



वेस्टर्नकोलफील्ड्सलिमिटेड
Western Coalfields Limited
(मिनिरात्र कंपनी)(A Miniratna Company)
(कोल इंडिया लिमिटेड की अनुषंगी कंपनी)
(A subsidiary of Coal India Limited)



ISO : 9001:2015 & ISO : 14001:2015 & OHSAS : 18001:2007 Certified Company

OFFICE OF THE SUB AREA MANAGER

UKNI DEEP – JUNAD SUB AREA: WANI NORTH AREA
AT.PO.,UKNI DEEP,TAH.WANI,DISTT.YAVATMAL,(M.S.) PIN 445 304

उपक्षेत्रीय प्रबंधक का कार्यालय

उकनी-जूनाड उपक्षेत्र : वणी नार्थ क्षेत्र

स.पो. उकनी, तह. वणी, जी. यवतमाल (महाराष्ट्र) पिन : 445304

संदर्भ क्र. वेकोली/वनाक्षे/उ.क्षे.प्र./उकनी-जूनाड/नागरिकी/2024/25/54 दिनांक: 30-05-24

To
Addl. Principal Chief Conservator of Forests,
Ministry of Environment, Forests & Climate change,
Regional Office, (WCZ),
Ground floor, east wing,
New Secretariat building, Civil lines,
Nagpur – 440001(M.S.)

Sub- Submission of **Six Monthly Compliance Report** of conditions stipulated in Environmental Clearance for M/s. WCL, Ukni deep Opencast Mine (3.50 MTPA) for the period **October 2023 to March 2024**.

Dear Sir,

With reference to the above subject matter, please find enclosed herewith **Six Monthly Compliance Report** of conditions stipulated in Environmental Clearance for M/s. WCL, **Ukni deep Opencast Mine (3.50 MTPA)** for the period **October 2023 to March 2024**. This is for your kind information please.

Thanking you,

Yours sincerely,


30/5/24

Sub Area Manager
Ukni deep – Junad Sub Area

5/1/24

Copy to:-

1. A.G.M., Wani North Area
2. G.M. (ENV), Coal estate –Nagpur
3. Regional Officer, MPCB, 1st floor, Udyog Bhawan,
Rly. Station road, Chandrapur-442401
4. S.O.E (Civil), Ukni deep – Junad Sub Area



Six Monthly Compliance Report of conditions Stipulated in Environmental Clearance

Ukni deep Open Cast Mine

(Letter No. J-11015/237/2010-IA,II(M) dtd. 15.01.2014 -
Expansion of coal production from 2.20 MTPA to 3.50 MTPA &
expansion of Mine lease-hold Area from 940 Ha. To 1285.12 Ha.)

Wani North Area

October 2023 to March 2024

**EXPANSION OF UKNI DEEP OC
COMPLIANCE OF CONDITIONS OF ENVIRONMENTAL CLEARANCE (EC)**

Vide Letter No:-J-11015/237/2010-IA.II (M) dated 15.01.2014 for **3.50 MTPA**

S.N	MOEF Environmental Clearance Condition	Compliance.
1	2	3
A.	SPECIFIC CONDITIONS:	
i.	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	: The maximum production of coal from the mine has not exceeded its prescribed limit of 3.50MTPA and nor proposed to exceed in future.
ii.	All the conditions made by DGMS should be adhered to.	: All the conditions made by DGMS are being followed and will continue to be followed.
iii.	The mine water after it is pumped out and treated in sedimentation tank on surface could be used within the mine premises for watering the mine area, roads, green belt development etc.	: At present, in the existing Ukni OC mine, the mine water after it is pumped out on surface, is treated in surface Sedimentation tank and thereafter is used for :- (i) Dust suppression through mobile water tanker plying within the mine area & surface roads. (ii) Spraying of water through rain guns/fixed type Water Sprinklers (iii) For watering of plants etc. The same will continue to be maintained during the Operation of Ukni Deep OC also.
iv.	Mine discharge after proper settling should be made available for agricultural purpose through a properly developed distribution network. The project authorities should meet the water requirement of nearby villages in case the village wells go dry due to dewatering of the mine.	: At present in the existing Ukni OC, strata seepage water first gets accumulated in the mine sump where adequate stagnation time is available for initial settlement of suspended particles. The supernatant water from the mine sump is then pumped out and discharged on to sedimentation tank made on the surface and clear water after further settling is discharged in to local Nallahs/ streams which are presently being used by the nearby villagers for their agriculture etc. The same will continue to be maintained during the operation of Ukni Deep OC also. In case of request coming from any village in the vicinity, whenever their wells go dry, project authorities are supplying water through truck mounted tankers and will continue to maintain the same in future also.
v.	Water meter in Surface Sedimentation tank will be installed by December-2013.	: The modification and repair works of existing sedimentation tank in Ukni OCM has been completed. At present V-notch has been fitted.
vi.	Toe wall as well as garland drain be constructed as per DGMS guidelines.	: R.C.C. Toe wall has been constructed at the toe of O.B. Dump No (7) for a length of 350.00 Mtr and garland drain has been made around O.B. dumps and periphery of mine as per statutory guidelines.
S.N	MOEF Environmental Clearance	Compliance.

