



वेस्टर्न कोलफील्ड्स लिमिटेड
WESTERN COALFIELDS LIMITED
(मिनीरल कंपनी) (A Mineral Company)
(कोयला इंडिया लि. की सहायकी कंपनी)
(A Subsidiary of Coal India Limited)



एक कदम सचता की ओर

उपक्षेत्रीय प्रबन्धक का कार्यालय
घोंसा उपक्षेत्र

Ghonsa Sub Area,
Wani North Area
घोंसा उपक्षेत्र, वनी उत्तर क्षेत्र

Office of the Sub Area Manager
Ghonsa Sub Area.
www.westerncoalnic.in

पंजी-का: पो. रासा, तह. वनी, जि. ययतमान (महाराष्ट्र) - 445304/ Regd. Off Po Rasa, Tah Wani, Dist. Yavatmal Mah- 445304
संदर्भ संख्या: वेकोलि/व.ना.क्ष./घो.उ.क्ष./उ.क्ष.प्र./2024-25/ 1001 दिनांक : 23/11/2024

प्रति,

अपर मुख्य प्रधान वन संरक्षक,
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
क्षेत्रीय कार्यालय (पश्चिम केन्द्रीय क्षेत्र),
भूतल, ईस्ट विंग, न्यू सेक्रेटरीएट बिल्डिंग,
सिविल लाइन्स, नागपुर - 440 001 (महाराष्ट्र राज्य)

विषय:- Six Monthly Compliance Report of Conditions Stipulated in Environmental Clearance for **Ghonsa Opencast Coal Mine (0.60 MTPA)** of Wani North Area, WCL for the period **April 2024 to September 2024**.

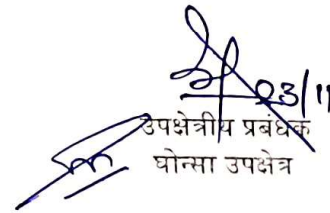
महोदय,

With reference to above subject matter, please find enclosed herewith the Six Monthly Compliance Report of Conditions Stipulated in Environmental Clearance for **Ghonsa Opencast Coal Mine (0.60 MTPA)** of Wani North Area, WCL for the period **April 2024 to September 2024**.

For your kind information please.

Thanking you Sir.

भवदीय


उपक्षेत्रीय प्रबन्धक
घोंसा उपक्षेत्र

प्रतिलिपि:

1. क्षेत्रीय महाप्रबन्धक, वणी नार्थ क्षेत्र
2. महाप्रबन्धक (पर्यावरण/विभागाध्यक्ष), वेस्टर्न कोलफील्ड्स लिमिटेड, मुख्यालय, नागपुर, महाराष्ट्र - 440 001
3. क्षेत्रीय अधिकारी, महाराष्ट्र प्रदूषण नियंत्रण बोर्ड, प्रथम तल, उद्योग भवन, स्टेशन रोड, चंद्रपुर, महाराष्ट्र - 442 401
4. क्षेत्रीय नोडल अधिकारी(पर्या.), वणी नार्थ क्षेत्र
5. कार्यालय प्रति

**Ministry of Environment, Forests & Climate Change,
Regional Office (WCZ), Nagpur**

MONITORING PROFORMA: PART - I

Name of the Project	Expansion of Ghonsa OCP
Location and address	On Wani - Patan Main road at 3.00KM. At-Ghonsa , Po-Rasa, Tah- wani, Dist- Yavatmal, State- Maharashtra.
Address for correspondence	Office of the Sub Area Manager, Ghonsa Sub Area, Post-Rasa, Tah- Wani, Dist- Yavatmal, State- Maharashtra.
MoEF&CC Clearance Letter No. & Date	EC Letter No. J-11015/165/2009-IA.II(M) dated 8 th June, 2017 Amended letter no. J/11015/165/2009-IA.II(M) Pt. date 10/01/2018
Period of Status Report	From April 2024 to September 2024
Date of commencement of the project Work	24-11-2008

