WESTERN COALFIELDS LIMITED (MINIRATNA COMPANY)

SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT

(From 01/04/2022 to 30/09/2022)

IN RESPECT OF

DINESH (MAKARDHOKRA-III) OPEN CAST PROJECT

MAKARDHOKRA SUB AREA UMRER AREA

Compliance of Environmental Clearance conditions in respect of proposed Dinesh (Makardhokra-III) OC Project of WCL as on 30/09/2022

Ref: MOEF Environment Clearance Letter No. J-11015/537/2008-I A. II (M) dated 29/11/2018 for 4.20 MTPA

A. Specific Conditions:

S.No	Compliance Condition	Status
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.	Complied. Environmental Clearance has been secured for Expansion of Dinesh (Makardhokra III) Opencast Project for the production capacity of 4.20 MTPA in land area of 919.63 ha, vide MoEF & CC letter no. F. no. J-11015/537/2008-IA-II (M) dated 29/11/2018 (Copy enclosed as Annexure-I).
		Consent to establish along with consent to operate for 4.20 MTPA has been secured from MPCB vide letter no. Format1.0/CAC/UAN No.0000062939/CO-2002001040 dated 25/02/2020 which was valid till 31/03/2021 (Copy enclosed as Annexure-II).
		Renewal application for consent to operate for production capacity of 4.20 MTPA was submitted to MPCB through its online portal dated 27/01/2021. Consent has been secured from MPCB vide letter no. Format 1.0/CAC/UAN No.MPCB-CONSNET-00001077252/CR/2211000598 dt 09/11/2022 (Copy enclosed as Annexure: III).
		Environmental clearance for the increase in the production capacity from 4.2 MTPA to 4.5 MTPA (MOEF OM No. J-11015/537/2008-IA. II (M) dated 26/05/2022) has been secured as per the provisions of OM vide no F. NO.IA3-22/10/2022-IA.III dated 07/05/2022 (Copy Enclosed as Annexure-IV).
		Subsequently, Consent to Establish for 4.5 MTPA has been secured vide letter no: Letter no. Format1.0/ CAC/ UAN No. MPCB-CONSENT-0000142418/ CE/ 2211001310 dt. 16/11/2022 (Copy enclosed as Annexure-V) and Consent to operate for 4.5 MTPA has been secured vide letter no. Format1.0/ CAC/ UAN No. MPCB- CONSNET-0000142515/ CO/ 2211001308 dt 16/11/2022, which is valid up to 31/03/2024 (Copy enclosed as Annexure-VI).
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	Complied. Transportation of coal from face to coal heap/ stock yard and coal heap/ stock yard to Coal Handling Plant is carried out by dumpers and tippers. All the trucks leaving the mine premises

	trucks.	are covered with tarpaulin.				
iii.	To control the production of dust at	Complied.				
	source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers.	In order to control generation of dust at source, Mist Spra Arrangement system (150 nos nozzles) is provided at Co Handling Plant. 10 nos of fixed water sprinklers are provide at CHP for dust suppression.				
		In addition, 03 nos of Trolley m provided at CHP. Proposal for nos of Trolley mounted mist/fog	procurement of additional 09			
iv.	Mitigative measures shall be	Complied.				
	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	Fugitive dust emissions from al are controlled by Fixed Water S approach road & coal transpo provided at railway siding and provided at all transfer points formation.	prinklers along weigh bridge, ortation road. Rain guns are d Mist spray arrangement is			
	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	In addition to fixed water spr mounted mist/fog generator; M are used in all three shifts for roads, haul roads, coal transpo yard. The Fugitive dust is also m under control.	Tobile Water tanker/sprinkler dust suppression at approach ortation roads and coal stock			
	arrangement at railway siding etc.	Details of Air pollution control measures installed:				
		• Automatic tyre washing system is installed at main check post of Umrer Area.				
		• 4 No. of mobile water ta 2 nos of 10 KL Capacity	ankers of 12 KL capacity and are in operation.			
		*	ers are installed along coal way siding, weigh bridge and ws:			
		Location	Nos. of fixed sprinklers			
		CHP	10			
		Siding	44			
		Along Coal stock approach Road and Weigh bridge	12			
		Along coal transportation road and Coal Stock Yard	24			
		• Mist Spray Arrangemen provided at CHP.	tt system (150 nos nozzles) is bunted mist/fog generator is			
		provided				

		• One no of truck mounted fog cannon is in operation.
		- ^ ^
v.	The company shall obtain approval of CGWA for use of groundwater for mining operations at its enhanced capacity of 4.2 MTPA.	Complied. Obtained NOC from CGWA for abstracting Ground Water (NOC No. CGWA/NOC/MIN/ORIG/2019/5548) which was valid up to 09/06/2021. Renewal application for NOC is submitted to CGWA on 07/06/2021, which is under process at CGWA, New Delhi.
		Copy of NOC is enclosed as Annexure – VII.
vi.	Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	Complied. For surveillance of occupational health among workers, Periodical Medical Examination (PME) is carried out compulsorily for each employee once in three year with the purpose of detecting and keeping records of diseases with specific importance of Coal Workers Pneumoconiosis. This is covered under Statute.
		Moreover, for every new employee Initial Medical Examination (IME) is also carried out for both departmental and contractual employee as per the provisions of the statute.
		During PME, the candidates are subjected to complete clinical examination (including acuity of vision and hearing) radiological examination of chest and routine examination of blood and urine.
		All the activities within the mine are carried out with complying safety aspect and regular awareness is created among employees regarding safety and to avoid any accidents. All the employees working in projects are provided with PPE like mask, ear muffs, helmets and protective shoes.
		Various national and International Days are observed to increase awareness and educate general population (e.g. No Tobacco Day/ No Smoking Day, World AIDS day, World Breast Feeding Week etc.).
		Regular Family Welfare (L.T.T.) Camps organized with the help of State Govt. Full Co-operation is extended to State Govt. for Pulse Polio immunization. Medical facilities are being extended to non-employees in all sorts of acute emergencies.
		 The details of the set up at Umrer Area Hospital are as follows: Periodical Medical Examination (PME) Centres: 1 (Occupational Health Centres) No. of Doctor engaged in Periodical Medical Examination: 3 No. of Doctor trained in Periodical Medical

vii.	Persons of nearby villages shall be given training on livelihood and skill	YearIME2020-211202021-221862022-23290(Till Sep 2022)290Copy of medical examination report as Annexure-VIII.beComplied.		3 Area Hospital, Umrer ructural facilities to garding occupational are given below: (Dept. & Cont.) PME 52 68 51 enclosed for reference	
	development to make them employable.	-	in the Group VTC of		
		villages and also livelihood and Development prog	in the Group VTC of self-employment. De grams are as follows:	Umrer Area for stails of Skill	
		villages and also livelihood and	in the Group VTC of self-employment. De grams are as follows: Training Programs	Umrer Area for tails of Skill	
		villages and also livelihood and Development prog	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and Electrician	Umrer Area for stails of Skill	
		villages and also livelihood and Development prog	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and	Umrer Area for tails of Skill No. of beneficiaries	
		villages and also livelihood and Development prog Year 2016-17	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and Electrician Office automation and Data entry operator Tailoring and Apparel	Umrer Area for tails of Skill No. of beneficiaries 85	
		villages and also livelihood and Development prog Year 2016-17 2017-18	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and Electrician Office automation and Data entry operator Tailoring and Apparel designing Beauty parlor, Tailoring	Umrer Area for tails of Skill No. of beneficiaries 85 26	
		villages and also livelihood and Development prog 2016-17 2017-18 2018-19	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and Electrician Office automation and Data entry operator Tailoring and Apparel designing Beauty parlor, Tailoring and Apparel designing Not conducted due to	Umrer Area for tails of Skill No. of beneficiaries 85 26 60	
		villages and also livelihood and Development prog 2016-17 2017-18 2018-19 2019-20	in the Group VTC of self-employment. De grams are as follows: Training Programs Apparel designing, Beauty parlor and Electrician Office automation and Data entry operator Tailoring and Apparel designing Beauty parlor, Tailoring and Apparel designing	Umrer Area for tails of Skill No. of beneficiaries 85 26 60 240	

