

**Half Yearly Compliance Report
2024
01 Jun(01 Oct - 31 Mar)**

Acknowledgment

Proposal Name	Enhancement of Iron Ore Mining Capacity from 0.05 MTPA to 2.95 MTPA with 1.0 Beneficiation plant at the mining lease Area (35.74 Ha out of 192.25 Ha) of M/s Jayaswal Neco Industries Limited located at Village - Chhotedongar, Tehsil and District - Narayanpur Chhattisgarh		
Name of Entity / Corporate Office	Jayaswal Neco Industries Limited		
Village(s)	N/A		
District	NARAYANPUR		
Proposal No.	IA/CG/MIN/181523/2019	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	CHHATTISGARH	Entity's PAN	NA
MoEF File No.	J-11015/62/2019-IA.II(M)	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	including in Amendment EC for increasing of Mining area from 35.74 ha to 91.0 Ha out of total mining lease area of 192.25 Ha.
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	Jayaswal Neco Industries Limited	
	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	192.25	91.0
Others	0	0
Total	192.25	91

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Iron Ore beneficiation	Tons per Annum (TPA)	01/01/0001	1000000	0.0	0
2	Mining of Iron Ore	Tons per Annum (TPA)	18/03/2024	2950000	1609847.00	2950000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	As the Public Hearing has been carried out for the entire 192.25 ha., PP after taking Stage-II Forest Clearance for remaining area i.e. 55.26 Ha. and Stage-I Forest Clearance for balance 101.25 Ha. may again approach the Ministry for undertaking mining in the remaining area with proper mining plan.
PPs Submission: Complied We have approached to SEAC CG with revised mining plan for EC amendment for increasing the mining area from 35.74 Ha to 91.0 Ha & obtain the same. The Stage I FC remaining 101.25 Ha has been obtain, we have filled an application of FRESH EC to increase the production from 2.95 MTPA to 6.0 MTPA in entire 192.25 ha mining lease area.		Date: 29/05/2024
2	Statutory compliance	Project proponent shall not use the filter cake either for road making or pit filling till the suitability test is carried out. Till then cake should be stored in a safe place without causing any environmental Impacts.
PPs Submission: Agreed to Comply Will be applicable once the beneficiation plant is commissioned .		Date: 29/05/2024
3	WASTE MANAGEMENT	Tailings converted into cake by using pressure filter needs to tested fir its suitability either for making the road or to store in tailing dumps from environmental point of view such as dust generation etc. by the PP from the reputed agency like CRRI.
PPs Submission: Agreed to Comply Will be applicable once the beneficiation plant will be commissioned .		Date: 29/05/2024
4	Noise Monitoring & Prevention	Project Proponent as given in the EMP must monitor noise, ground vibration and air quality all around the lease boundary of 35.74 ha. during blasting and to ensure that the impacts do no reach the nearby forest area.
PPs Submission: Complied Ground vibration, noise and air quality monitoring is being carried out on regular basis.		Date: 29/05/2024
5	PUBLIC HEARING	All the public concerns as expressed and mentioned in the EIA report be implemented and addressed by the project proponent within a year from the start of mining operations.
PPs Submission: Complied		Date:

All the public concerns is addressed and documents attached.		29/05/2024
6	GREENBELT	Project Proponent should undertake the peripheral plantation as shown in the surface plan for 35.74 Ha. within a period of 6 months with the seedlings of 6-8 ft. height having at least 90% survival rate.
PPs Submission: Complied Peripheral plantation is carried out approx 5000 sapling with survival number 4387 plant. the gap filling carried out at every monsoon.		Date: 29/05/2024
7	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent submitted that the recycled water will be 1913 KLD. It should be ensured that the EMP including tertiary treatment as mentioned in the EIA report shall be implemented and spillage of water outside the ML shall not be permitted.
PPs Submission: Agreed to Comply Will be applicable once the beneficiation plant is commissioned		Date: 29/05/2024
8	MISCELLANEOUS	The Project Proponent shall include the budget for the betterment of schools nearby and also to facilitate the online education system by providing Wi-Fi connectivity and desktops/tablets.
PPs Submission: Complied Desktop computers have been provided for training and online education. Expenditure incurred for betterment of education of nearby villages. the detail attached as annexures.		Date: 29/05/2024
9	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall obtain permission for withdrawal of ground water as well as using surface water from River/Nallah from the concerned authority before starting the mining operation.
PPs Submission: Complied Permission obtained for the 330 KL/day from CGWA. Also applied to WRD (Water Resources Department – Govt. of CG) for the withdrawal of surface water from Madin River. Proposal is drawl of water from River Madin had been approved by Water Resources Department government of Chhattisgarh.		Date: 29/05/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	This Environmental Clearance (EC) is subject to orders/judgement of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
PPs Submission: Agreed to Comply Agreed		Date: 29/05/2024
2	Statutory compliance	The Project Proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No.114 of 2014 in matter of common cause versus Union of India & Ors. before commencing the mining operations.
PPs Submission: Complied All the statutory requirements are being complied.		Date: 29/05/2024