	Condition		
1	2		3
vii.	The external OB dumps are to be constructed in benches Keeping the individual bench slopes at natural angle of repose conforming to the DGMS Permission.	:	External O.B. dumps are being made bench wise and slope of each bench is kept at natural angle of repose as per the conditions laid down by DGMS.
viii.	Garland drains all along the periphery of external OB dumps be constructed before onset of every monsoon and all silt and sediments along with water may be allowed to accumulate in the said garland drains which be cleaned again before onset of next monsoon.	:	Garland drain of size 3.50 x 2.00m are made around the periphery of external O.B. dumps before onset of monsoon to arrest silt and sediments from the respective dump sites. The above garland drains are cleaned before onset of next monsoon.
ix.	The biological reclamation of external OB dumps should be taken up once the dumps get inactive.	:	External O.B. dump no. 1, 4 & 5 have been biologically reclaimed and vegetation grown has become self sustaining. In future biological reclamation shall be done of the external dumps once it gets inactive.
x.	There should be no external OB dumps at the end of mining. OB should be backfilled in the existing void in post mining stage. Grass should be planted on temporary OB dump should be re-handled and backfilled up to ground level. The land should be used as Agriculture Land.	:	Noted for compliance. It shall be implemented at the time of closure / end of mining. [Mine is in operation & its final stage is yet to be arrived]
xi.	The embankment constructed along the river boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilized with plantation so as to withstand the peak water flow and prevent mine inundation.	:	Presently the mine is 2.00Km away from the Wardha river.
xii.	The production shall be within the same Mining lease area.	:	The production of coal shall be made well within the mining lease area as specified in the EC letter issued by MOEF dated 15.01.2014.
xiii.	The OB shall be completely re-handled at the end of the mining.	:	It shall be implemented at the time of mine closure/end of mining.
xiv.	The void area will be converted into water body. The rest of the area will be back filled up to the ground level and covered with about a meter thick top soil and put to use.	:	Noted for compliance. It shall be implemented at the time of closure / end of mining. [Mine is in operation & its final stage is yet to be arrived]
xv.	Garland drains be provided.	:	Garland drains of appropriate size have been provided along the periphery of mine area and around the external O.B. dumps.

S.N	MOEF Environmental Clearance Condition		Compliance.
1	2		3
xvi.	Appropriate embankment shall be a provided along the side of the river / nallah flowing near or adjacent to the mine.	:	Presently the mine is 2.00Km away from the Wardha river.
xvii.	The land after mining shall be brought back for agriculture purpose.	:	It shall be implemented at the time of mine closure/end of mining.