viii.	To ensure health and welfare of nearby	Complied.			
	villages, regular medical camps shall be organized at least once in six months.	- Medical camps are organized on redular pasts by with			
		Details of medical below:	camps conducted	in last 5 years are given	
			No. of Medical	No. of	
		Year	camps	Beneficiaries	
		2018-19	57	4691	
		2019-20	34	1878	
		2020-21	3*	90	
		2021-22	27	1849	
		2022-23	21	1564	
		(Till Sep 2022)	21	1564	
		conducted during	lockdown period. r nearby villagers	ical camps couldn't be Free covid 19 testing on regular basis and a teted.	
		-	upport State Go	od, following initiatives overnment and Nearby	
		WCL Umrer Area initiatives during COVID-19 Period of Support – 2020-21, 2021-22			
		A. Support to Sta S No. Particular	te Government	1	
		1 Providing 5 Bir - BiPAP -	AP machine to State administration bi-level positive airway pressure	Remark State Govt hospital, Umrer and Kuhi	
		patient	achine is used for supporting breathing for s whose lungs are not operating efficiently oxygen concentrator machine	Chimur tehsil office for	
		2) 200 PPI	E kits pital bed and mattress	support to setting up Covid Care Centre(CCC facility)	
		B. Support to nea	urby communities		
		S No Particular 1 Ration packe 2 Food Packets		Count of packets 852 4750	
		C. Support to ZP	the second se		
			f schools supported	Amount 11	
			and Sanitizor to Students Oximeter, Thermal Gun, Soap, Sodium	1040 Provided to administration for	
		Нуро	chlorite, Sanitisor bottle	maintaining covid-19 protocols	
		S No. Particular		Nos. 3317	
				1671	
		All the employees of amounting to Rs. 3		lary to PM-Cares fund	
		S No. Par	nsed by WCL Umrer Area for Covid-19 Sup	Amount(Rs)	
		1 To	tal of A+B+C+E	47.23 Lakh	
		In addition to this,	a seminar and me	dical camps on Cardiac	
		issues and cervical spondylitis were conducted on 17/08/2022			
		in collaboration v	vith Wockhardt	Hospital for providing	
		awareness on the topic which was opened for employees of			
		WCL and all villagers. Around 183 persons were availed the			
		facility.			
	·	14			

Year No. of Beneficiaries who availed OPD facility 2018-19 2499 2019-20 2691 2020-21 1587 2021-22 2890 2022-23 1377 (Till Sep 2022) 1377 Being complied. The mine has started its operation on 25/11/2016. In 2022, 15,000 nos of trees have been planted over 6.00 ha through Madhya Pradesh Van Vikas Nigam. The species planted are Neem, Karanj, Sisso, Peltafarm, Gumohar, Saptapanni, 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. 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. Being complied. 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 is then pumped out on surface and fed into the surface sedimentation tak. This mine water is used for industrial purposes such as dust suppression, fire fighting and plantation etc. Domestic requirement of water is fulfilled by 02 nos. of tube well in Limer Colony		A Cancer detection camp was also organized with the support of Rashtrasant Tukdoji Cancer hospital at Umrer area through Area Hospital, WCL Umrer Area. This camp was also made opened for villagers and Employees of WCL. In coordination with govt. PHC, patients from 5 sub centres in our command area were ferried in our ambulances for giving access to this medical service to villagers. Asha workers of these villages were roped in supporting this initiative. Overall 87 persons were screened for oral, breast and cervix cancer. OPD facility is also provided for surrounding villages. No. of beneficiaries are mentioned below:		
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. Being complied. 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. Being complied. The mine has started its operation on 25/11/2016. In 2022, 15,000 nos of trees have been planted over 6.00 ha through Madhya Pradesh Van Vikas Nigam. The species planted are Neem, Karanj, Sisso, Peltafarm, Gulmohar, Saptapanni, etc. 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. Being complied. x. Efforts shall be made for utilizing alternate source. Being complied. 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 is then pumped out on surface and fed into the surface sedimentation tak. This mine water is used for industrial purposes such as dust suppression, fire fighting and plantation etc.		Year		
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As such mine water and water from bore well is being used		well in Umrer Colo	ny.	

		for industrial and domestic purpose 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.	Complied. Third party assessment of EC compliance will be carried out once in three years. The third part assessment of EC compliance has been undertaken through CSIR-NEERI (Expert Agency identified by Ministry). Inspection was carried out on 18/11/2021 in which no non compliances were observed.

B. General Conditions:

Sl.No	Compliance Condition	Status
(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.	Agreed. 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.	Agreed. 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. No change in technology, mining method, calendar programme and scope of working will be made without prior approval of the MOEF&CC.
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).	Agreed. Mining is being carried out as per the provisions outlined in approved mining plan as well as by abiding to the relevant laws 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,	Agreed. Project does not involve any forest land. In future also, no mining activity will be carried out in forest land without obtaining Forestry Clearance.

	2006 read with provisions of Indian forest act, 1927.	
(b)	Land Reclamation and Water Conserv	vation
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).	 Complied. Digital processing of the entire lease area using Remote sensing technique is done every year by CMPDIL. Reports of which are available on WCL website. The same is submitted to Ministry of Environment, Forest and Climate Change/ Regional Office on regular basis. Land Restoration / Reclamation monitoring report of Dinesh OC mine based on satellite data for the year 2021 is enclosed as Annexure –IX.
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 with due approval of the concerned State/GoI 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.	Complied. There is only one seasonal nallah (Amb Nallah) flowing through the mine lease. The surface drainage plan considering the presence of this nallah is prepared and implemented. The embankment is constructed along the Amb nallah (at the south side of nallah), as per the provision of approved Mining Plan. The height of the embankment provided to protect the mine along its boundary has been kept 6.00 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. Mining is being carried out as per the approved Mining Plan/EIA/EMP report and all precautions are being taken for avoiding any adverse impact on surface drainage as envisaged in the approved reports.
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	 Being Complied. Final mine void depth is 144.50 m (after Phase-II), as per approved Mining plan. As it exceeds more than 40 m, suitable engineering interventions will be provided for sustenance. The backfilled quarry will be reclaimed with plantation as per EMP in consultation with State Forest Department. Density of the plants will be maintained at 2500 plants per ha. The proposed water body of 152 ha of decoaled void will be gently sloped and upper benches shall be terraced and

	and shall be handled over to the	stabilized with plantation.				
	respective state government as specified in the guidelines for preparation of mine closure plan issued by the ministry of coal dated 27 th august, 2009 and subsequent amendments.	Post Mining activities will be taken up according to the approved Mine Plan/EIA/EMP. The mine closure plan is the integral part of approved mining plan/EIA/EMP as per the guidelines issued by MOC and being followed up.			n is the	
iv.	The entire excavated area, backfilling,	Being Complied.				
	external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/	Mining	g Plan ar	g work is being conduct nd shall be continued.		•
	"post mining" land-use pattern, which	Ũ		ompliance status of la	•	
	is an integral part of the approved Mining Plan and the EIA/EMP		0	larly to the Ministry of change/ Regional Offic		
	submitted to this Ministry. Progressive			liance Report.	te along wh	
	compliance status vis-a-vis the post mining land use pattern shall be	Land U	Use Plan	During Mining (as on 30)/09/2022)	
	submitted to the Ministry of Environment, Forest and climate		Sl No.	Particulars	Area in Ha	
	change/ Regional Office on six monthly basis.		1	Quarry Area (Excavation area)	143.788	
			2	External OB dumps	99.00	
			3	Rationalization/ Blasting zone	329.22	
			4	Infrastructure & Roads	7.77	
			5	Other area	339.852	
				Total	919.63	
v.	The top soil shall temporarily be stored	0	complie			
	at earmarked site(s) only and shall not			started its operation on 2		
	be kept unutilized for long. The top	-		n progress at earmarked s		
	soil shall be used for land reclamation and plantation purposes. Active OB			th proper slope. Till 31/09/2 cked in 134.75 Ha of land.	2022, 0.80 Mill	or top
	dumps shall be stabilised with native	son na	s been sta	a a a a a a a a a a a a a a a a a a a		
	grass species to prevent erosion and	This so	oil will be	e used as early as possible	e for reclamati	on and
	surface run off.	This soil will be used as early as possible for reclamation development of green belt.				
	The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled	OB generated is stored in external OB dump no. 1 and 2 of slope not exceeding 28° in ML area. All the dumps are active.				
	and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until	specie directe	s will s ed the re-	on of dump sites with pla tart only after the dum clamation will be contin- and report will be submit	ps get in-actiued till the same	ive, as me are