3	Statutory compliance	The State Govt. concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No.114 of 2014 in matter of Common Cause versus Union of India & Ors.
PPs Submission: Agreed to Comply Noted		Date: 29/05/2024
4	Statutory compliance	The Project Proponent shall follow the mitigation measures provided in MoEF & CC's Office Memorandum No.Z-11013/57/2014-IA.II(M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area"
PPs Submission: Agreed to Comply : There is No habitation in the mining lease area, however all the mitigation measures provided in MoEF & CC's Office Memorandum No.Z-11013/57/2014-IA.II(M), dated 29th October, 2014 is being followed .		Date: 29/05/2024
5	Statutory compliance	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
PPs Submission: Complied Receipt copy already submitted to the concerned office.		Date: 29/05/2024
6	Statutory compliance	State Pollution Control Board / Committee shall be responsible for display of this EC letter at its Regional Office, District Industries Centre and Collector's office / Tehsildar's Office for 30 days.
PPs Submission: Complied complied		Date: 30/05/2024
7	Statutory compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board / Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF & CC, Regional Office for compliance and record.
PPs Submission: Complied The Environment Clearance advertisement published on 24/03/2021 in two local newspaper (i) Patrika (ii) Amrit Sandesh.		Date: 29/05/2024
8	Statutory compliance	The Project Proponent shall inform the MoEF & CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carries out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

PPs Submission: Agreed to Comply Noted.		Date: 30/05/2024
9	Noise Monitoring & Prevention	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers / personals / labourers are working without personal protective equipment.
PPs Submission: Being Complied Noise Level monitoring is being carried out and observe that noise level is found below 85 dBA. PPE kits are given to all the workmen while entering the mining area (nose mask, Ear Plug and Goggles, helmet) are provide to all the workmen.		Date: 30/05/2024
10	MINING PLAN	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, overburden, interburden and top soil etc.) ; mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life.).
PPs Submission: Complied Approved Mining Plan is being adhered and complied.		Date: 30/05/2024
11	MINING PLAN	The mining shall be governed as per the approved mining plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF & CC and its concerned Regional Office.
PPs Submission: Complied The Mining is being carried out as per only Mining Plan. The Half yearly compliance report is being submitting to the IRO, MoEF CC		Date: 30/05/2024
12	LAND RECLAMATION	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB/ waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The Topsoil shall be used for land reclamation and plantation.
PPs Submission: Being Complied The overburden generated during excavation is stored in earmarked area as per Mining Plan. Top soil stacked separately and used for plantation purpose.		Date: 30/05/2024
13	LAND RECLAMATION	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local