xviii.	Mine water should be treated for discharge into the lagoon. The quality of lagoon water shall be regularly monitored and mitigation measures taken.	:	Water pumped out from the mine after settlement in sump is being treated into surface Sedimentation tank before discharging into local nallah. The quality of treated water is being monitored fortnightly by CMPDIL and mitigation measures are being taken accordingly.																																																			
xix	The CSR cost should be Rs.5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.	:	As per the existing modified CSR policy of the Company, the fund for the C.S.R. should be allocated based on 2% of the average net profit of the Company for the three immediate preceding financial years or Rs 2.00 per tonne of coal production of previous year, whichever is higher.																																																			
xx	The transportation of Coal in the pit would be by Dumpers, from surface to siding by Tippers, from siding to loading would be by pay Loaders.	:	At present, in the existing Ukni OC mine, coal is being transported from pit of the mine to surface by dumpers, from surface to siding by tippers and from siding to wagons by pay loaders. The system will continue to be maintained.																																																			
xxi	There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.	:	Presently the mine is about 2.00Km away from the Wardha river. Also garland drains have been made around the OB dumps to arrest any erosion to natural streams. Plantation has been already done over available sites and the same will be implemented in the future also.																																																			
xxii	OB shall be tacked at two earmarked external OB dumpsite(s) only. The ultimate slope of the dump shall not exceed 28°. Monitoring and management of existing reclaimed dumpsites shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the ministry of Environment & Forests and its Regional office located at Bhopal on yearly basis.	:	<p>OB Excavated from the quarry area has been dumped on surface a. The details area of dumps as follows:-</p> <table border="1"> <thead> <tr> <th>S.N</th> <th>Dump No</th> <th>Height (M)</th> <th>Area (In Ha.)</th> <th>Status of reclamation.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>40.00</td> <td>36.12</td> <td>Biologically reclaimed.</td> </tr> <tr> <td>2</td> <td>4</td> <td>45.00</td> <td>17.50</td> <td>Biologically reclaimed.</td> </tr> <tr> <td rowspan="2">3</td> <td>5</td> <td>38.00</td> <td>96.30</td> <td rowspan="2">Partially biologically reclaimed.</td> </tr> <tr> <td>5(A)</td> <td>55.00</td> <td>68.72</td> </tr> <tr> <td rowspan="2">4</td> <td>6</td> <td>21.57</td> <td>25.20</td> <td rowspan="2">Partially</td> </tr> <tr> <td>6(A)</td> <td>9.40</td> <td>16.00</td> </tr> <tr> <td>5</td> <td>10A</td> <td>30.00</td> <td>6.50</td> <td></td> </tr> <tr> <td>6</td> <td>11</td> <td>60.00</td> <td>30.00</td> <td></td> </tr> </tbody> </table> <p>The details area of active dumps are as given below:-</p> <table border="1"> <thead> <tr> <th>S.N</th> <th>Dump No</th> <th>Height (M)</th> <th>Area (In Ha.)</th> <th>Status of reclamation.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18</td> <td>55</td> <td>28.956</td> <td></td> </tr> </tbody> </table>	S.N	Dump No	Height (M)	Area (In Ha.)	Status of reclamation.	1	1	40.00	36.12	Biologically reclaimed.	2	4	45.00	17.50	Biologically reclaimed.	3	5	38.00	96.30	Partially biologically reclaimed.	5(A)	55.00	68.72	4	6	21.57	25.20	Partially	6(A)	9.40	16.00	5	10A	30.00	6.50		6	11	60.00	30.00		S.N	Dump No	Height (M)	Area (In Ha.)	Status of reclamation.	1	18	55	28.956	
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1	2	3
xxiii.	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 utilized for watering the mine area, roads, green belt development, etc. The drains shall be regularly de-silted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden	Catch drains of size 3.5m x 2 m have been provided around periphery of the OB dump as well as soil dumps to arrest silt and sediment flows from the respective dump sites. In case of OB benches in the quarry, cross drainage has been provided which carries silt and sediments into different sumps made at the floor which accumulates all the silts and act as first stage settling pond. The water then is pumped out through pumps on to the surface and discharged in to surface settling

	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.		tank/sedimentation pond of size 30m x 10m x 2m. The clear water from the surface sedimentation tank is used for watering the mine area, roads and green belt development. The catch drains mentioned above are regularly de-silted and maintained properly. In addition, catch drains of size 4m x 2.5m have also been provided around the periphery of the excavated area, which carries surface run off and the drains are regularly de-silted
xxiv.	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.	:	R.C.C. retaining wall has been constructed at the toe of dump no 7 for 350 mtr length having dimension of 0.20 mtr x 1.05 mtr to check the siltation. As indicated above, the run off from the OB dumps are collected in the catch drains made around the periphery of the dumps (dimensions of catch drains given above in the previous point no. xxiii) for collecting run off and Siltation from OB benches different sumps as detailed out above, is in operation and acts as main settling/Siltation pond more over the O.B. Benches are continuously moving front. The capacity of this sump has been made to cater the entire peak rainfall in the catchments area