	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 maximum height, final slope with benches etc with reached in due course of operation. As planned,		As planned, the ould ultimately get stated earlier, the ter the dumps attain en excavated. 64.26
		Dump	Area in Ha	Height of Dump (m)
		External OB (Dump 2)	101.745	54
		External OB (Dump 3)	96.68	45
(c)	Emissions, Effluents, and Waste Dispo			
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 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.	Being complied. All the vehicles transporpermissible limit and truck covered with tarpaulin. If cameras. At present four- installed at main check post- are regularly monitored. Sea at main check post to check the mine premises are proper- Fugitive dust emissions fro- are controlled by Fixed- bridge, approach road & co- are provided at railway sidi- provided at all transfer po- formation. In addition to fixed water- mounted fogging cannon- Sprinklers are used in all th- approach roads, haul road- coal stock yard. The Fu-	s leaving the t is ensured c nos of Co t of Umrer An ecurity guard k whether al erly covered of m all the dus Water Sprin pal transportating and Mist s ints of CHP sprinklers & s & Mobile ree shifts for s, coal trans	e mine premises are l by using CCTV CTV Cameras are rea. CCTV footages s are also deployed l the trucks leaving or not. t generating sources aklers along weigh tion road. Rain guns spray arrangement is to prevent the dust c rain guns, Trolley e Water tankers / c dust suppression at portation roads and

		Details of Air pollution control	measures installed:		
		 Automatic tyre washing system is installed at main check post of Umrer Area. 4 No. of mobile water tankers of 12 KL capacity and 2 nos of 10KL Capacity are in operation. 			
			ers are installed along coal lway siding, weigh bridge and ows:		
		Location	Nos. of fixed sprinklers		
		CHP	10		
		Siding	44		
		Along Coal stock approach Road and Weigh bridge	12		
		Along coal transportation road and Coal Stock Yard	24		
		• Mist Spray Arrangemer provided at CHP.	nt system (150 nos nozzles) is		
		 One no of trolley mounted mist/fog generator is provided 			
			ed fog cannon is in operation		
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	The mine has started its operation on 25/11/2016. In 2022, 15,000 nos of trees have been planted over 6.00 ha of plain land through Madhya Pradesh Van Vikas Nigam. The species planted are Karanj, Jamun, Amla, Guava, Neem, Kala Sirus, Safed Sirus, Cassia, Shivan/Ghamar etc			
	transportation roads.	Year	Target (Nos)		
		2023-24	35,000		
		2024-25	35,000		
		Plantation will be carried out by Vikas Nigam (MPRVVN) us maintenance of four years after	nder long term MoU with		
		Density of the plants will be n ha.	naintained at 2500 plants per		
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	Being complied. The transportation of coal provisions and route proposed i	-		
	through the existing road passing	The coal transportation road is	properly maintained and it is		

r								
	through any village shall be avoided. In	directly connected to State Highways (BT road).						
	case, it is proposed to construct a	There is no village in the mine lease area and coal is not						
	"bypass" road, it should be constructed	transported through any village/ habitation. There is no need						
	so that the impact of sound, dust and	for bypass road.						
	accidents could be appropriately	for offense round						
	mitigated.							
iv.	Vehicular emissions shall be kept	Being complied.						
	under control and regularly monitored.							
	All the vehicles engaged in mining and	As per the present practice, the						
	allied activities shall operate only after	for all vehicles and the same v	will be continued. Details are					
		given below:						
	obtaining "PUC" certificate from the	M/S SAINIK MINING & ALLIED SERVICES LIMITED , MK						
	authorized pollution testing centres.		CHASIS NO. ENGINE NO. PUC EXPIRY					
		SR.NO VEHICLE NO. MODEL NO. TYPE 1 MH40BG-1040 VOLVO FMX 440 TIPPER	YV2XS02G4H8939142 665836 03.03.2022					
		2 MH40BG-1053 VOLVO FMX 440 TIPPER	YV2XS02G3H8939147 665867 04.03.2022					
		3 MH40BG-1059 VOLVO FMX 440 TIPPER 4 MH40BG-1060 VOLVO FMX 440 TIPPER	YV2XS02G1H8939146 665861 04.03.2022 YV2XS02GXH8939145 665855 04.03.2022					
		5 MH40BG-1062 VOLVO FMX 440 TIPPER	YV2XS02G0H8939140 665821 04.03.2022					
		6 MH40BG-1066 VOLVO FMX 440 TIPPER 7 MH40BG-1631 VOLVO FMX 440 TIPPER	VV2XS02GXH8939159 665914 04.03.2022 VV2XS02G2H8939530 669730 04.03.2022					
		8 MH40BG-1632 VOLVO FMX 440 TIPPER	YV2XS02G4H8939531 669733 04.03.2022					
		9 MH40BG-1634 VOLVO FMX 440 TIPPER 10 MH40BL 8083 VOLVO FMX 440 TIPPER	YV2XS02G8H8939533 669739 04.03.2022 YV2JS02G8D8914339F16 402603 04.03.2022					
		(Copy of PUC certificates is en	closed for reference as					
		Annexure-X).						
v.	Coal stock pile/crusher/feeder and	Complied.						
	breaker material transfer points shall	Fugitive dust emissions from a	ll the dust generating sources					
	invariably be provide with dust	are controlled by Fixed Wa	ter Sprinklers along weigh					
	suppression system. Belt- conveyors	bridge, approach road & coal th	ransportation road. Rain guns					
	shall be fully covered to avoid air	are provided at railway siding a	and Mist spray arrangement is					
	borne dust. Side cladding all along the	provided at all transfer points	of CHP to prevent the dust					
	conveyor gantry should be made to	formation.	*					
	avoid air borne dust.							
	avoid all boille dust.	Side cladding is provided alon	a helt conveyors. Drills have					
	Drills shall be wet operated or fitted	0 1	g ben conveyors. Drins have					
	with dust extractors.	wet drilling arrangement.	11 1					
		Details of Air pollution control	measures installed:					
		Automatic tyre washin	g system is installed at main					
		check post of Umrer A	rea.					
		• 4 No. of mobile water t	tankers of 12 KL capacity and					
		2 nos of 10 KL Capacit	ty are in operation.					
		• 90 nos fived enrink	ers are installed along coal					
			lway siding, weigh bridge and					
		CHP, details are as foll						
1		Location Nos. of fixed sprinklers						
			-					
		CHP	10					
			-					