		climatic parameters and help in adaption of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer / compactors thereby ensuring proper filling / levelling of dump mass. In critical areas, use of geo textiles / geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
PPs Submission: Being Complied To prevent the erosion and surface run off local species is being vegetated on slope of dumps.		Date: 30/05/2024
14	LAND RECLAMATION	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil / OB / Waste dumps to prevent run off of water and flow of sediments directly in to the water bodies (Nallah/ River / Pond etc.). The collected water should be utilised for watering the mine area, roads, green belt development , plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
PPs Submission: Being Complied 2225 Meter of catch drain has been constructed. (1) Dimension- 125 Mtr(L) X 2 Mtr(W) X 1.5 Mtr(D) at 35 Ha camp. (2) Dimension- 600 Mtr(L) X 2 Mtr(W) X 1.5Mtr(D) at Toe of waste dump to pit bottom. (3) Dimension- 1500Mtr(L) X 1.5 Mt(W) X 1.5 Mtr(D) at Section 3 road to 2 Ha settling pond. And 4 Nos of settling pond han been constructed. (1). Dimension- 5 Mtr (L) X 4 Mtr(W) X 3.5 Mtr(D). (2). Dimension- 11 Mtr (L) X 11 Mtr(W) X 3.5 Mtr(D). (3). Dimension- 12 Mtr(L) X 12 Mtr(W) X 3.5 Mtr(D). (4). Dimension- 20Mtr(L) X 11 Mtr(W) X 3.5 Mtr(D) have been constructed to prevent the run off of water.		Date: 30/05/2024
15	LAND RECLAMATION	Check Dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments / silt material. The sedimentation pits / sumps shall be constructed at the corners of the garland drains.
PPs Submission: Being Complied Check Dams of appropriate size, gradient and length has been constructed around mine pit and OB dumps to strom run-off and sediment flow into adjoining water bodies. Check dam-1 Dimension- 4 Mtr(L) X 1.2 Mtr(W) X 1.2 Mtr(D). Checkdam-2. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D). checkdam-3. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D). Checkdam-4. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D).		Date: 30/05/2024
16	AIR QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120 degree is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, No2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No.B-29016/20/90/PCI/I, dated18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. T ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

PPs Submission: Complied 03 Nos. Online ambient Air Quality monitoring station have been installed for measured the air pollution PM10, PM2.5, SO2, NO2, and CO etc and data transmitted to CECB/CPCB server regularly.		Date: 30/05/2024
17	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures for prevention of dust generation of dust generation and subsequent suppression (like regular water sprinkling, metallad road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's / machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF & CC/ Central Pollution Control Board.
PPs Submission: Being Complied Dust suppression/water sprinklers has been provided on crusher, Concrete roads constructed to avoid fugitive emission due to vehicle movement .Adequate number of water tankers with sprinkler attachment are deployed on haul roads loading and unloading area, dust emission is monitored and controlled to the maximum extend. Report of fugitive emission is attached.		Date: 30/05/2024
18	WATER QUALITY MONITORING AND PRESERVATION	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEF & CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydrogeological study of the area.
PPs Submission: Agreed to Comply Ground water level will never be intercepted during mining operation. The top of the mine is 939 MRL and the mining will be done till 758 MRL. However every time necessary precaution will be taken.		Date: 30/05/2024
19	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority / State Ground Water Department. The report on changes in Ground water level and quality shall be submitted on six monthly basis to the Regional Office of the Ministry, CGWA and State Ground Water Department / State Pollution Control Board.
PPs Submission: Complied Ground water level and quality is being monitored through piezometer installed in mining area. The ground water quality report is attached.		Date: 30/05/2024
20	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent shall undertake regular monitoring of natural water course / water resources / springs and perennial nallahs existing / flowing in and around the mine lease including upstream and downstream. Sufficient number of water. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and / or alteration be made to water bodies during mining operations without justification and prior approval of MoEF & CC.

		The monitoring of water courses / bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August), Post-monsoon (November) and winter (January) and the record of monitored data 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, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six monthly basis.
PPs Submission: Complied Monitoring of water quality is being carried out at upstream and downstream of Madin river at regular interval. Report is attached		Date: 30/05/2024
21	WATER QUALITY MONITORING AND PRESERVATION	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination and runoff shall be monitored along with Total suspended solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No.J-20012/1/2006-IA.II (M) dated.27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
PPs Submission: Agreed to Comply No waste water is generated from the mine. Beneficiation Plant has not been installed so far.		Date: 30/05/2024
22	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board / State Ground Water Department. A report on amount of water recharged needs to be submitted to Regional Office, MoEF & CC annually.
PPs Submission: Being Complied 2 Nos of Rainwater harvesting pond has been constructed. One at 55.26 Hec. DIMENSION – 65 Mtr(L) X 35 Mtr(W) X 5 Mtr(D) CAPACITY – 10000 CUM and another one at 35.74 Hec. DIMENSION – 45 Mtr(L) X 20 Mtr(W) X 4 Mtr(D) CAPACITY – 3000 CUM		Date: 30/05/2024
23	WATER QUALITY MONITORING AND PRESERVATION	Industrial Waste Water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB).The workshop effluent shall be treated after its initial passage through Oil and grease trap.
PPs Submission: Complied No waste water is generated from the mine as the beneficiation plant has not installed so far. Also no workshop is established there.		Date: 30/05/2024
24	WATER QUALITY MONITORING AND PRESERVATION	The Water balance / water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF & CC and State Pollution Control Board /Committee.
PPs Submission: Agreed to Comply Water auditing shall be carried out after installation of beneficiation plant and their after water balance and water audit report shall be submitted to MoEF &CC & CECB.		Date: 30/05/2024

