0.0535	0.2311	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Not Applicable	2.282	2.344	

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
--NA--	0	0	CMD

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Report Enclosed	0	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Not Applicable	0	0	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	1.833	0	KL/A
5.2 Wastes or residues containing oil	0	1.212	MT/A
35.3 Chemical sludge from waste water treatment	35.56	8.88	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	KL/A

Part-E**SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Over Burden	25057708	25057708	M3/Anum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	2.01	KL/A	Sold to authorized recycler
5.2 Wastes or residues containing oil	1.212	MT/A	Disposed by MEPL, Butibori
35.3 Chemical sludge from waste water treatment	8.88	MT/A	Disposed by MEPL, Butibori

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Over Burden	25057708	M3/Anum	OB Dumps

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
-	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.
[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
---	-----------------------------------	----------------------------

Capital Expenditure	Environmental Protection Measures	53.53
Revenue Expenditure	Plantation, Dust suppression and Monitoring etc.	149.07

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Proposed Capital Budget	Dust suppression and monitoring	30
Proposed Revenue Budget	Plantation, Dust suppression and Monitoring etc.	150

Part-I

Any other particulars for improving the quality of the environment.

Particulars

-

Name & Designation

K. S. Bhole, Sub Area Manager, Makardhokra Sub Area, WCL Umrer Area

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000087380

Submitted On:

29-09-2025



"Under Jurisdiction of Nagpur Courts only"
 वेस्टर्नकोलफील्ड्स लिमिटेड
 WESTERN COALFIELDS LIMITED
 (A Mini Ratna Company)
 (Government of India Undertaking)
 (कोल इंडिया की अनुषंगी कंपनी)
 A Subsidiary of Coal India Limited
 CIN-U10100MH1975GOIO18626



क्षेत्रीय प्रबंधक का कार्यालय
 मकरधोकड़ा उपक्षेत्र,
 पो : उमरेर प्रोजेक्ट,
 जि : नागपुर (महा.) पिन - 441204
 फैक्स :- 07116-27374
 Email-agmumrer@westerncoal.gov.in

OFFICE OF THE SUB AREA MANAGER
 MAKARDHOKDA SUB AREA
 PO: UMRER PROJECT
 DIST: NAGPUR (M S) PIN-441204
 FAX:-07116-27374,
 www.westerncoal.in

वेकोलि/उप.क्ष.प्र./एमकेडी/2025-26/

दिनांक: 20.06.2025

To,
 Dr. P. R. Sakhare,
 Scientist 'E'/ Additional Director,
 Ministry of Environment, Forest and Climate Change,
 Integrated Regional Office,
 Ground Floor, East Wing, New Secretariat Building,
 Civil Lines, Nagpur-440001.

Sub: Action Taken Report / Status of Compliance against the partial compliances raised in certified compliance report issued by Integrated Regional Office, MoEF&CC, Nagpur in respect of Expansion of Dinesh (Makardhokra-III) Opencast Coal Mine Project.

Ref: Your letter no. EC-1739/RON/2022-NGP/14014 dated 19/02/25.

Dear Sir,

This has reference to the above mentioned letter with respect to report on compliance of Environmental Clearance accorded to Dinesh (Makardhokra-III) Open Cast project vide MoEF & CC's letter no. J-11015/537/2018-IA-II (M) dt. 26/05/2022, 29/11/2018 and 21/06/2011 (4.20 MTPA).

In this regard, the Action Taken Report/ status of compliance against 'Partially Complied' conditions has been prepared and enclosed herewith for your kind perusal.

As such it is most earnestly solicited that aforesaid Action Taken Report / Status of compliance may kindly be considered.

Thanking you.

Yours faithfully,

Sub Area Manager
 Makardhokra-III OCM
 Makardhokra Sub Area

Encl: As above

Copy to:

- General Manager (Env.)/ HOD, WCL, Nagpur
- Area General Manager WCL, Umrer Area
- Area Nodal Officer (Env.) Umrer Area



**Action Taken Report / Status of Compliance against the partial compliances raised in certified compliance report issued by
Integrated Regional Office, MoEF&CC, Nagpur vide letter no. EC-1739/RON/2022-NGP/14014 dated 19/02/25**