		Road and W	/eigh bridge					
			transportatio					
			al Stock Ya		24			
		Toud und Co	Jui Block I u	14				
		• Mist Spray Arrangement system (150 nos provided at CHP.						
		One r provid	•	y mounted m	ist/fog gen	erator is		
		• One no	o of truck me	ounted fog can	non is in op	peration.		
vi.	Coal Handling Plant shall be operated	Being complie	d.					
	with effective measures viz. bag filters/	Coal handling		eing maintain	ed with m	ist type		
	water or mist sprinkling system etc. to	water sprinkli						
	check fugitive emissions from crushing operations, conveyor system, transfer	trolley mount fugitive emissi			er to arre	st/check		
	points, etc.	In addition to	the mist s	praving arrang	gement. fix	ed type		
		water sprinklin						
		generators has	been provid	ed.				
		90 nos. fix	ed sprinkle	ers are inst	alled alor	ng coal		
		transportation						
		details are as fe		<i>, , ,</i> , ,	, 0	,		
		Lo	cation	Nos. of f	fixed sprin	klers		
		CHP	cution		10	inci s		
		Siding			44			
			stock approa	ach	12			
1		Along Coal stock approach Road and Weigh bridge 12						
					12			
		Along coal	transportatio	on				
		Along coal		on	24			
		Along coal road and Co	transportatio bal Stock Ya	on rd	24			
		Along coal road and Co Air quality par	transportatio bal Stock Ya rameters are	n rd being monitor	24 red by CM			
		Along coal road and Co Air quality par fortnightly bas	transportatio oal Stock Ya rameters are is. Maximur	n rd being monitor n and minimu	24 red by CM im concent	ration of		
		Along coal road and Co Air quality par	transportatio bal Stock Ya rameters are is. Maximur PM, PM ₁₀ ,	being monitor n and minimu NO _X , SO _X	24 red by CM im concent and PM _{2.5})	ration of as per		
		Along coal road and Co Air quality par fortnightly bas parameters (S	transportatio bal Stock Ya rameters are is. Maximur PM, PM ₁₀ ,	being monitor n and minimu NO _X , SO _X	24 red by CM im concent and PM _{2.5})	ration of as per		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental	transportatio bal Stock Ya rameters are is. Maximur PM, PM ₁₀ ,	being monitor n and minimu NO _X , SO _X	24 red by CM im concent and PM _{2.5}) April 22 to Concent	ration of as per Sep 22) ration		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows:	transportatio oal Stock Ya cameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/	being monitor n and minimu NO _X , SO _X a report (from 2	24 red by CM im concent and PM _{2.5}) April 22 to Concent (24 hor	ration of as per Sep 22) ration urly		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer	being monitor n and minimu NO _x , SO _x a report (from A	24 red by CM im concent and PM _{2.5}) April 22 to Concent (24 hor values in	ration of as per Sep 22) ration urly µg/m ³)		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows:	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer Zone	being monitor n and minimu NO _X , SO _X a report (from A Permissible limit	24 red by CM im concent and PM _{2.5} April 22 to Concent (24 hor values in Min	ration of o as per Sep 22) ration urly µg/m ³) Max		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows:	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer Zone Core	being monitor n and minimu NO _X , SO _X a report (from 2	24 red by CM im concent and PM _{2.5}) April 22 to Concent (24 hor values in Min 210	ration of as per Sep 22) ration urly µg/m ³) Max 360		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows: Parameters	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer Zone Core Buffer	being monitor n and minimu NO _X , SO _X a report (from A Permissible limit 600	24 red by CM im concent and PM _{2.5} April 22 to Concent (24 hor values in Min 210 104	ration of as per Sep 22) ration urly µg/m ³) Max 360 159		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows: Parameters	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer Zone Core Buffer Core	being monitor n and minimu NO _x , SO _x a report (from 2 Permissible limit 600 - 300	24 red by CM im concent and PM _{2.5}) April 22 to Concent (24 hor values in Min 210 104 135	ration of as per Sep 22) ration urly µg/m ³) Max 360 159 274		
		Along coal road and Co Air quality par fortnightly bas parameters (S Environmental is as follows: Parameters SPM	transportation oal Stock Ya rameters are is. Maximur PM, PM ₁₀ , monitoring Core Zone/ Buffer Zone Core Buffer	being monitor n and minimu NO _X , SO _X a report (from A Permissible limit 600	24 red by CM im concent and PM _{2.5} April 22 to Concent (24 hor values in Min 210 104	ration of as per Sep 22) ration urly µg/m ³) Max 360 159		

			Buffer	80	1	1	16
			Core	120	BI		13
		SO ₂	Buffer	80	BI		BDL
			Core	-	3		60
		PM _{2.5}	Buffer	60	2		37
			Duilei	00	2	1	57
		It may be seen to the permissible The Monitoring OCP is enclosed	limits. 3 Report ii	n respect of			
vii.	Ground water, excluding mine water,	Being complied	l .				
	shall not be used for mining operations.		. 10				
	Rainwater harvesting shall be	Ground water is	not used for	or any mining	g operat	tions.	
	implemented for construction and augmentation of ground water resources.	Rainwater harv below:	vesting me	easures impl	lemente	ed ar	e listed
		 The Mine sump (Capacity: 93 Million gallons) is unlined and have potential for augmentation of ground water resources. A Check Dam is also provided at Lal Puliya Railway Bridge. Dimensions (Length-55 m, height-1.2 m from river bed) 					
		Location	Storag capacity Volum (m ³)	e Numb	er 1gs	yea rech (a*b*	nated arly arge ¢0.75)
			(a)			(m ³ /	year)
		Check Dam on Amb river near Umrer OC Expn. Mine	31350) 3		7	0537
		Note: Annual R storage (in m3/y	•	e to Check I	Dam =	75%	of gross
		Where gross sto		age capacity	x no. o	f fillii	ngs
			-	r harvesting Canteen build	-	-	
		Location	Roof Area (m ²)	Rainfall	Runof f Coeffi	Yo Rec	mated early charge n ³ /Y)

					cient		
		Area General Manager office	850	1200	0.85	867	
		Canteen of Umrer Sub- Area office	170	1200	0.85	173	
					Total	1040	
		Note: Water available (in liters) = Annual rainfall Roof area (in sq.m.) x Runoff Coefficient (for contop value is taken-0.85) Unused/vacant land (35.78 %) within the lease continuing the ground water recharge.					
viii.	Catch/ garland drains and siltation	Being Complied.					
	ponds of appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run	To arrest the flow are taken:	v of silt a	and sedime	ents, follo	wing actions	
	off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and	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.					
	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	ii) The silt and through cross dra having capacity suspended particle	inage into of 2400	o the sump	p (80m x	150m x 2m)	
	be regularly desilted particularly before onset of monsoon and maintained properly. Sump capacity should	iii) The drain and monsoon.	l sumps a	re desilted	before or	nset of every	
	provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression	Sump capacity is adequate to allow proper settlement of particles. Water collected in the sump is utilised for due suppression measures. The catch drains at the toe of the dump provide a protection measures against flow of silt and sediments. A such no separate construction of toe wall is required.					
	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 from CHP,	Being complied.				
	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	The effluent from workshop is treated in ETP provided wi oil & grease trap (capacity: 150 KLD). Treated effluent recycled and used in workshop for washing of HEMM. The quality water is monitored fortnightly and adequa measures will be taken (if need arises) to maintain th quality of water within permissible limits. Maximum and minimum concentration of Water parameter as per Environmental monitoring report (from April 2022 Sep 2022) is as follows:				
	adequate capacity shall be installed for	Concentration (mg/L)				
	treatment of domestic waste.	ParametersPermissible LimitMinMax				
		pH 5.5 to 9.0 7.45 8.17				
		TSS 100 26 40				
		COD 250 24 88				
		O & G 10 BDL				
		The Monitoring Report in respect of Makardhokra – II OCP is enclosed as Annexure-IX.				
		The domestic sewage disposal arrangement of 0.3 MLI capacity using Phytorid technology is provided in combine township of Umrer area where employees of Makardhokra-II OC project reside.				
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.	 Groundwater recharge measures taken up are listed below: The Mine sump (Capacity-93 Million gallons) is unlined and have potential for augmentation of 				
		Presently, no water shortage has been observed in the nearby villages. However, if there is any water shortage in future it will be supplemented by necessary arrangement based on the requisition of the villagers				
(d)	Illumination, Noise & Vibration Contr					
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	Complied. Adequate lighting arrangements are provided in min- premises to meet DGMS standards. These are monitored regularly by lux meter.				
		Copy of illumination survey report is enclosed as Annexure				