25	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
PPs Submission: Complied PPV for blast induced vibration is monitored during blasting .		Date: 30/05/2024
26	Noise Monitoring & Prevention	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights / masks away from the villagers and keeping the noise levels well within the prescribed limits for day / night hours.
PPs Submission: Agreed to Comply Presently no mining activities are carried out during night hours.		Date: 30/05/2024
27	GREENBELT	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded / protected against felling and plantation of such trees should be promoted.
PPs Submission: Agreed to Comply The mining lease area 192.25 Ha. is Total forest area no grazing land is involved in the Mining Lease area.		Date: 30/05/2024
28	Human Health Environment	Project Proponent shall make provision for the housing for workers / labors or shall construct labour camps within /outside (company owned land) with necessary basic infrastructure / facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
PPs Submission: Complied All the workers engaged in mines are local residents. As such requirement does not arise of Housing colony/Facility. However adequate temporary sheds have been constructed at site wherein fresh drinking water, first aid etc. has been provided.		Date: 30/05/2024
29	Corporate Environmental Responsibility	The Project Proponent Shall submit the time-bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF & CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
PPs Submission: Complied		Date:

The Time bound action Plan made as per the MoEF & CC; OM dated 30 September, 2020 the copy is attached		30/05/2024
30	MISCELLANEOUS	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF & CC.
PPs Submission: Agreed to Comply Noted for Compliance.		Date: 30/05/2024
31	MISCELLANEOUS	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned Authorities and the date of start of land development work.
PPs Submission: Agreed to Comply Stands Complied.		Date: 30/05/2024
32	MISCELLANEOUS	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEF & CC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
PPs Submission: Complied Six monthly compliance reports to the MoEF & CC and its concerned Regional office, Central Pollution Control Board is being submitted regularly.		Date: 30/05/2024
33	MISCELLANEOUS	A Separate "Environmental Management Cell" with suitable qualified manpower should be setup under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF & CC.
PPs Submission: Complied Environment monitoring cell at ground level is well in place, with a fully operative Laboratory situated at Bhanupratappur, Kanker. The HOD and all specialized team are at Raipur coordinating all the mining activity on daily basis. Our consolidated Laboratory have various facilities for analyze air, water etc are at Raipur.		Date: 30/05/2024
34	MISCELLANEOUS	The concerned Regional Office of the MoEF & CC shall randomly monitor compliance of the stipulated conditions. The Project Authorities should extend full cooperation to the MoEF & CC Officer(s) by furnishing the requisite data / information / monitoring reports.
PPs Submission: Agreed to Comply Noted for Compliance at all times.		Date: 30/05/2024
35	MISCELLANEOUS	In pursuant to Ministry's O.M. No.22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 08.01.2020 in W.P.(Civil) No. 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

PPs Submission: Agreed to Comply Noted for compliance at all times.		Date: 30/05/2024
36	MISCELLANEOUS	The Ministry or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of Environment protection.
PPs Submission: Agreed to Comply Noted for compliance at all times.		Date: 30/05/2024
37	MISCELLANEOUS	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 clearance and attracts action under the provisions of Environment(Protection) Act, 1986.
PPs Submission: Agreed to Comply Noted for compliance at all times.		Date: 30/05/2024
38	MISCELLANEOUS	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air(Prevention & Control of Pollution) Act, 1981, the Environment(Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India / High Court and any other Court of Law relating to the subject matter.
PPs Submission: Agreed to Comply Noted.		Date: 30/05/2024
39	MISCELLANEOUS	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.
PPs Submission: Agreed to Comply Noted.		Date: 30/05/2024
40	MISCELLANEOUS	This issue with the approval of Competent Authority.
PPs Submission: Agreed to Comply Noted.		Date: 30/05/2024
41	MISCELLANEOUS	No Transportation of the materials shall be allowed in case of roads passing through villages / habitations. In such cases, PP shall construct a 'bypass' road for the purpose of the transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular

		emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorised pollution testing centers. (If applicable in case of road transport).
PPs Submission: Being Complied Noted and being complied. All the vehicle are used only valid PUC certified vehicle.		Date: 30/05/2024
42	MISCELLANEOUS	The main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards, etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc, shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of fugitive dust emissions.
PPs Submission: Complied Water tankers are deployed on main haulage road and other roads for dust suppression. The Dust suppression system is provided at Crusher and Belt Conveyors to avoid fugitive dust emission. fugitive emission report is attached.		Date: 30/05/2024
43	GREENBELT	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area, The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
PPs Submission: Being Complied Green belt is being developed 7.5 m wide in safety zone all around the Mining Lease Boundary as per approved Mining Plan.		Date: 30/05/2024
44	GREENBELT	The Project proponent shall carryout plantation / afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department / Agriculture Department / Rural Development Department / Tribal Welfare Department / Gram Panchayat such that only those species be selected which are of use to the local people. he CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
PPs Submission: Being Complied Regular plantation in and around the mining lease area is being done in consultation with the forest department approx 5000 Nos. plantation is done and regularly going on. On a humble approach the company deposited Rs.10 lacs. for development of 10 Nos of Krishna Kunj declared by the Government of Chhattisgarh.		Date: 30/05/2024
45	MISCELLANEOUS	The Project Proponent needs to implement the recommendations of the slope monitoring studies to be carried out by CSIR. The implementation status of the same shall be submitted to the Ministry's Integrated Regional Office (IRO) along with the six-monthly compliance report.

PPs Submission: Being Complied We have approached to CSIR for slope monitoring study, CSIR asked time period one year for the preparation of slope monitoring study. We have requested to SEIAA to permit us to carry out the study from other accredited firm/Govt body to get it done early for its implementation. Slope Monitoring study shall carried out soon.		Date: 31/05/2024
46	MISCELLANEOUS	Project proponent shall carryout the EIA study in accordance to MoEF & CC circular issued from time to time & shall prepare EIA report / EMP incorporating the impact of mining on subject land and shall submit the copy of EIA /EMP within four months from the grant of amendment in environment clearance which will be further reviewed by SEAC for appraisal of the same.
PPs Submission: Complied EIA/EMP study had been carried out incorporating the impact of mining on entire 91.0 ha land and submitted to SEAC Chhattisgarh for review and appraisal.		Date: 31/05/2024
47	MISCELLANEOUS	Project proponent shall undertake noise study and submit noise level report based on modelling (worst- and best-case scenario).
PPs Submission: Complied Noise mapping study at and surrounding source of noise are being carried out by third party monitoring agency accredited by NABL . Noise monitoring study has been carried and submitted along with EIA/EMP report on 8.02.2024		Date: 31/05/2024
48	MISCELLANEOUS	The Project Proponent shall take all precautionary measures during project operations / plant operations for conservation & protection of endangered flora as well as endangered fauna spotted in the study area / project area. Action plan for conservation of flora & fauna shall be prepared & implemented in consultation with forest department & wildlife department. Necessary allocation of fund for implementation of the conservation plan shall be made & the fund so allocated shall be included in the project cost. A copy of action plan must be submitted to the SEIAA & SEAC office within 6 months.
PPs Submission: Complied The wildlife conservation plan has been prepared with the help of forest department to conserve the endangered flora and fauna. Rs. 105 lacs has been deposited to the forest department Chhattisgarh for conservation for flora and fauna.		Date: 31/05/2024
49	MISCELLANEOUS	The Project Proponent shall also organize employment-based apprenticeship / internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training for the assessment of the training program should be analyzed periodically and improved accordingly.
PPs Submission: Complied We are sponsoring local boys and girls for training in different branches of ITI, Nursing trades and other vocational trades. A free tailoring training centre is run by company to impart training to local girls. The training results are reviewed periodically and improvement proposals are implemented.		Date: 31/05/2024
50	MISCELLANEOUS	The Project Proponent shall ensure that the low-grade ore shall be effectively utilized.
PPs Submission: Complied Low grade iron ore is beneficiated at beneficiation plant of Neco Mining Company Pvt Ltd at Gidhali and being used for at Plant for steel making.		Date: 31/05/2024