STATUS OF LAND ACQUISITION:-

Type of Land	Required as per EIA-EMP (ha)	Actual acquired (ha) As on 30.09.2024
Agriculture	204.443	204.443
Forest Land	24.00	24.00
Waste Land (Govt. Land)	50.240	50.240
Total	278.683	278.683

STATUS OF LEGAL COMPLIANCES: -

a. Consent under Air (Prevention and control of Pollution) Act.	Consent to Operate has been granted by MPCB vide Consent Order No. RED/L.S.I (R35)No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000107029/CR/2203000019 dated 01.03.2022. Valid upto 31.03.2023 CTO renewal applied.
b. Consent under Water (Prevention and Control of Pollution) Act.	
b. Consent under Water (Prevention and control of Pollution) Cess Act	
c. Environment (Protection) Act.	Environment Clearance accorded vide MoEF&CC, New Delhi vide EC Letter No. J-11015/165/2009-IA.II(M) dated 8 th June, 2017. Environment Audit statement for the year 2023-24 has been submitted online on MPCB portal.
d. Forest (Conservation) Act	Forest Clearance accorded by RO(WCZ), MoEF&CC, Nagpur vide letter no.: F.No. 6-MHC-30/2014-BHO/2372 dated 7 th September, 2017 for 24Ha forest land at Mauja Ghonsa.

PART -II
STATUS OF ENVIRONMENT

Air Pollution Control :-

a) No. of ambient air monitoring stations & frequency of monitoring	04 Nos. Ambient Air quality (Fortnightly Monitoring)												
b) Name of the location	Ambient Air Quality Monitoring Stations 1.Ghonsa Village: W _N GOA-1 2.Kumbharkhani Guest House/ Colony: W _N GOA-2 3.SAM Office/ Canteen: W _N GOA-3 4.Project Manager Office(Ghonsa) : W _N GOA-4												
c) Ambient air quality status for the parameters prescribed by state pollution control board.	<table border="1"> <tr> <td>Location</td> <td>SPM</td> <td>PM10</td> <td>SO_x</td> <td>NO_x</td> <td>PM2.5</td> </tr> <tr> <td colspan="6">Reports of Environmental Monitoring for the period from April 2024 to September 2024 has been enclosed</td> </tr> </table>	Location	SPM	PM10	SO _x	NO _x	PM2.5	Reports of Environmental Monitoring for the period from April 2024 to September 2024 has been enclosed					
Location	SPM	PM10	SO _x	NO _x	PM2.5								
Reports of Environmental Monitoring for the period from April 2024 to September 2024 has been enclosed													

Water Pollution Control :-

a). No. of stations and frequency of monitoring	One, Fortnightly										
b). Description of locations	1)Mine Water discharge: W _N GOW-1										
c). Average concentrations of major pollutants prescribed by State Pollution Control Board (fig. in mg/lit except pH)	<table border="1"> <tr> <td>Location</td> <td>pH</td> <td>COD</td> <td>TSS</td> <td>O&G</td> </tr> <tr> <td colspan="5">Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 has been enclosed.</td> </tr> </table>	Location	pH	COD	TSS	O&G	Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 has been enclosed.				
Location	pH	COD	TSS	O&G							
Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 has been enclosed.											
d). Quantity of effluent discharge to Local Water source from each Source in Cu.m./day	----										

Noise Pollution Control :-

a) No. of noise monitoring stations & frequency of monitoring	: 1 No.(Fortnightly)						
b) Description of locations	1.CHP: W _N GON-1						
c) Noise level status prescribed by state pollution control board.	<table border="1"> <tr> <td>Location</td> <td>Day</td> <td>Night</td> </tr> <tr> <td colspan="3">Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 are enclosed.</td> </tr> </table>	Location	Day	Night	Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 are enclosed.		
Location	Day	Night					
Reports of Environmental Monitoring Report for the period from April 2024 to September 2024 are enclosed.							