	basis.	XII.							
ii.	Adequate measures shall be taken for	Com	Complied.						
	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	Noise pollution control measures are being implemented Personnel working in operating mine are being provide with PPE like Ear plugs/ muffs. Numbers of Ear Plugs issued in last 4 years are give below:						vided	
	prescribed norms/ guidelines in this	G	l.No.	•	Year	Nos of	ear plugs		
	regard. Adequate awareness	5	I.INO.		rear	pro	vided		
	programme for users to be conducted.		1)19-20		54		
	Progress in usage of such accessories to be monitored.		2)20-21		59		
	to be monitored.		3)21-22	2	45		
			5)22-23 Sep 2022)	-	16		
iii.	Controlled blasting techniques shall be practiced in order to Mitigative ground vibrations and fly rocks as per the guidelines prescribed by the DGMS.	Regular awareness programmes are also undertaken at VTC. Being complied. 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. Report is enclosed as Annexure-XIII.							
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.	 Being complied. 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. Noise level, as per Environmental monitoring report (from April 22 to Sep 22) is as follows: 							
					Noise	e level in dB	B(A)]	
			Ti	me	Permissible limit		Max		
			Near	Pit Off	lice	I	тт	1	
			Day	time	75	51.9	56.4		

		Night time 70 50.7 55.7						
		The Monitoring Report in respect of Makardhokra – III						
		OCP is enclosed as Annexure-XI.						
(e)	Occupational Health & Safety							
i.	The project Proponent shall undertake	Being complied.						
	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	Periodical Medical Examination (PME) is carried out compulsorily for each employee once in three year with the purpose of detecting and keeping records of diseases with specific importance of Coal Workers Pneumoconiosis. This is covered under Statute. During PME, the candidates are subjected to complete clinical examination (including acuity of vision and hearing)						
	engaged in active mining operations shall be subjected to health check up for occupational diseases and hearing impairment, if any.	radiological examination of chest and routine examination of blood and urine. In case some abnormality is detected during the course of the above examination further investigations are carried out						
		as required. When a person is diagnosed with a certain disease, he/ she is referred to the concerned specialist for confirmation and initiation of treatment.						
		If, on radiological examination, a person is suspected to be having Coal Worker's Pneumoconiosis he is referred to WCL Pneumoconiosis Board. There is a team of specialist trained in Pneumoconiosis, examine him and comes to a conclusion as to whether he suffers from Coal Worker's Pneumoconiosis or not, compensation to be paid and his fitness for continuing his job. In suitable cases, as per the recommendation of the Apex Medical Board, there is provision for change of job.						
		Various national and International Days are observed to increase awareness and educate general population (e.g. No Tobacco Day/ No Smoking Day, World AIDS day, World Breast Feeding Week etc.).						
		Regular Family Welfare (L.T.T.) Camps organized with the help of State Govt. Full Co-operation is extended to State Govt. for Pulse Polio immunization. Medical facilities are being extended to non-employees in all sorts of acute emergencies.						
		 The details of the set up at Umrer Area Hospital are as follows: Periodical Medical Examination (PME) Centres: 1 (Occupational Health Centres) 						

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.	As person and person a	Exa No. Exa No. No. No. No. No. No. No. No. Even the nined of seen from the surve the surve surve surve surve the surve surve surve surve surve surve the surve	mination: of Do mination: of X-Ray of Audio of Spiror of pathol of X-Ray of Labor of ECG T Statute/ I nce in 3 you m the ab L is havi the statut y of all en ME/PME Year 020-21 021-22 022-23 Sep 2022 Died. osed to d ust masks	: 3 actor : 2 y mach ometer logy L y Tech ratory ' Fechni DGMS cory of mploy done : 2) lusty a s with	trained nines (50 units: 1 units: 1 abs: 1 unicians: Technic cians:2 S guidel etails the class 3 the in obligation rees. in last 3 No. 0 IM 12 18 29 ureas are goggles.	in 00 m 1 ians: lines nat A frast year f wo 6 0 6 0 7 7 7 8 9 1 1 1 1 1 1 1 1		Medical orkers are al, Umrer cilities to supational below: . & E 2 3
		belo		Ye			Neg	of Dust Ma	alta
		6	1.1NU.	16	ar		1105	provided	15K5
			1	2019				182	
			2	2020				136	
			3	2021				89	
			4	2022 (Till (15	
		-		ute all p	personi		-	in mines a d health as	-

	1	1:66	Sea heath dearanta		
		different trades f	or both departi	nental and co	ntractual
		workers.			
		Number of persons below:	s given training i	n last 3 Years	are given
			No	. of workers	
		Year	Departmental	Contractual	Total
		2020-21	28	102	130
		2021-22	105	140	245
		2022-23	27	231	250
		(Till Sep 2022)			258
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.	Certifica I hereby certify that Shri+ S/o/D/o/W/o* (Thana) Police Station Dist has between* that between the training	WESTERN COALFIELDS LIT Forn A Rule-28 (1) te to Initiating for an end of surface Werking/below ground in non gasay million Sprinth: Remained Yacles initial 27107/2020 to 07108 grouping chapter II of the mines Vocational open cast working */and below ground in non Job training date - Fre Feed back test date - Total days - Signed Date - Signed Dat	Antre Via	Page as OGMS is apployees

			No	of workers		
		Year	Departmental	Contractual	Total	
		2020-21	28	102	130	
		2020-21	105	102	245	
		2022-23				
		(Till date)	27	231	258	
(f)	Ecosystem and Biodiversity conservati	Certificates of Tr Annexure-XIV.	raining are encl	osed for refer	ence as	
<u>i.</u>	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. As such, no precautionary measures are needed for conservation and protection of endangered flora / fauna.				
(g)	Public Hearing, R&R & CSR					
i.	Implementation of 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 out R&R Policy of the Company/ or the National R&R Policy/R&R Policy of the State Government, as applicable.	 notification The Employapproved 24.10.2015 Compensat Monitory c Total: 1065 Land comp 	as Annexure: XV e present status of ied u/s 9(i) of 0 dated 11.08.2012 oyment Roll of 1 by WCL Board ory jobs provided: ompensation prov 5 nos ensation paid till c ompensation paid: Hewati village is 5.92 crore, consid site is under co	V. ² land acquisition CBA Act vide ² 234 against 133 in 270 th med ² 908 nos ided: 157 nos late: 346.59 Cro ³ 30.167 Crore ⁴ proposed with dering 360 nos ponstruction nea	Gazette 85.54 ha eting on re re n capital of PAF.	

ii.	The project proponent shall ensure that	Being complied.				
	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 12 years:				
		Year Rs. in lakhs				
		2021-22 46.84				
		2020-21 53.17				
		2019-20 64.80				
		2018-19 12.01				
		2017-18 15.84				
		2016-17 6.09				
		2015-16 8.46				
		2014-15 39.98				
		2013-14 216.88				
		2012-13 152.98				
		2011-12 85.80				
		2010-11 49.59				
		 *CSR funds for the year 2015-16 and 2016-17 were diverted to Swaccha Bharat Abhiyan. The activities broadly include: Construction of WBM and CC road at nearby villages Construction of Well and Storage arrangement and pipe line for providing drinking water Installation of RO plant at nearby villages and ZP schools. Construction of Green Haat at village Construction of Compound wall at ZP Schools. Skill development training for nearby villagers. 				
iii.	The project proponent shall follow the	Being complied.				
	mitigation measures provided in the Ministries OM No.Z-11013/5712014- IA.I1 (M), dated 29th October, 2014, titled "Impact of mining activities on	There is no habitation/village in the mine lease area. Nearest village (Hewati Village) is approx. 1200 m north from the mine boundary.				
	Habitations-Issues related to the mining Projects wherein Habitations	The coal transportation route lies in the south of mine lease area which is approx. 2050 m away from the Hewati village. Approx. 75 - 80% coal is transported through rail to all the				