51	MISCELLANEOUS	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board / State Ground Water Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF & CC annually.
PPs Submission: Complied 2 Nos of Rainwater harvesting pond has been constructed. One at 55.26 Hec. DIMENSION – 65 Mtr(L) X 35 Mtr(W) X 5 Mtr(D) CAPACITY – 10000 CUM and another one at 35.74 Hec. DIMENSION – 45 Mtr(L) X 20 Mtr(W) X 4 Mtr(D) CAPACITY – 3000 CUM		Date: 31/05/2024
52	MISCELLANEOUS	The Project Proponent shall undertake regular monitoring of natural water course/water resources/ springs and perennial nallahs existing / flowing in and around the mine lease including upstream and downstream. The parameters to be monitored shall include their water quality suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year pre-monsoon (April, May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data 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, State Pollution Control Board and Central Pollution Control Board.
PPs Submission: Complied Monitoring of Water quality is being carried out at upstream and downstream of Madin River at regular interval. Ground water level and quality monitoring is being carried out quarterly and report submitted to IRO MoEF&CC and CECB.		Date: 31/05/2024
53	MISCELLANEOUS	Quality of Polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off, acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the Project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA. II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
PPs Submission: Complied No waste water is generated from the mine as the beneficiation plant has not been installed.		Date: 31/05/2024
54	MISCELLANEOUS	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers / personals / labourers are working without personal protective equipment.
PPs Submission: Complied In order to protect the workers from noise level beyond 85 dB, necessary PPE kits are given to all		Date:

the workmen while entering the mining area (nose mask, Ear Plug and Goggles, helmet) are provide to all the workmen.		31/05/2024
55	MISCELLANEOUS	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off water and flow of sediments directly in to the water bodies (Nallah/River/Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains / sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season and maintained properly.
PPs Submission: Complied 2225 Meter of catch drain has been constructed. (1) Dimension- 125 Mtr(L) X 2 Mtr(W) X 1.5 Mtr(D) at 35 Ha camp. (2) Dimension- 600 Mtr(L) X 2 Mtr(W) X 1.5Mtr(D) at Toe of waste dump to pit bottom. (3) Dimension- 1500Mtr(L) X 1.5 Mt(W) X 1.5 Mtr(D) at Section 3 road to 2 Ha settling pond. And 4 Nos of settling pond han been constructed. (1). Dimension- 5 Mtr (L) X 4 Mtr(W) X 3.5 Mtr(D). (2). Dimension- 11 Mtr (L) X 11 Mtr(W) X 3.5 Mtr(D). (3). Dimension- 12 Mtr(L) X 12 Mtr(W) X 3.5 Mtr(D). (4). Dimension- 20Mtr(L) X 11 Mtr(W) X 3.5 Mtr(D) have been constructed to prevent the run off of water.		Date: 31/05/2024
56	MISCELLANEOUS	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining are which shall also help in providing adequate retention time period thereby allowing proper settling of sediments / silt material. The sedimentation pits / sumps shall be constructed at the corners of the garland drains.
PPs Submission: Complied Check Dams of appropriate size, gradient and length has been constructed around mine pit and OB dumps to storm run-off and sediment flow into adjoining water bodies. Check dam-1 Dimension- 4 Mtr(L) X 1.2 Mtr(W) X 1.2 Mtr(D). Checkdam-2. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D). checkdam-3. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D). Checkdam-4. Dimension- 5.5 Mtr(L) X 1.6 Mtr(W) X 1.5 Mtr(D).		Date: 31/05/2024
57	MISCELLANEOUS	The Mining lease holders shall, after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Integrated Regional Office.
PPs Submission: Agreed to Comply Progressive mine closure plan duly approved by IBM will be submitted at the end of the life of the mine and reclamation restoration will be taken up thereafter. However, Bank guarantee for degrades land during the approved plan period is submitted .		Date: 31/05/2024
58	MISCELLANEOUS	Industrial waste water (workshop if any and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
PPs Submission: Complied No waste water is generated from the mine as the beneficiation plant has not installed so far. Also, no workshop is established there.		Date: 31/05/2024