S.N	MOEF Environmental Clearance Condition		Compliance.
1	2		3
xxv.	Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.	:	Crushers of suitable capacity are provided at CHP. Water sprinkling system is provided at feeder breaker, Conveyor and transfer points etc in addition the dust suppression measures like covering of crusher house, Covering of conveyor gantry, fixed type Water Sprinkler/Rain Guns in the CHP area etc. have also been provided to control fugitive dust emission. In addition, plantation in the CHP area has also been developed.
xxvi	Drills shall be wet operated.	:	Drills have been provided with dust extractors and are operated only during day time.
xxvii.	The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A-3 tier green belt comprising of a mix of native species shall be developed all along the major approach roads.	:	Repairing of coal transportation road is regularly being done as per requirement and condition of road. Black Topping has been done over coal transportation roads of permanent nature. Adequate green belt has also been developed along the major approach roads.
xxviii.	Controlled blasting shall be practiced with use of delay detonators and only during daytime. The proponent would need to repair the crack in the houses if it occurred on account of blasting. The mitigative	:	Controlled blasting is carried out after due permission from DGMS so as to control ground vibrations and arrest fly rock and strictly as per conditions laid down by DGMS. The blasting is carried out only in day time.

	measures for control of ground vibrations and to arrest the flying rocks and Loudlers shall be implemented.																												
xxix.	A progressive afforestation plan shall be implemented covering an area of 779 ha at the end of mining, which includes reclaimed external OB dump 446ha, Backfilled area 180ha, Infrastructure 4ha, Township area 3 ha and Green belt 145ha by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Massive plantation shall be carried out in open spaces in and around the mine and a 3-tire avenue plantation along the main approach roads to the mine.	<p>Afforestation is being developed in the mine lease area covering various infrastructures, along haul road (Permanent type), coal transportation road, O.B. dumps, township area etc. The density of trees is around 2500 plants/ha plantation carried out so far is given below.</p> <table border="1"> <thead> <tr> <th>S.N.</th> <th>Location</th> <th>Area of Plantation</th> </tr> </thead> <tbody> <tr> <td>1)</td> <td>O.B. Dumps</td> <td>82.00 Ha</td> </tr> <tr> <td>2)</td> <td>Mine Lease Area:-</td> <td></td> </tr> <tr> <td></td> <td>a) Avenue</td> <td>26.00 Ha.</td> </tr> <tr> <td></td> <td>b) Rationalisation Area</td> <td>43.80 Ha</td> </tr> <tr> <td></td> <td>C) CHP</td> <td>3.60 Ha</td> </tr> <tr> <td></td> <td>d) Workshop</td> <td>2.00 Ha.</td> </tr> <tr> <td></td> <td>e) Infrastructure</td> <td>4.00 Ha.</td> </tr> <tr> <td></td> <td>Total</td> <td>161.40Ha.</td> </tr> </tbody> </table> <p>Afforestation plan shall be implemented in balance life of mine in consultation with DFO/Agriculture Department</p>	S.N.	Location	Area of Plantation	1)	O.B. Dumps	82.00 Ha	2)	Mine Lease Area:-			a) Avenue	26.00 Ha.		b) Rationalisation Area	43.80 Ha		C) CHP	3.60 Ha		d) Workshop	2.00 Ha.		e) Infrastructure	4.00 Ha.		Total	161.40Ha.
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1	2	3
xxx.	An estimated 221.66Mm ³ of OB will be generated during the entire life of the mine. Out of which 117.52 Mm ³ of OB will be dumped in four external OB Dumps in an earmarked area covering 446ha of land. 104.14Mm ³ of OB will be dumped in internal dumps covering an area of 180ha. The maximum height of external OB dumps for hard OB will not exceed 90m and that for soft OB shall not exceed 60m. The maximum slop of the dump shall not exceed 28 degrees. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self-sustaining and compliance status shall be submitted to MOEF and its Regional Office on yearly basis.	<p>Presently the height of O.B. dumps is 90.00 Mtr (Max) and slope is well within 28°. Also the plantation already done over O.B. dumps has become self sustained .</p> <p>The quantities mentioned in this condition are for the entire life of the mine and can be achieved only when the mining will come to the end as per the approved project report of Ukni Deep OC. Similarly with the progress of mining activities in Ukni Deep OC, reclamation activities will be continued as per the plan.</p>
xxx.	The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.	The EIA/EMP as approved is already having a plan of reclamation of degraded land and the same shall be implemented.
xxxii.	Compensatory Ecological & Restoration of waste land, other degraded land and OB dumps in lieu of breaking open the land be carried out.	The EIA/EMP as approved is already having a plan of reclamation of degraded land and the same shall be implemented.
xxxiii.	The mine should be phased out in sustainable manner. No extra over burden dumps are permitted.	The EIA/EMP as approved is already having a plan of operation and mine operations are being carried out in line with the plan in phase wise and sustainable manner. No extra over burden dumps are made.

xxxiv.	No groundwater shall be used for mining operations.	:	Ground water is not used for mining operation
xxxv.	Out of the total 1285.12ha, external OB dump area 446ha, excavation area of 218 ha, infrastructure area 55 ha, water body 153ha, Township 34 ha, Green belt 145ha shall be reclaimed with plantation and a void of 153 ha at a depth of 40 m which is proposed to be converted in to a water body shall be gently sloped and the upper benches shall be terraced and stabilized with plantation / afforestation by planting native plant species in consultation with the local DFO/Agriculture department. The density of the trees shall be around 2500 plants per ha.	:	The quantities mentioned in this condition are for the entire life of the mine and can be achieved only when the mining will come to the end as per the approved project report of Ukni Deep OC. The mine i.e. Ukni OC will get dovetailed in Ukni Deep OC. In the existing mine External OB dumps in parts have been reclaimed and the details have been given in previous paragraphs. Similarly with the progress of mining activities in Ukni Deep OC, reclamation activities will be continued as per the plan and adhering to the stipulations.

S.N		MOEF Environmental Clearance Condition	Compliance.																		
1	2	3																			
xxxvi	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and construction of new peizometers. 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 & forest and tot eh Central Pollution Control Board quarterly within one month of monitoring.	:	The monitoring of ground water level is regularly being carried out four times a year, by establishing a network of existing wells as well as through piezometers in the bore wells already in use . Data thus collected is regularly being submitted to the MoEF&CC and Pollution Control Board.																		
xxxvii	The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring indicates a decline in water table. The project authorities shall meet water requirement of nearby village(s) in case the village wells to dry due to dewatering of mine.	:	<p>To augment the ground water recharge, the project/mine authority has adopted various groundwater recharge measure. Existing Rain Water Harvesting and Artificial Recharge Details</p> <table border="1"> <thead> <tr> <th colspan="3">EXISTING ROOF TOP RAIN WATER HARVESTING/ARTIFICIAL RECHARGE STRUCTURE</th> </tr> <tr> <th>Sr. no</th> <th>Location</th> <th>Roof Top Area (m²)</th> </tr> </thead> <tbody> <tr> <td colspan="3">Existing Rooftop rainwater harvesting structure</td> </tr> <tr> <td>1</td> <td>Rooftop Rainwater Harvesting structure at Area General Manager Office, Wani North Area, WCL</td> <td>1200</td> </tr> <tr> <td>2</td> <td>Rooftop Rainwater Harvesting Structure at VVIP Guest House, Wani North Area, WCL</td> <td>866</td> </tr> <tr> <td>3</td> <td>Rooftop Rainwater</td> <td>730</td> </tr> </tbody> </table>	EXISTING ROOF TOP RAIN WATER HARVESTING/ARTIFICIAL RECHARGE STRUCTURE			Sr. no	Location	Roof Top Area (m ²)	Existing Rooftop rainwater harvesting structure			1	Rooftop Rainwater Harvesting structure at Area General Manager Office, Wani North Area, WCL	1200	2	Rooftop Rainwater Harvesting Structure at VVIP Guest House, Wani North Area, WCL	866	3	Rooftop Rainwater	730
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			Harvesting Structure at Vocational Training Centre (GVTC), Wani North Area, WCL
			Artificial Groundwater Recharge Structure
		S. No	Location
			Dimension
		1	Recharge Pond Welhala village Water Spread Area – 2000sq mtr Depth-1m
		2	Recharge Pond at Nilapur Village Water Spread Area- 12340sq. mtr Depth- 1m
		3	Abandoned Quarry of Sector IV, Kolarpimpri OC Mine, acting as recharge structure 360000 sq. mtr
xxxix	Sewage treatment plant shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.	:	There is no exclusive colony meant for this project and residential accommodations for the manpower employed in the project have been provided at Bhalar Township, which is having sewage Treatment Plant (STP) of capacity 0.6 MLD. An Effluent Treatment Plant (ETP) of capacity 0.15 MLD has been provided for the workshop catering to the need of the project. The ETP is being operated in Zero Discharge Concept. In CHP, there is no waste water discharge made in to any of the surface water courses.
xxxiv	Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operation shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through a specialized agency/institution within the District/State and the results reported to this Ministry and to DGMS.	:	Periodical medical examination is being carried out of each employee once in every 5 years to detect any disease so that appropriate action can be taken. Health check up of 10% workers engaged in active mining operation shall be carried out to detect occupational disease and hearing impairment. Report of the same shall be submitted to MOEF and DGMS.