	and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	transported through tarpaulin covered trucks. The coal transportation road is properly maintained and it is directly connected to State Highways (BT road). However, rehabilitation of Hewati village is proposed with capital provision of Rs. 35.92 crore, considering 360 nos of PAF. The rehabilitation site is under construction near Udasa village on Umrer- Nagpur Highway. Monitoring station is set up in this village for regular monitoring of ambient air and noise. Analysis results of the same for the month, Sep 22 is given below: Image: Date(dd:mmyy) of SAMPLING HEOTI VILLAGE: [UM10N3]				
		MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A) DAY TIME	NIGHT TIME	
			DETECTION LIMIT	20	20	
		SEP'2022	06-09-2022	42.3	41.6	
		SEP'2022	26-09-2022	42.3	41.5	
			ION (REGULATION AND TROL) RULES	55	45	
		Hewati village (May), monso winter (Janua level has beer enclosed as A All blasting p of Director (vibration stud	toring of Ground Y e for four times a y yon (August), post- ry). Till date, no a recorded. Ground nnexure: XVII. ractices are carried General of Mines ly is conducted for Peak Particle V mit.	ear i.e. during p -monsoon (Nov depletion in gu l water monitor d out as per the Safety (DGM or Hewati villa	ember), and round water ing report is e permission (S). Ground age and the	
iv.	The Project Proponent shall make	Not applicabl	e.			
	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.	As per the bas zone of the	seline data there is project. So, there gement for livestoc	is no necessity		
(h)	Corporate Environment Responsibilit	V				
(11)	Corporate Environment Responsibilit	J				

i.	The Company shall have a well laid	Complied.
	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	 Coal India Limited (CIL) has formulated a comprehensive Environment Policy only in March 2012, followed by a revised policy in December 2018 approved by CIL Board in its 377th Meeting held on 20th December'2018 for implementation at CIL and its subsidiaries. This Corporate Environment Policy 2018 of CIL was subsequently discussed in the 309th Meeting of the Board of Directors of WCL held on 04.03.2019. After deliberation, WCL Board has adopted the policy in principle for implementation in WCL and the same was communicated vide Ref: WCL/BD/SECTT/BM-309/2019/267 dated 15.03.2019.
	Directors and/or shareholders or stakeholders.	For monitoring of EC/FC norms & conditions, an online MDMS portal (Mine Data Management System) of MoC, GoI is already existing where in the environmental data namely, air quality, water quality, noise quality data are uploaded and regularly updated. In addition to that, compliance report of each condition of EC is also uploaded in the portal and the same is also updated every six months.
		This management system has the access of CIL & MoC 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

iv.	should be displayed on website of the Company. 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.	Complied. 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, Umrer Sub
		Area, Staff Officer (Civil), Umrer Area. At Project level, it is headed by Sub-Area Manager, Umrer Sub Area and assisted by Mine Manager/Safety Officer, Umrer Sub Area, Survey Officer, Umrer 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	Being complied.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 till date is given below:

	for any other purpose. Year wise progress of implementation of action	Financial Year	Expenditure (Rs. Lakhs)	Remarks			
	plan shall be reported to the Ministry / Regional Office along with the Six		15.44	Construction of sedimentation tank			
	Monthly Compliance Report.	2016-17	30.99	Construction of Effluent Treatment plant and washing ramp			
			10.90	Construction of building for housing of CAAQMS			
		2017-18	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			
vi.	Self Environmental Audit shall be conducted annually. Every three years, a third-party environmental audit shall be carried out.	Internal environmental audit system has been setup in the					
(i)	Statutory Obligations	Note 1					
i.	Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Court,	Noted					

	NGT and any other Court of Law, from time to time, and as applicable to this project.	
ii.	This Environmental Clearance shall be obtaining wildlife Clearance, if applicable from the Standing Committee of National Board for Wildlife.	Not applicable as there are no endangered flora/ fauna in core and buffer zone as per baseline data generated for EIA/EMP.
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.	Complied. Consent to establish along with consent to operate for 4.20 MTPA has been secured from MPCB vide letter no. Format1.0/CAC/UAN No.0000062939/CO-2002001040 dated 25/02/2020 which was valid till 31/03/2021 (Copy enclosed as Annexure-II).
		Renewal application for consent to operate for production capacity of 4.20 MTPA was submitted to MPCB through its online portal dated 27/01/2021. Consent has been secured from MPCB vide letter no. Format 1.0/CAC/UAN No.MPCB-CONSNET-00001077252/CR/2211000598 dt 09/11/2022 (Copy enclosed as Annexure: III).
		Subsequently, Consent to Establish for 4.5 MTPA has been secured vide letter no: Letter no. Format1.0/ CAC/ UAN No. MPCB-CONSENT-0000142418/ CE/ 2211001310 dt. 16/11/2022 (Copy enclosed as Annexure-V)and Consent to operate for 4.5 MTPA has been secured vide letter no. Format1.0/ CAC/ UAN No. MPCB- CONSNET-0000142515/ CO/ 2211001308 dt 16/11/2022, which is valid up to 31/03/2024 (Copy enclosed as Annexure-VI).
iv.	The project proponent shall obtain necessary permission of the Central Ground Water Authority (CGWA).	Complied. Obtained NOC from CGWA for abstracting Ground Water (NOC No. CGWA/NOC/MIN/ORIG/2019/5548) which was valid up to 09/06/2021. Renewal Application is submitted to CGWA on 07/06/2021, which is under process at CGWA, New Delhi. Copy of NOC is enclosed as Annexure – VII.
(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	 Being complied. 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

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.

- Railway Weigh Bridge
- Pipardol Village
- Welsakara Village

Maximum and minimum concentration of parameters (SPM, PM_{10} , NO_X , SO_X and $PM_{2.5}$) as per Environmental monitoring report (from April 22 to Sep 22) is as follows:

Parameters	Core Zone/ Buffer	Permissible limit	Concent (24 ho values in	urly µg/m ³)
	Zone		Min	Max
SPM	Core	600	210	360
Buffer Buffer		-	104	159
DM	Core	300	135	274
PM_{10}	Buffer	100	58	82
NO	Core	120	12	24
NO _x	Buffer	80	11	16
50	Core	120	BDL	13
SO_2	Buffer	80	BDL	BDL
D) (Core	-	33	60
PM _{2.5}	Buffer	60	21	37

The Monitoring Report in respect of Makardhokra – III OCP is enclosed as Annexure-XI.

One Online Continuous Ambient Air Quality Monitoring Station has also been set up in consultation with MPCB and is in operation.

Monitoring of heavy metals is being carried out once in six months by CMPDIL and the report of the same is submitted to MOEF & CC Nagpur & Maharashtra Pollution Control Board. Analysis result of the same is tabulated below:

			ronment La PDI RI-IV, N		Test Rep quali		ing data for	Ambient Air heavy metals	TC	-7102
		TEST REP	ORT NO.	RIN/TR/JUNE	/HM20			DATE OF IS	SUE	27-08-2022
		NAME O	F CUSTOMER	GM(ENV.),W	CL(HQ), NAGPL			SAMPLE DI	ESCRIPTION	AIR SAMPLE
		TEST REC	ER LETTER REFE		WCL/HQ/ENV As, Pb, Ni, Cr &					
			F AREA F PROJECT ges	UMRER DINESH OC 1					METHOD : LSOP 4 PLAN : LQR 47	
		SI No.	MANAGER OF	Name of I	ocation			Location Code UM3OA-1	Date of sampling 03-05-2022	-
			NEAR RAILWA		GE			UM3OA-2 UM3OA-3	13-05-2022 10-05-2022	_
			WELSAKRA VIL					UM3OA-4	11-05-2022	
		SI, No.	Deservator	Method of	Detection			Observed Value		National Ambient Air Quality
		SI. NO.	Parameter	analysis	limit	UM30A-1	UM30A-2	UM3OA-3	UM3OA-4	Standard NAAQS, 2009
		1	Arsenic, µg/m ³	ASTM D 4185	0.0007 µg/m ³	BDL	BDL	BDL	BDL	0.006 µg/m ³ (Annual average)
		2	Lead, µg/m3	IS 5182 PART	0.007 µg/m3	0.0081	0.0076	BDL	BDL	1.0 µg/m ³ (24 Hourly average)
		3	Mielde unter	ASTM D 4185	0.007 µg/m ³	BDL	BDL	BDL	BDL	0.02 µg/m3 (Annual average)
			Nickle, µg/m ³ Total Chromium,							(Allitual average)
		4	µg/m ³ Cadmium,	ASTM D 4185 ASTM D 4185	0.0045 μg/m ³ 0.0015 μg/m ³	BDL	0.0048 BDL	BDL	BDL	**
		5	µg/m ³	A3110 9 103	0.0015 µg/m	BDL	BDL	000	BUL	
								BDI	BELOW DETECTION	ON LIMIT
			Trat	; bhay					R	eh-
			SCIENTIFIC	ASSISTANT						ISHU SAHU FD SIGNATORY
			y of h exure -	•	metal	mo	nitori	ng report	is enc	losed as
		1 1111	onure							
ii.	The Ambient Air Quality Monitoring	Bein	g com	plied.						
	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		stry s 2000 aharas	tandar & repo htra P	rds n orts ar ollutio	otifie e sub n Co	d vi mitte ntrol	ionitored de GSR d to MOE Board. losed as A	742(E EF & CC	E) dated C Nagpur
	Control Board. Data on ambient air quality and heavy metals such as Hg,				•	-				
	As, Ni, Cd, Cr and other monitoring	Monitoring of heavy metals is being carried out once months by CMPDIL and the report of the same is sub								
	data shall be regularly reported to the	to M	IOEF	& CC	Nagp	ur &	Mah	arashtra F	ollution	n Control
	Ministry/ Regional Office and to CPCB/SPCB.		d. Cop nnexu	•	•	meta	l moi	nitoring re	eport is	enclosed
iii.	Effluent discharge (mine waste water,	Bein	g com	plied.						
	in terms of the parameters notified under the Coal Industry Standard notified vide GSR 742(E) dated 25.9.2000 and as amended from time		• •				-	ter is mon 5-05-2000		ortnightly
				ironme	ental n	nonite		ration of V report (fre	-	

				Concentration (mg/L)			
			Parameters	Permissible Limit	Min	Max	
			Ph	5.5 to 9.0	7.34	8.0	
			TSS	100	24	40	
			COD	250	28	72	-
			0 & G	10		DL]
		Сору с	of Monitoring R	eport is enclosed	d as An	nexure	- XI.
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.	Enviro Nagpur compa Report	e and MPCB o ny website also s enclosed as A	nnexure-XI.	and dis		on the
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 Climate Change / Regional Office.	Regula wells a Umrer monsoo (Nover Quality for 6 lo Ground R.O., M Ground XVII.	at 40 locations Colony is done on (May), m nber), and wint of groundwate ocations in Buff d water level ar MoEF& CC, Na d water monito		and 2 a year i gust), 500: 20 ear. oring re A on reg nclosed	piezom i.e. duri post-m 12 is a eport is gular ba l as An	eters in ng pre- nonsoon nalyzed sent to asis. nexure:

		piezon	nete		talled in	core	y CGWA, 2 nd zone for contin	
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 742(E) Enviro along	qua) of onm with s gi	dated 25-0: ent, Forest	5-2000 and and Climat	repor te Cha eport.	ed regularly as per t is sent to Minis ange / Regional C Analysis result	try of Office
			TEST REP NAME OF	ORT NO. RIN/TR/JUNE-2 CUSTOMER GM(ENV.), WCU R LETTER REFERENCE NO. AREA UMRER PROJECT UMRER OC	2/5W29	D/ SA ATED: 25.03.2023	ATE OF ISSUE 28-07-22 IMPLE DESCRIPTION WATER SAMPLE	
			NAM	E OF LOCATION: UP STREAM OF A	MB RIVER WRT MINE DISCHARGE	DETECTION	SAMPLING DATE: 11-05-22 ANALYSIS RESULT	
			1	pH Value	IS 3025 Part-11 Electrometric Method: 2017	2	7.7	
			2	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method: 2017	1	2	
			3	TDS -mg/I	IS 3025 Part-16 Gravimetric Method: 2017 IS 3025 (Part 39): 1991 (RA	25	662	
			4	Oil & Greese - 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	2.9	
			7	Arsenic (As)-mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	BDL	
1			8	Lead as (Pb) -mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017	0.005	BDL	
1			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 IS 3025 Part-49 AAS Flame	0.03	BDL	
l			11	Zinc as (Zn) -mg/l	Method:2014 APHA, 23rd Edition 3114 C	0.01	BDL	
l			12	Selenium (Se)mg/l Cadmium as (Cd)mg/l	AAS-VGA Method:2017 APHA, 23rd Edition 3113 B	0.005	BDL	
			13	Fluoride (as F)- mg/l	AAS GTA Method:2017 APHA, 23rd Edition 4500-F D	0.0005	0.68	
			15	Iron (as Fe) -mg/l	SPADNS Method: 2017 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:	0.5	2.34	
			17	Sulphate (as SO4 ⁻²) -mg/l	2017 APHA (23rd Edition) 4500E	2	102.38	
			18	Chlorides (as Cl)- mg/l	Turbidimetric Method:2017 IS 3025 Part-32 1988	2	164	
					Argentometric Method:2014	_	BDI : BELOW DETECTION LIMIT	
				K-Mally			DEEPANSHU SAHU	
				SCIENTIFIC ASSISTANT			AUTHORIZED SIGNATORY	
l								

				ironment Laboratory	Test Re		**]
				IPDI RI-IV, NAGPUR	Surface water quality		lata	
					22/SW30 L(HQ), NAGPUR WCL/HQ/ENV/14-I/206-220 D		ATE OF ISSUE 28-07-22 AMPLE DESCRIPTION WATER SAMPLE	
			NAME OF	PROJECT UMRER OC		s	AMPLING METHOD: LSOP 5 AMPLING PLAN: LQR 47	1
			NO. OF P	E OF LOCATION: DOWN STREAM	OF AMB RIVER WRT MINE DISCHA	RGE	SAMPLING DATE: 11-05-22	1
			SL. NO.	PARAMETER	TEST METHOD	DETECTION	ANALYSIS RESULT	
			1	pH Value	IS 3025 Part-11 Electrometric Method: 2017	2	7.94	_
			2	Colour (Hazen) TDS -mg/l	IS 3025 Part-4 Pt-Co Method: 2017 IS 3025 Part-16 Gravimetric	1 25	3 904	
			4	Oil & Greese - mg/l	Method: 2017 IS 3025 (Part 39): 1991 (RA 2003) Partition gravimetric	2	BDL	-
			5	Dissolved Oxygen - mg/l	Method IS 3025 (Part-38):1989 (RA 2003) Winkler Azide Method	0.1	4.2	-
			6 7	B.O.D. (3 days at 27°C) - mg/l Arsenic (As)-mg/l	IS 3025 Part 44 : 1993 (RA 2014) APHA, 23rd Edition 3114 C AAS-VGA Method:2017	0.005	3.4 BDL	-
			8	Lead as (Pb) -mg/l	APHA, 23rd Edition 3113 B AAS GTA Method:2017 APHA, 23rd Edition 3500-Cr B	0.005	BDL	-
			9	Hexavalent Chromium -mg/l	Colorimetric Method: 2017 IS 3025 Part-42 AAS Flame	0.01	BDL	-
			10	Copper (as Cu) -mg/l Zinc as (Zn) -mg/l	Method :2014 IS 3025 Part-49 AAS Flame Method:2014	0.03	BDL	-
			12	Selenium (Se) –mg/l Cadmium as (Cd)- mg/l	APHA, 23rd Edition 3114 C AAS-VGA Method:2017 APHA, 23rd Edition 3113 B	0.005	BDL BDL	1
			13	Fluoride (as F')- mg/l	AAS GTA Method:2017 APHA, 23rd Edition 4500-F D SPADNS Method: 2017	0.0005	0.79	
			15	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method:2014 APHA, 23rd Edition 4500-NO ³ B	0.06	BDL 2.58	-
			16	Nitrate Nitrogen - mg/l Sulphate (as SO4 ⁻²) -mg/l	UV Spectrophotometric Method 2017 APHA (23rd Edition) 4500E	2	2.58	
			18	Chlorides (as Cl)- mg/l	Turbidimetric Method:2017 IS 3025 Part-32 1988 Argentometric Method:2014	2	192]
				K- Mali-			BDL: BELOW DETECTION LIMIT	
		Annex	ure:	XX.	water mon	itorin	ng report is enc	losed as
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.	the sti regular Forest a The six	onth ipul ly t and x-mo 202	ly reports of ated envir to Regiona Climate C tonthly repo 22 is subr	ronmental I office of hange. ort for the J	safe f Mir period	the implement guards are su nistry of Envir from October F&CC on 30/	abmitted conment, 2021 to
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.						