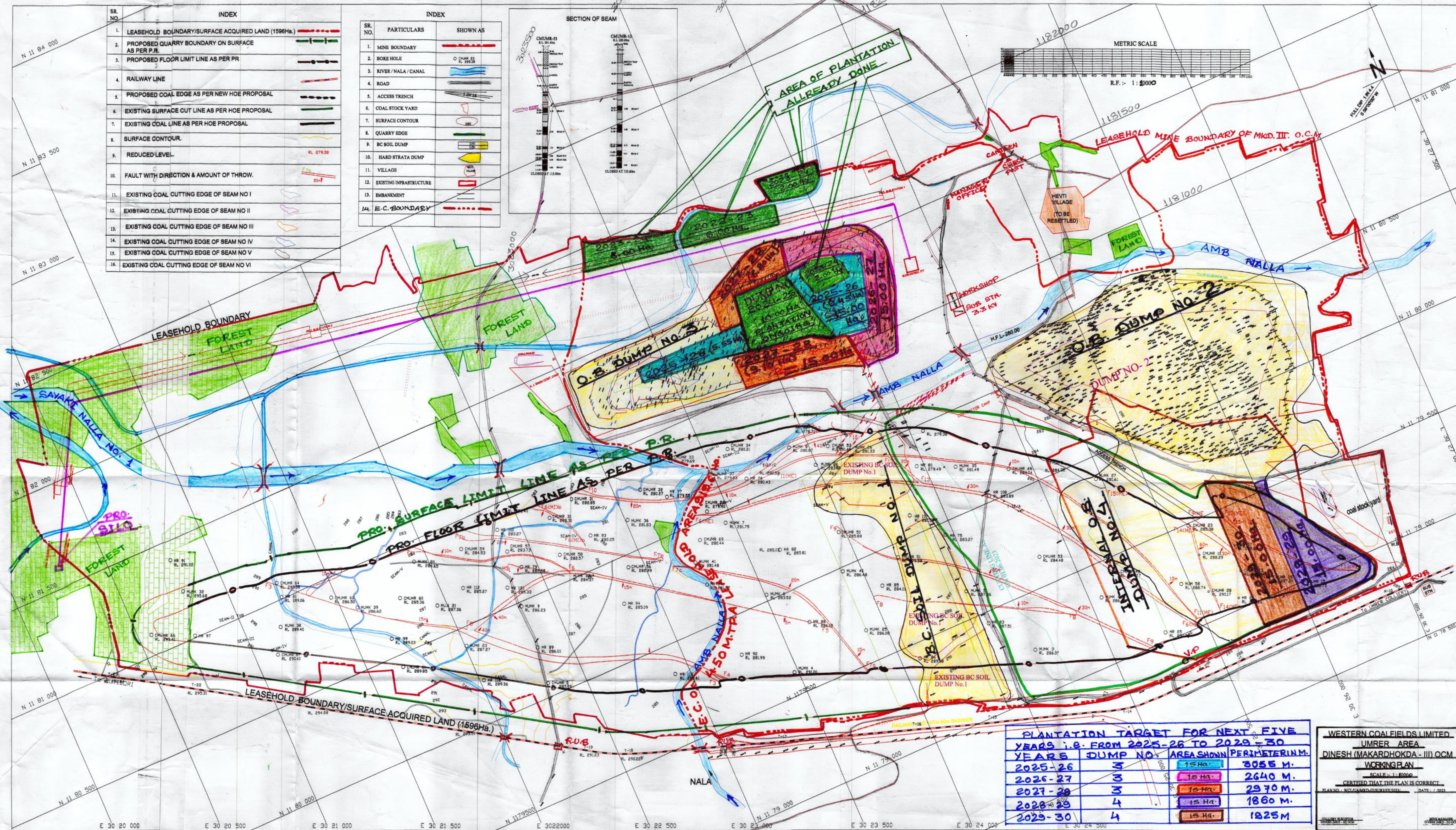
Sl. No.	Compliance Condition	Observation by MoEF&CC	Status of Compliance
Conditions as per EC dated 29/11/2018			
A. Specific Conditions			
(iii)	To control the production of dust at source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers.	Partially Complied. In order to control generation of dust at source, Mist Spray Arrangement system has been provided at Coal Handling Plant. 10 nos of fixed water sprinklers have been provided at CHP for dust suppression. 03 nos of Trolley mounted mist/fog generator have been provided at CHP. 01 no of trolly mounted fog cannon and 01 no. of truck mounted fog cannon have been provided at crusher, coal stock yards, haul roads for dust suppression. Looking at future expansion, to curb further fugitive dust emission it has been suggested to deploy additional Trolley mounted fogger machine. Construction/ Installation of conveyor belt and silo is under progress. 97% of work has been completed. PP to ensure timely commissioning.	In order to control generation of dust at source, Mist Spray Arrangement system has been provided at Coal Handling Plant. 10 nos of fixed water sprinklers have been provided at CHP for dust suppression. 03 nos of Trolley mounted mist/fog generator have been provided at CHP. 01 no of trolly mounted fog cannon and 01 no. of truck mounted fog cannon have been provided at crusher, coal stock yards, haul roads for dust suppression. As directed, additionally, 9 nos. of trolley mounted fog cannons have been procured vide GEM supply order dated 21-02-2025 (Copy enclosed as Annexure-I). The 9 nos. of additional fog cannons are under installation near mobile curshers and coal stock yard, etc. Further, to eliminate air pollution due to coal transportation through road, off pit belt conveyor and Silo loading system (RLS) of 8.0 MTPA capacity has been installed. The system is currently under the process of commissioning. Trial runs of the belt conveyor with load commenced on 02.06.2025, and the Silo was commissioned on 12.06.2025. Final commissioning of the complete system is expected to be completed by the first week of July 2025 (Tentative).