PART-III

STATUS OF IMPLEMENTATION OF PROVISIONS OF EMP

i) Land Use Status:

S.N.	Particulars	Current Period (April 2024 to September 2024)	Progressive up to 30.09.2024
1.	Area excavated (Ha)	3.42	114.72
2.	Top soil removed (L M ³)	0.00	4.73
3.	OB removed (MM ³) (Hard)	1.62	24.564
4.	OB back filled (MM ³)	1.62	17.615
5.	OB dumped (MM ³) (Hard)	1.62	24.055
6.	Area recovered for reclamation (physical reclamation)	Under process	Under process
7.	Area reclaimed biologically (tree plantation on backfilled area)	Nil	Nil

ii) Production:

Present Capacity/ Production: Previous years production figures are:

Year	Coal Production (Tons)
2020-21	5,07,900.00
2021-22	4,26,100.00
2022-23	4,60,235.00
2023-24	2,56,000.00
2024-25 (Upto Sept. 2024)	3,77,092

iii) Afforestation: (Figures in Numbers)

S.N.	Locations	Current Period (April 2024 to September 2024)	Progressive up to 30.09.2024
1.	OB dump & embankments	Nil	10250
2.	Safety Zones	Nil	Nil
3.	Backfilled Area	Nil	Nil
4.	Other area	Nil	Nil
	TOTAL	Nil	10250

Area under plantation (progressive)	4.10 Ha
No. of plants per Hectare.	2500
Species planted up to date	Sisum, Nilgiri,Neem


Rehabilitation and Resettlement:-


Sr.No.	Particulars		Status
1.	Total No. of Land oustees	:	47
2.	No. of Employment	:	32
3.	No. of monitory compensation against employment	:	15
4.	Nos. of land oustees under consideration	:	NIL

Organizational set up at Project level :-


Name and designation of the persons :

- (1) Shri. Syed Nazimuddin, SAM, Ghonsa Sub Area
- (2) Shri. G.D. Khobragade, Mine Manager, Ghonsa OCM
- (3) Shri. Shridhar Dhakite, SOE(Civil)/ Nodal Officer(Env.), Ghonsa Sub Area
- (4) Shri. Gopendra Kant, Survey Officer, Ghonsa OC Mine.


Survey Officer
Ghonsa OC Mine
21/11/24


SOE(Civil)/N.O. (Env.)
Ghonsa Sub Area
21/11/2024


Mine Manager
Ghonsa OC Mine
21.11.24


Sub Area Manager
Ghonsa Sub Area
28/11

EXPENDITURE STATEMENT(ENVIRONMENT HEAD)

CAPITAL HEAD:-


(Figure in Rs. Lakhs)


Account Head	Current Period (April 2024 to September 2024)	Progressive up to 30.09.2024
1)Reclamation (HEMM) partly back filled	-	-
2) Air Pollution Control	-	14.86
3) Water Pollution Control	-	25.87
TOTAL	-	40.73

REVENUE HEAD:-

(Figures in Rs. Lakhs)

Account Head	Current Period (April 2024 to September 2024)	Progressive up to 30 th Sept. 2024
1) Afforestation	-	6.745
2) Monitoring (JVS)	-	-
3) Legal expenses (Water Cess, Environment Statement)	-	99.80
4) Other (Pollution control measures)	-	82.58
TOTAL	-	189.125


SOE (Civil)/N.O. (Env.)
Ghonsa Sub Area


28/11
Sub Area Manager
Ghonsa Sub Area

**SIX MONTHLY COMPLIANCE STATUS
OF COMPLIANCE OF ENVIRONMENTAL CLEARANCE CONDITIONS
(For the period April 2024 to September 2024)**

Name of the Project: Expansion of Ghonsa OCP (0.60 MTPA)

EC Letter No.: MoEF & CC vide EC Letter No.: J-11015/165/2009-IA.II(M) dated 08th June, 2017