(k)	Miscellaneous	
i.	Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.	 Complied. 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.
ii.	The project authorities shall inform to the Regional Office regarding commencement of mining operations	Noted and complied.
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.	Complied. A copy of Environmental Clearance letter for 4.2 MTPA has marked to concerned Panchayat vide letter no. WCL/ SAM/ MKD/Asst. Manager (C)/ 2018-19/ 397 dated 05/02/19.

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.	<complex-block></complex-block>
i.	The project authorities should advertise	76. Expn. of Singhori OCM
1.	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	 Complete. 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

the same is available with the State Pollution Control Board and also at website of the Ministry.	Western Coefficields Limited
	2. `Lokmat' (Marathi daily, Nagpur) dated 19/12/2018 किर्टर्न कोलफिल्इस लिमिटेडयो एक राहासक कपनी) किर्टर्न कोलफिल्इस लिमिटेडया उमरेड बेनाअंतर्गत दिनेश (मकरघोकरा–111) विस्तारीत बेस्टर्न कोलफिल्इस लिमिटेडया उमरेड बेनाअंतर्गत दिनेश (मकरघोकरा–111) विस्तारीत बेस पर्वत व 919.63 हे. बेनामधे) साठी पर्यावरण व वन मंत्रालयाव्यार्थ पत्र कमांक - वर्ष पर्वत व 919.63 हे. बेनामधे) साठी पर्यावरण व वन मंत्रालयाव्यार्थ पत्र कार्मा वर्ष पर्वत व 919.63 हे. बेनामधे) साठी पर्यावरण व वन मंत्रालयाव्यार्थ पत्र कार्मा - वर्ष पर्वत व 919.63 हे. बेनामधे) साठी पर्यावरण व वन मंत्रालयाव्यार्थ पत्र कार्मा - वर्ष पर्वत व 919.63 हे. बेनामधे साठाप्ट प्रदायण निवर्ण व वन प्रति क्यार्थ प्र वर्ष पर्वत व 919.63 हे. बेनामधे साठाप्र पर्यावरण, दन व जलवायु परिवर्तन मंत्रालयांच्या खाली दिलेल्या वेक्साईट वर पाष्ट्र शकारा : http://westerncoal.in OR http://environmentclearance.nlc.in
	3. `Punya Nagari' (Marathi daily, Nagpur) dated 31/05/2022 31/05/2023 Acci Alcentic Control
	4. 'The Times of India' (English daily,Nagpur) dated 31/05/2022

ii.	 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 	Copy enclosed as annexure-XXII) Copy enclosed as annexure-XXII) Copy and the status of compliance of EC conditions as being practiced in all operating mines.
	along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the	Environment Statement Sr UAN No. Application Name Submitted Date Action No. I MPCB-ENVIRONMENT_STATEMENT-0000006563 ENVIRONMENT 28-09-2017 Download
	MoEF&CC by e-mail. Concerns raised	2 MPCB-ENVIRONMENT_STATEMENT-0000011198 ENVIRONMENT 14-09-2018 Download STATEMENT
	during public hearing	3 MPCB-ENVIRONMENT_STATEMENT-0000019653 EEVIRONMENT 25-09-2019 Download STATEMENT
		4 MPCB-ENVIRONMENT_STATEMENT-0000027850 ENVIRONMENT 26-09-2020 Download 5 MPCB-ENVIRONMENT_STATEMENT-0000028350 ENVIRONMENT 28-09-2020 Download
		STATEMENT 6 MPCB-ENVIRONMENT_STATEMENT-0000037477 ENVIRONMENT 28-09-2021 Download STATEMENT
		STATEMENT 7 MPCB-ENVIRONMENT_STATEMENT-0000048233 ENVIRONMENT 28-09-2022 Download STATEMENT
iii.	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	Noted & agreed.

	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.	
5	The proponent shall abide by all the	Agreed.
0	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	Noted.
	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.	
7	Any appeal against this environmental	Noted.
	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	Noted.
	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.	
9	The concerned State Government shall	Does not pertain to the project.
	ensure no mining operations to	bots not pertain to the project.
	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	
	judgement of Hon'ble Supreme Court	
10	This environmental clearance shall not	Noted.
	be operational till such time the project	
	proponent complies with the above said	
	judgement of Hon'ble Supreme Court.	
11	This issues in supersession of the earlier	Noted.
	EC granted vide letter No- J-	
	11015/537/2008-IA.II (M) dated 21 st	
	June, 2011.	

Ref: MOEF Environment Clearance Letter No. J-11015/537/2008-IA. II (M) dated 26/05/2022 for 4.5 MTPA

S.No	Compliance Condition	Status
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%.	Complied. Certified Compliance of Environmental Clearance of Dinesh (Makardhokra-III) Open Cast project for 4.20 MTPA accorded from MOEF & CC vide letter no: F. No. EC-1739/RON/2022-NGP/10457 dated 17.10.2022 wherein no non compliance was reported. One partially complied condition was reported and ATR against the partially complied condition is submitted to IRO, MOEF & CC on 03/11/2022. (Copy enclosed as Annexure: XXIV)
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.	Agreed.
iii	PP shall obtain necessary prior consent for enhanced capacity from State Pollution Control Board under Air and Water Act.	Complied. Consent to Establish for 4.5 MTPA has been secured vide letter no: Letter no. Format1.0/ CAC/ UAN No. MPCB- CONSENT-0000142418/ CE/ 2211001310 dt. 16/11/2022 (Copy enclosed as Annexure-V) and Consent to operate for 4.5 MTPA has been secured vide letter no. Format1.0/ CAC/ UAN No. MPCB- CONSNET-0000142515/ CO/ 2211001308 dt 16/11/2022, which is valid up to 31/03/2024 (Copy enclosed as Annexure-VI).
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.	Agreed.
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 8 th 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	During monsoon 2022, grassing of Stylo Hemata species on vulnerable points of OB dump has been carried out on pilot scale basis. Stylo Hemata is a deep rooted species of grass which is well suited for erosion control. Stylo Hemata grass seeds were spread over 01 ha of land. After assessing the outcome of this activity, grassing of remaining area will be taken up in the upcoming monsoon.

	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.	Noted and agreed.

Nr. 1. 10.11.200

Sub Area Manager Makardhokra-III OC Mine Makardhokra Sub Area

10.11.22 **Colliery Manager**

Makardhokra-III OC Mine Makardhokra Sub Area

Nodal Officer (Env.) Makardhokra-III OC Mine Makardhokra Sub Area