S.N	MOEF Environmental Clearance Condition	Compliance.
1	2	3
xi.	Land oustees shall be compensated as per the norms laid out R&R policy of CIL or the National R&R policy or R&R policy of the State Government whichever is higher.	Compensation has been paid & will be paid to land oustees as per R&R policy of CIL
xli.	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	Monitoring of land use pattern is regularly being done on satellite imagery by CMPDIL, Ranchi. The reports are regularly uploaded in the company website and also it is submitted to MOEF&CC and its concerned Regional office.

	season which is consistent in the time series), and the report submitted to MOEF and its concerned Regional office.	
xlii.	A detailed Final Mine closure plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forest within 6 months of grant of Environmental Clearance.	: The mine closure plan prepared as per the guideline of Ministry of Coal has already been approved by WCL Board on 06.02.2014 and Escrow Account has been opened with the corpus. Escrow A/C no.: '08973161003390 Balance as on 31.03.24: Rs. 960008769.17/-
xliii.	The project authorities shall in consultation with the Panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.	: The various civil work and welfare works are being carried out under CSR every year in the adjacent villages in consultation of Grampanchayat and local administrations. The same will continue to be carried during the balance life also.
xliv.	The commitment made by the Proponent to the issue raised during Public Hearing shall be implemented by the Proponent.	: The issues which were raised by local villagers during Public Hearing have been solved.
xlvi.	Corporate environment Responsibility:	:
	a. The Company shall have a well laid down Environment Policy approved by the Board of Directors.	: Corporate Environment policy of CIL approved by Board of Directors, CIL exists.
	b. The Environment policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.	: ----Agreed-----
	c. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	: Hierarchical system is as follows- Company-level - D.T. Assisted by GM (Env)/HOD. Area Level – AGM Assisted by ANO (Env). Sub Area/Unit Level- Sub Area manager Assisted by N.O.(Env)

S. N	MOEF Environmental Clearance Condition	Compliance.
1	2	3
	d. To have proper checks and balance, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large.	: ----Agreed-----
B.	GENERAL CONDITIONS:	:
i.	No. Change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.	: Noted. No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests and climate change.
ii.	No change in the calendar plan of production for quantum of mineral coal shall be made.	: Noted. No change in the calendar plan of production for quantum of mineral coal in excess of EC 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 PM 10, PM2.5, SO2 and NOx monitoring. Location of the stations	: Four ambient air quality monitoring stations have already been established for monitoring PM ₁₀ , PM _{2.5} , SO ₂ and NO _x . Monitoring is being done fortnightly on all stations.

	shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.		Location of the stations was 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 are being carried out once in six months.
iv.	Data on ambient air quality (PM10, PM2.5, SO2 and NOx) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the ministry including its concerned Regional Office and to the State Control Board and the central Pollution Control Board once in Six months. Random verification of Samples through analysis from independent laboratories recognized under the EPA rules, 1986 shall be furnished as part of compliance report.	:	Data regarding ambient air quality and heavy metals and other monitoring data are submitted regularly to the ministry including its concerned Regional Office and to the Maharashtra pollution Control Board and the central Pollution Control Board
v.	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operation, operation of HEMM, etc shall be provided with ear plugs/muffs.	:	In order to keep the noise level below 85 dBA in the work environment, regular maintenance of HEMM is being done and protective gears viz. Ear plugs and muffs are being provided to the employees.

S.N	MOEF Environmental Clearance Condition		Compliance.
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vi.	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GDR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amended from time to time before discharge, oil and grease trap shall be installed before discharge of workshop effluents.	:	Mine pumped out water after initial sedimentation in the mine sump is collected in to surface sedimentation pond for further settlement. The quality of treated effluent from sedimentation pond is monitored every fortnight. Similarly, the effluents from the Workshop are treated in ETP of 0.15 MLD capacity fitted with Oil and Grease Trap and clear water is also regularly monitored. It may be mentioned here that there is no discharge of effluent from Workshop in to any surface water body.
vii.	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	:	The vehicles namely Jeeps, Trucks, Ambulance, Pick-up Vans and hired vehicles are having valid PUC Certificate. from RTO authorized agencies. Proper check up and maintenance and monitoring of Hydraulic HEMM is being done regularly.
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 Board and data got analyzed through a laboratory recognized under EPA Rules, 1986.	:	Centralized Environmental laboratory has been established CMPDIL ,RI-IV (Regional institute of CMPDIL, a subsidiary of CIL and ISO certified consultant for giving total support to all the coal producing subsidiary of CIL) at Nagpur for catering to the needs of WCL exclusively. The schedule of monitoring every fortnight is communicated to SPCB to the respective

		Regional Offices in advance.
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.	: Protective health & safety gears are provided to workmen exposed to dust, namely, Dust Mask, Helmets, Safety Boots, and Goggles, as per DGMS specifications. The workers are regularly given training as well as Re-training/Refresher training on safety & health aspects (Statutory requirement under Mines Act).
x.	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 and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	: Periodical medical examination is carried out for each employee once in every 5 year to detect any disease so that, appropriate action can be taken and its record is maintained.

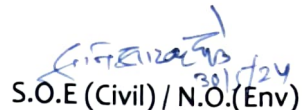
S.N	MOEF Environmental Clearance Condition	Compliance.
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xi.	A separate environmental management cell with suitable qualified personnel shall be set up under the control of Senior Executive, who will report directly to the Head of the company.	: At project level, Environmental Management Cell is headed by Sub Area Manager and is assisted directly by Project Nodal Officer (Environment)/ Sr. Manager (Civil).At Area level, AGM heads the cell assisted by Area Nodal Officer (Environment), GM(Environment) heads the Environment Department at HQ /Corporate level with a multidisciplinary team of qualified and trained Engineers.
xii.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this ministry and its concerned Regional Office.	: The funds have been earmarked for environmental protection measures are kept in separate account and are not used for any other purpose. The expenditure both under Capital & Revenue for the current year as well as progressive is enclosed with this report.
xiii.	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 & Forest at http://envfor.nic.in .	: The advertisement has been published in the news paper (English - The Hitavada, Marathi - Lokmat).
xiv.	A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal	: A copy of the environmental clearance letter has already been marked to concerned Sarpanch of the Village Panchayat. The receipt


	Corporation or Urban local body and local NGO, if nay, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	of the same by Sarpanch of Ukni Grampanchayat is enclosed vide letter No. WCL/WNA/SAM/CIVIL/UOC/2013-14/599 dt 06.02.2014
xv.	A copy of the environmental clearance letter shall be shall also 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 Sector and Collector's office/Tahsildar's Office for 30 days.	: Not applicable.

S.N	MOEF Environmental Clearance Condition	Compliance.
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xvi.	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM10, OM2.5, SO2 and NOx (ambient)and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	: EC letter has already been uploaded in the WCL web site. The Environmental quality monitoring data, Annual Environment (Audit) Statement and land Reclamation Monitoring reports (Carried out through satellite Monitoring) are also uploaded in company's website regularly updated.
xvii.	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective regional Office of the Ministry, respective Zonal Office's of CPCB and the SPCB.	: -----Agreed-----
xviii.	The Regional Office of this Ministry located in the Region 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.	: -----Noted.----- All necessary co-operation will be extended to regional Office, Nagpur.
xix.	The Env. statement for each financial year ending 31 st 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,	: -----Agreed----- Environment Statement (Form V) for the FY 2022-23 has been submitted in Maharashtra Pollution Control Board web portal.

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.


Colliery Manager
Ukni deep OCM
Wani North Area


S.O.E (Civil) / N.O. (Env)
Ukni-Junad Sub Area
Wani North Area


Sub Area Manager
Ukni-Junad Sub Area
Wani North Area