Sl. No.	Compliance Condition	Observation by MoEF&CC	Status of Compliance
			Additionally, mist sprinkling nozzles are installed at Truck receiving station, along belt conveyors, Transfer Houses, Bunker and Silo and also side cladding is provided for prevention of air pollution. Photographs are enclosed as Annexure – II.
(iv)	Mitigative measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient number of water sprinklers. Adequate corrective measures shall be undertaken to control dust emissions as presented before the Committee, which would include mechanized sweeping, water sprinkling/mist spraying on	Partially Complied Fugitive dust emissions from all the dust generating sources are controlled by Fixed Water Sprinklers along weigh bridge, approach road & coal transportation road. Rain guns are provided at railway siding and Mist spray arrangement is provided at all transfer points of CHP to prevent the dust formation. In addition, fixed water sprinklers & rain guns, trolley mounted mist/fog generator; Mobile Water tanker/sprinkler are used in all three shifts for dust suppression at approach roads, haul roads, coal transportation roads and coal stock yard. The Fugitive dust is also monitored regularly and is kept under control. Details of Air pollution control measures installed: • Automatic tyre washing system is installed at main check post of Umrer Area. • 2 No. of mobile water tankers of 20 KL capacity and 6 nos of 10 KL Capacity are in operation at haul road. • 180 nos. fixed sprinklers are installed along coal transportation road, railway siding, weigh bridge and CHP, details are as follows:	Fugitive dust emissions from all the dust generating sources are controlled by Fixed Water Sprinklers along weigh bridge, approach road & coal transportation road. Rain guns are provided at railway siding and Mist spray arrangement is provided at all transfer points of CHP to prevent the dust formation. In addition, fixed water sprinklers & rain guns, trolley mounted mist/fog generator; Mobile Water tanker/sprinkler are used in all three shifts for dust suppression at approach roads, haul roads, coal transportation roads and coal stock yard. The Fugitive dust is also monitored regularly and is kept under control. Details of Air pollution control measures installed: • Automatic tyre washing system is installed at main check post of Umrer Area. • 2 No. of mobile water tankers of 20 KL capacity and 6 nos of 10 KL Capacity are in operation at haul road. • 180 nos. fixed sprinklers are installed along coal transportation road, railway siding, weigh bridge and CHP, details are as follows:

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	haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at railway siding etc,	<table><tr><th>Location</th><th>Nos. of fixed sprinklers</th></tr><tr><td>CHP</td><td>10</td></tr><tr><td>Siding</td><td>44</td></tr><tr><td>Along Coal stock approach Road and near Weigh bridge of Dinesh</td><td>12</td></tr><tr><td>Coal Stock Yard</td><td>24</td></tr><tr><td>Coal transportation road</td><td>90</td></tr></table> - Mist Spray Arrangement system (150 nos nozzles) and 03 nos of trolley mounted misvfog generators are provided at CHP. - One no of trolley mounted misv fog generator and spray nozzles are provided at Crusher. Plantation along the coal transportation road has been provided. However, it was observed that density of plantation was poor. Therefore, pp has been suggested to take-up the plantation work during monsoon, 2025	Location	Nos. of fixed sprinklers	CHP	10	Siding	44	Along Coal stock approach Road and near Weigh bridge of Dinesh	12	Coal Stock Yard	24	Coal transportation road	90		<table><tr><th>Location</th><th>Nos. of fixed sprinklers</th></tr><tr><td>CHP</td><td>10</td></tr><tr><td>Siding</td><td>44</td></tr><tr><td>Along Coal stock approach Road and near Weigh bridge of Dinesh</td><td>12</td></tr><tr><td>Coal Stock Yard</td><td>24</td></tr><tr><td>Coal transportation road</td><td>90</td></tr></table> - Mist Spray Arrangement system (150 nos. nozzles) and 03 nos. of trolley mounted mist fog generators are provided at CHP. - One no of trolley mounted mist fog generator and spray nozzles are provided at Crusher. - Additionally, 9 nos. of trolley mounted fog cannons have been procured vide GEM supply order dated 21-02-2025 (Copy enclosed as Annexure-I). The 9 nos. of additional fog cannons are under installation near mobile curshers and coal stock yard, etc. - Further, to eliminate air pollution due to coal transportation through road, off pit belt conveyor and Silo loading system (RLS) of 8.0 MTPA capacity has been commissioned on 12-06-2025. - Additionally, mist sprinkling nozzles are installed at	Location	Nos. of fixed sprinklers	CHP	10	Siding	44	Along Coal stock approach Road and near Weigh bridge of Dinesh	12	Coal Stock Yard	24	Coal transportation road	90
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			Truck receiving station, along belt conveyors, Transfer Houses, Bunker and Silo and also side cladding is provided for prevention of air pollution. Regarding, planation along coal transportation road, it is submitted that, major portion of the coal (70 – 80 %) is being transported through belt conveyor and silo system and remaining 20-30 % of coal is transported through road to various consumers. For dust control, multilayered plantation exists along the coal transportation roads, CC roads have been constructed to reduce dust generation due to vehicular movement. Fixed water sprinklers have been installed along the route to ensure continuous dust suppression. Additionally, mobile fog cannon and mobile sprinklers are deployed regularly for effective dust control. Plantation is being taken up during the monsoon of FY 2025-26 for strengthening dust pollution control. The photographs of existing plantation is enclosed as Annexure – III.

15.00 Ha. PLANTATION
TARGET FOR NEXT
FIVE YRS I.E. FROM
2025-26 TO 2029-30.



SR. NO.	INDEX
1.	LEASEHOLD BOUNDARY/SURFACE ACQUIRED LAND (1596Ha.)
2.	PROPOSED QUARRY BOUNDARY ON SURFACE AS PER P.R.
3.	PROPOSED FLOOR LIMIT LINE AS PER PR
4.	RAILWAY LINE
5.	PROPOSED COAL EDGE AS PER NEW HOE PROPOSAL
6.	EXISTING SURFACE CUT LINE AS PER HOE PROPOSAL
7.	EXISTING COAL LINE AS PER HOE PROPOSAL
8.	SURFACE CONTOUR
9.	REDUCED LEVEL
10.	FAULT WITH DIRECTION & AMOUNT OF THROW.
11.	EXISTING COAL CUTTING EDGE OF SEAM NO I
12.	EXISTING COAL CUTTING EDGE OF SEAM NO II
13.	EXISTING COAL CUTTING EDGE OF SEAM NO III
14.	EXISTING COAL CUTTING EDGE OF SEAM NO IV
15.	EXISTING COAL CUTTING EDGE OF SEAM NO V
16.	EXISTING COAL CUTTING EDGE OF SEAM NO VI

SR. NO.	PARTICULARS	SHOWN AS
1.	MINE BOUNDARY	
2.	BORE HOLE	
3.	RIVER/NALA/CANAL	
4.	ROAD	
5.	ACCESS TRENCH	
6.	COAL STOCK YARD	
7.	SURFACE CONTOUR	
8.	QUARRY EDGE	
9.	BC SOIL DUMP	
10.	HARD STRATA DUMP	
11.	VILLAGE	
12.	EXISTING INFRASTRUCTURE	
13.	EMBANKMENT	
14.	E.C. BOUNDARY	

PLANTATION TARGET FOR NEXT FIVE YEARS I.E. FROM 2025-26 TO 2029-30			
YEARS	DUMP NO.	AREASHOWN PERIMETER(M.)	
2025-26	3	15 Ha.	3055 M.
2026-27	3	15 Ha.	2640 M.
2027-28	3	15 Ha.	2970 M.
2028-29	4	15 Ha.	1860 M.
2029-30	4	15 Ha.	1825 M.

WESTERN COAL FIELDS LIMITED
UMRER AREA
DINESH (MAKARDHOKDA - III) OCM
WORKING PLAN
SCALE: 1:10000
CERTIFIED THAT THE PLAN IS CORRECT
PLAN NO. : 15/2024/UMRER/2024
DATE: 1/1/2024

O/C