Amended letter no. J/11015/165/2009-IA.II(M) Pt. date 10/01/2018

Sl. No.	Conditions	Compliance Status
A. Specific Conditions		
i.	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	Noted, The Maximum production from Ghonsa OCM will not be exceed the limit of 0.60 MTPA as prescribed in the EC.
ii.	The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.	Noted.
iii.	The project proponent shall obtain Consent to Establish/Operate under the Air Act, 1981 and the Water Act, 1974 from the State Pollution Control for the Ghonsa OCP of 0.60 MTPA in the mine lease are of 278.683 ha in District Yavatmal (Maharashtra).	Consent to Operate has been granted by MPCB vide Consent Order No. RED/L.S.I (R35)No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000107029/CR/2203000019 dated 01.03.2022. Valid upto 31.03.2023 CTO renewal applied.
iv.	Transportation of coal to be carried out through rail network or the covered trucks. Mitigative measures to be undertaken to control dust and other fugitive emissions all along the roads by providing water sprinklers.	Transportation of coal will be carried out by tarpaulin covered trucks. Mitigative measures will be undertaken to control dust and other fugitive emissions all along the roads by providing water sprinklers/water tankers.
v.	Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	Continuous monitoring of occupational safety and other health hazards and the corrective actions will be ensured and complied.
vi.	Controlled blasting should be adopted to control ground vibration and fly rocks.	Controlled blasting is being done in day time only and the mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders are implemented as per the permission given by DGMS. Design of holes and charging of holes are being done as per DGMS permission.
vii.	A progressive afforestation plan shall be implemented covering an area of 134.36 Ha at the end of mining, which includes reclaimed External OB dump area 29.35 ha, Internal OB dump area (80.0 ha) and Green belt (20 Ha) and in township located outside the lease by planting native species	Plantation Details: In 2010-11, 1500 nos. of plants have been planted in 0.60 Ha Area on embankment portion. In 2012-13, 8750 nos. of plants have been planted in 3.50 Ha Area on OB Dump. The plantation has been carried out through

	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-tier avenue plantation along the main approach roads to the mine.	Forest Development Corporation of Maharashtra and the density of plantation is always maintained at 2500 plants per ha. A progressive afforestation plan will be implemented at the end of mining.
viii.	An estimated total 29.12 Mm ³ of OB will be generated during the entire life of the mine. Out of which 3.27 Mm ³ of OB will be dumped in one external OB dumps an earmarked area covering 29.35 Ha of land. 25.85 Mm ³ of will be one internal OB dump covering an area of 88.28 ha. The maximum height of internal OB dump will not exceed 30 m above ground level. Maximum slope 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 Regional Office on yearly basis.	Aforesaid overburden will dumped on earmarked area only. The maximum height of internal OB dump will not exceed 30 m above ground level. The maximum slope 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.
ix.	Of the total quarry area of 135.12 Ha, the backfilled quarry area of 80 ha shall be reclaimed with plantation and a void of 46.84 ha with maximum depth of 75 m shall be converted into a water body in conformity with the post mining land-use plan, which remains an integral part of the approved mining plan and the EIA/EMP submitted to this Ministry.	Of the total quarry area of 135.12 Ha, the backfilled quarry area of 80 ha shall be reclaimed with plantation and a void of 46.84 ha with maximum depth of 75 m shall be converted into a water body in conformity with the post mining land-use plan, which remains an integral part of the approved mining plan and the EIA/EMP submitted to MoEF&CC.
B. General Conditions		
a) Mining		
i.	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forest and Climate Change. No change in the calendar plan including excavation, quantum of coal and waste should be made.	Noted. No change in mining technology and scope of working will be made without prior approval of MoEF & CC. No change in the calendar plan including excavation, quantum of coal and waste should be made.
ii.	Mining shall be carried out as per the approved mining plan, and also abiding by the relevant laws related to coal mining and the circulars issued by Directorate General Mines Safety (DGMS). A approved	Mining will be carried out as per the approved mining plan, and also abiding by the relevant laws related to coal mining and the circulars issued by Directorate General Mines Safety (DGMS). A approved progressive Mine Closure Plan will

	progressive Mine Closure Plan shall strictly be complied with and submitted.	strictly be complied with.
b) Land Reclamation		
i.	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.	Monitoring of land use pattern based on Satellite Data carried out by CMPDIL, Ranchi and report is regularly submitted to Regional Office, MoEF & CC Nagpur along with Six Monthly Compliance Report.
ii.	Final mine void depth of 75 m shall be in conformity with the post mining land-use plan, which remains an integral part of the approved mining plan and the EIA/EMP submitted to this Ministry.	Final mine void depth of 75m will be in conformity with the post mining land-use plan, which remains an integral part of the approved mining plan and the EIA/EMP submitted to MoEF & CC.
iii.	The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The overburden should be vegetated with suitable native species to prevent erosion and surface run off. The entire excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and Management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.	The top soil will be temporarily stored at earmarked site(s) only and it will not be kept unutilized for long. The topsoil will be used for land reclamation and plantation. The overburden will be vegetated with suitable native species to prevent erosion and surface run off. The entire excavated area will be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and Management of rehabilitated areas will continue until the vegetation becomes self-sustaining. Compliance status will be submitted to Regional Office, MoEF & CC Nagpur.
iv.	Greenbelt shall be developed all along the mine lease area in a phased manner. The width of the green belt along forest area should not be less than 7.5m and the total area covered by 3 tier green belt shall not be less than 100 ha. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads.	Greenbelt will be developed all along the mine lease area in a phased manner.
(c) Emissions, Effluents and Waste Disposal		
i.	Transportation of coal by road should be carried out by covered trucks only. Effective measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul	Transportation of coal by road will be carried out by tarpaulin covered trucks only. Regular water sprinkling will be carried out along haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources will be controlled regularly. It will be ensured that the

	road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board in this regard.	Ambient Air Quality parameters conform to the norms prescribed by the CPCB/MPCB.
ii.	Vehicular emissions shall be kept under control and regularly monitored. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.	Vehicular emissions will be kept under control and regularly monitored. Project will obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.
iii.	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM ₁₀ , PM _{2.5} , SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.	<p>Following four ambient air quality monitoring stations have been established in the core zone and buffer zone for PM₁₀, PM_{2.5}, SO₂ and NO_x monitoring:</p> <ol style="list-style-type: none"> 1. Ghonsa village 2. Kumbharkhani Guest house/colony 3. SAM Office/ Canteen 4. Project Manager Office, Ghonsa <p>Monitoring of heavy metals such as As, Pb, Ni, Cr & Cd is carried out once in six months.</p> <p>Reports of Environmental monitoring from April 2024 to September 2024 has been enclosed.</p>
iv.	Crusher/feeder and breaker material transfer points should invariably be provided with dust suppression system. Belt-conveyors should be fully covered to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors	Crusher/feeder and breaker material transfer points will be invariably provided with dust suppression system. Drills will be fitted with dust extractors
v.	The project proponent shall not alter the major channels around the site. Appropriate embankment should be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary should be of suitable dimensions and critical patches should be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.	The major channels around the site will not be altered. Embankment of length 1.40 Km, width 30m and height 7-10m has been constructed along Vidharbha river as per permission given by DGMS. To arrest embankment erosion toe wall of stone masonry has been constructed as well as natural grass and plantation has been developed to stabilized embankment.
vi.	Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources in the area in consultation with Central Ground Water Board.	Rain water harvesting measures have already been taken with due consultation with the concerned village Panchayat through de-silting/ deepening of existing pond in the following villages at a total cost of Rs. 12.48 lakhs:- (i) Sakhara Village; (ii) Rasa Village;

		<p>(iii) Sukanegaon Village.</p> <p>In July 2015, deepening of pond at Rasa and Kumbharkhnaï village has been done for ground water recharge.</p> <p>At Kumbharkhani Village Pond: Deepening size: (65m x 40.m x 1.08m) Expenditure: 4.21 Lakh</p> <p>At. Rasa Village Pond: Deepening size: a. (50m x 50m x 0.60) b.(40m x 20m x 0.94m) c.(40m x 15m x 0.94m) Expenditure: 4.47Lakh The quantum of water will be stored 2700KL at Rasa & 2800KL Kumbharkhani village.</p>																																												
vii.	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, coal heaps and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. To check run off and siltation, retaining wall of adequate dimension to be constructed at the toe of OB dumps and OB benches, as applicable, based on rainfall data.</p>	<p>Catch drains of size 2.50m x 2.00m for a length of 2.00 Km is constructed around the mine. Two sumps of capacity 10.50 Million Gallon & capacity of 0.45 Million Gallon have been provided inside the mine to arrest silt and sediments of soil and OB. Garland drain of length 3.4 Km has been provided. Cleaning and desilting of garland drain is regularly being done.</p> <p>Rainfall details at Ghonsa OCM:</p> <table border="1" data-bbox="821 1052 1404 1512"> <thead> <tr> <th>Year</th> <th>Total Rainfall (mm)</th> <th>Date max. Rainfall (mm)</th> <th>Max Rainfall</th> </tr> </thead> <tbody> <tr><td>2013</td><td>1243</td><td>12/07/2013</td><td>96</td></tr> <tr><td>2014</td><td>644.5</td><td>07/09/2014</td><td>108</td></tr> <tr><td>2015</td><td>596</td><td>16/09/2015</td><td>172</td></tr> <tr><td>2016</td><td>786</td><td>08/07/2016</td><td>64</td></tr> <tr><td>2017</td><td>484</td><td>12/09/2017</td><td>64</td></tr> <tr><td>2018</td><td>911</td><td>09/07/2018</td><td>113</td></tr> <tr><td>2019</td><td>828</td><td>29/07/2019</td><td>071</td></tr> <tr><td>2020</td><td>1158</td><td>22/07/2020</td><td>114</td></tr> <tr><td>2021</td><td>1168</td><td>10/07/2021</td><td>98</td></tr> <tr><td>2022</td><td>2110</td><td>11/07/2022</td><td>137</td></tr> </tbody> </table> <p>2023 Toe wall of size 82m x 1.8m x 0.6m has been constructed for arresting the silt against embankment to guide catchment water to settle.</p>	Year	Total Rainfall (mm)	Date max. Rainfall (mm)	Max Rainfall	2013	1243	12/07/2013	96	2014	644.5	07/09/2014	108	2015	596	16/09/2015	172	2016	786	08/07/2016	64	2017	484	12/09/2017	64	2018	911	09/07/2018	113	2019	828	29/07/2019	071	2020	1158	22/07/2020	114	2021	1168	10/07/2021	98	2022	2110	11/07/2022	137
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2013	1243	12/07/2013	96																																											
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2016	786	08/07/2016	64																																											
2017	484	12/09/2017	64																																											
2018	911	09/07/2018	113																																											
2019	828	29/07/2019	071																																											
2020	1158	22/07/2020	114																																											
2021	1168	10/07/2021	98																																											
2022	2110	11/07/2022	137																																											
viii.	<p>Industrial waste water (CHP, workshop and waste water from the mine) should be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.</p>	<p>Agreed.</p>																																												

(d) Noise & Vibration Control		
i.	<p>Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.</p>	<p>Proper maintenance of HEMM will be done and plantation has been done to control noise levels below 85 dBA. Workers engaged in blasting and drilling operations will be provided with ear plugs/muffs.</p>
ii.	<p>Controlled blasting techniques should be practiced with use of delay detonators to mitigate ground vibrations and fly rocks.</p>	<p>Controlled blasting is being done with delay detonator in day time only. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders are implemented as per the permission given by DGMS. Design of holes and charging of holes are being done as per DGMS permission.</p>
(e) Occupational Health & Safety		
i.	<p>Besides carrying out regular periodic health check-up of their workers, 20% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an specialised agency /institution within the District/State and the results reported to this Ministry and to DGMS.</p>	<p>Periodical medical examinations of all workers are conducted in every five years.</p> <p>If any occupational diseases and hearing impairment found, action is taken as per guidelines and complied. Medical examination of 10% of the workers identified from workforce engaged in active mining operations will be subjected to health check-up through specialized agency within the district (Govt. hospital).</p>
ii.	<p>Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Supervisory staff shall be held responsible for ensuring compulsory wearing of dust mask.</p>	<p>Personnel working in dusty areas are given dust mask and training and information on safety and health aspects.</p> <p>Training and information on safety and health aspects is provided at GVTC.</p>
iii.	<p>In case of outsourcing of work through MDO, the project proponent shall ensure the strict compliance enforcement of the above conditions.</p>	<p>Strict compliance of enforcement of the above conditions will be ensured.</p>
(f) Biodiversity		
i.	<p>The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.</p>	<p>All precautionary measures will be taken during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna will be prepared and implemented in consultation with the State Forest and Wildlife Department.</p>

(g) Implementation of Action Plan as Per Public Hearing & CSR Activities		
i.	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees should be compensated as per the norms laid out R&R Policy of the Company or the National R&R Policy or R&R Policy of the State Government, whichever is higher.	Noted and will be complied.
ii.	The Board of every company, shall ensure that the company spends, in every financial year, at least two per cent, of the average net profits of the company made during the three immediately preceding financial years, in pursuance of its Corporate Social Responsibility Policy under Section 135 of the Companies Act, 2013, for the Socio Economic Development of the neighborhood.	As per CSR policy of Coal India Limited Rs. 2/tonne of coal produced or 2% of the average net profits of the company made during the three immediately preceding financial years whichever is more is spent on Corporate Social Responsibility works.
(h) Corporate Environment Responsibility		
i.	The Company should have a well laid down Environment Policy approved by the Board of Directors.	Coal India Limited's Corporate Environment Policy approved by the board of director exists.
ii.	To have proper checks and balances, the Company should 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.	To have proper checks and balances, the WCL have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the WCL.
iii.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	At unit level Environmental Management Cell is headed by Chief Manager (Civil) / Nodal Officer (Environment) who reports to Sub Area Manager. At Area level Environmental Management Cell is headed by Area Nodal Officer (Env.) and assisted by Asst. Manager(Env.) who report to Area General Manager. At company level Environmental Management Cell is headed by General Manager (Environment)/HOD assisted by qualified and experienced environmental engineers who directly report to the Director (Project & Planning), WCL.
iv.	The funds earmarked for environmental protection measures should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office.	Funds earmarked for Environment protection measures is not diverted for other purpose. Year wise expenditure under Environment Head is regularly report to Regional Office, MoEF & CC Nagpur along with Six Monthly EC Compliance Report.

(i) Statutory Obligations		
i.	Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, NGT and any other Court of Law, if any, as may be applicable to this project.	Noted.
ii.	This Environmental Clearance is subject to obtaining requisite NBWL Clearance from the Standing Committee of National Board for Wildlife, if any, as applicable for this Mining project.	Not applicable for this project
iii.	The project proponent shall obtain Consent to Establish and Consent to Operate from the concerned State Pollution Control Board prior to increase in capacity of washery and effectively implement all the conditions stipulated therein. Consent to Operate has been granted by MPCB vide Consent Order No. RED/L.S.I (R35)No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000107029/CR/2203000019 dated 01.03.2022. Valid upto 31.03.2023	Consent to Operate has been granted by MPCB vide Consent Order No. RED/L.S.I (R35)No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000107029/CR/2203000019 dated 01.03.2022. Valid upto 31.03.2023 CTO renewal applied.
iv.	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) for the project.	Noted
v.	Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) for drawl of water (surface and ground water).	Noted
(j) Monitoring of Project		
i.	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 operation. The monitoring shall be carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Regular monitoring of ground water level and quality is being carried out four times in a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) and for quality in May. Report on Monitoring Ground Water Level and Quality Analysis is being sent regularly to MoEF & CC Delhi, RO MoEF & CC Nagpur, CGWA Delhi, Regional Director CGWB Nagpur and RO MPCB Chandrapur
ii.	The project proponent shall submit six monthly reports on the status of the	Six monthly compliance reports are being sent regularly to Regional Office, MoEF&CC, Nagpur

	implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.	and Regional Office, MPCB, Chandrapur.
iii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	All necessary co-operations will be extended to Regional Office, Nagpur.
iv.	The activities pertaining to development of green belt / horticulture shall be reported to concerned Regional Office of MoEF&CC on six monthly basis from the date of commencement of mining operations.	The activities pertaining to development of green belt / horticulture will be reported to Regional Office, MoEF & CC, Nagpur on six monthly basis.
v.	For half yearly monitoring reports, the data should be monitored for the period of April to September and October to March of the financial years and submitted to the concerned authorities within 2 months of the completion of periodicity of monitoring.	Agreed.
(k) Miscellaneous		
i.	A copy of clearance letter will be marked to concerned Panchayat /local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	A copy of EC Letter has been given to Gram Panchayat Ghonsa village on 10 th June, 2017.
ii.	An electronic copy of the EC letter shall be marked to the concerned State Pollution Control Board, Regional Office, District Industry Sector and Collector's Office/Tehsildar Office for information in public domain within 30 days.	An electronic copy of the EC Letter has been emailed to Maharashtra Pollution Control Board, Regional Officer Chandapur, Collector Yavatmal, SDO Wani on 10 th June, 2017.
iii.	The EC letter shall be uploaded on the company's website. The compliance status of the stipulated EC conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM10, PM25, SO2 and NO (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.	Environmental Clearance letter has been uploaded on WCL's website (www.westerncoal.gov.in) Link for EC letter: http://westerncoal.nic.in/sites/default/files/userfiles/GHONSA%20OC%200.6.pdf Six Monthly Compliance Status of EC Conditions and monitoring data of environmental quality parameter (air, water, noise) is regularly uploaded on WCL's website.

iv.	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue 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 also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.	A public notice regarding this information has been advertised in two local news papers: 1. तरुण भारत, आपत्तं यत्तमाळ dated 15 th June, 2017 on Page no. 13, Marathi Daily news paper 2. The Hitavada dated 15 th June, 2017 on Page no. 3. English Daily news paper
v.	The Environmental Statement for each financial year ending 31 March in Form-V is mandated to be submitted by the PP for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail.	Environmental Statement for each financial year ending 31st March in Form - V is submitted to Maharashtra Pollution Control Board. Environmental Statement-Form V for year 2023-24 has been submitted on online portal of MPCB.
5.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.	Noted.
6.	The project proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Noted.
7.	The PP shall set up an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC Conditions.	Environment Audit Cell has been setup with responsibility & accountability to ensure compliance of all the Environment Clearance conditions.
8.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this EC and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
9.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act,	Noted.

	<p>1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter. The PP shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.</p>	
10.	<p>Any appeal against this EC 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.</p>	Noted.
11.	<p>This EC supersedes the earlier EC granted vide letter No.J-11015/165/2009-IA.II (M) dated 8th December, 2014 for expansion in production capacity from 0.45 MTPA to 0.60 MTPA in ML area of 128.79 ha.</p>	Noted.

Grant
21/11/24
Survey Officer
Ghonsa OC Mine

Noted
21/11/2024
Nodal Officer (Env.)
Ghonsa Sub Area

[Signature]
21.11.24
Mine Manager
Ghonsa OC Mine

[Signature]
23/11
Sub Area Manager
Ghonsa Sub Area