59	MISCELLANEOUS	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) Certificate for all the vehicles from authorized pollution testing centers.
PPs Submission: Complied Adequate Number of water tankers are deployed for dust suppression on the main haul road. And time to time check PUC Certificate and covered vehicle only to permit the transportation.		Date: 31/05/2024
60	MISCELLANEOUS	The Project Proponent shall ensure the survival rate of 90% for planting the gap plantation and new plantation. The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 90% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Integrated Regional Office Project proponent shall use saplings Of 10 feet height for plantation.
PPs Submission: Being Complied Green belt development is being carried out with survival rate 90 %. The gap planation is also being done at every monsoon.		Date: 31/05/2024
61	MISCELLANEOUS	Project proponent shall submit CER proposals of 2% of the total project cost preferably for creation of Eco Park with details of works along with their estimates including land cost and incorporating the plant cost, fertilizer cost, irrigation cost and maintenance cost for at least 5 years in SEIAA, Chhattisgarh.
PPs Submission: Being Complied The budget for Corporate Environment Responsibility of Rs. 172.97 lacs with details action plant for 5 years has been submitted to SEIAA along with EIA/EMP report. Expenditure incurred for CER 200 lacs against the earlier declared amount 85.0 lacs (details is attached herewith).		Date: 31/05/2024
62	MISCELLANEOUS	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole green belt shall be developed within first 5 years starting from windward side of the active mining area.
PPs Submission: Being Complied Green belt is being developed in safety zone all along mine lease boundary, more than 5000 saplings have been planted so far. In coming monsoon more trees will be planted.		Date: 31/05/2024
63	MISCELLANEOUS	Project Proponent shall submit the Corporate Environmental Responsibility project work completion report issued by the concerned Gram Panchayat.
PPs Submission: Agreed to Comply Shall be submitted.		Date: 31/05/2024
64	MISCELLANEOUS	The Project Proponent shall continue the monitoring of ground induced blast vibrations for every blast through authorized institutes and the results are to compared with the limiting values prescribed by Director General of Mine Safety (DGMS). PP shall ensure that the values of "peak particle velocity" and Air Over Pressure shall be maintained below the permissible.
PPs Submission: Agreed to Comply		Date:

Right now we are not undertaking any blasting activities. In future we will monitor Ground induced vibration and compare PPV with the standard prescribed by DGMS deploying approved type Seismograph.		31/05/2024
65	MISCELLANEOUS	The wildlife conservation plan shall be prepared in consultation with the State Forest / Wildlife Department shall be implemented and compliance of the same shall be submitted to IRO of MOEF & CC for every six months.
PPs Submission: Complied Wildlife conservation plan has been prepared and submitted.		Date: 31/05/2024
66	MISCELLANEOUS	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health checkup every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.
PPs Submission: Complied Periodically health monitoring of all employees and workers are being carried out every year and records being maintained. Health camp is being organized nearby villages for health checkup.		Date: 31/05/2024
67	MISCELLANEOUS	The Project Proponent shall install a minimum of 3(three) online Ambient Air Quality Monitoring Stations with 1(one) in upwind and 2(two) in downwind direction based on long term climatological data about wind direction such that an angle of 120 degree is made between the monitoring locations to monitor critical parameters, relevant for mining operations , of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No.B-29016 /20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site. The real time data generated from the continuous ambient air quality monitoring stations (CAAQMS) should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB.
PPs Submission: Complied 3 Numbers Continuous ambient air quality monitoring stations installed for monitoring of air pollutants viz PM10, PM2.5, NO2, CO and SO2 . The real time data of same is being transmitted to CECB and CPCB server. The CAAQMS monitoring values are being displayed digitally for public.		Date: 31/05/2024
68	MISCELLANEOUS	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's / machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MOEFCC/Central Pollution Control Board.

PPs Submission: Complied

Adequate number of water tankers with sprinkler attachment are deployed in the site, at haul road, loading and unloading point and transfer points. For dust emission is monitored and controlled to the maximum extend. Static sprinklers are fitted at different transfer chutes, material hoppers and discharge points of Crusher and screens.

Date:
31/05/2024

Visit Remarks**Last Site Visit Report Date:**

26/05/2022

Additional Remarks: