

EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No : IA/CG/MIN/181523/2019

1. Name of the Entity / Corporate Office :

2. Proponent Details :

3. Compliance Letter/Report (Proponent):




4. Summary Status of Compliance :

Total Condition :	50		
Complied :	11	Being Complied :	22
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	17		

5. Details of Production and Project Area :

6. Specific Conditions (Proponent) :


S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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.	Agreed to Comply	Will be applicable once the beneficiation plant is commissioned .	N/A	
2	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.	Complied	Desktop has been provided for training and online education.	N/A	
3	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	Agreed to Comply	Will approach the authority with proper Mining Plan.	N/A	

	remaining area with proper mining plan.				
4	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.	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.		
5	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.	Being Complied	Peripheral plantation is carried out. Plantation Photographs is attached as Annexure-2		
6	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.	Complied	Public concerned as mentioned in Final EIA are being addressed .Details is given in Annexure-1.		
7	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 CRRl.	Agreed to Comply	Will be applicable once the beneficiation plant is commissioned .	N/A	
8	Project Proponent as given in the EMP must monitor noise, ground vibration and air quality all around the lease boundary of m35.74 ha. during blasting and to ensure that the impacts do no reach the nearby forest area.	Complied	No blasting is done now but while blasting at any stage monitoring of ground vibration, noise and air quality shall be conducted on regular basis.	N/A	
9	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.	Agreed to Comply	Will be applicable once the beneficiation plant is commissioned .	N/A	


7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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	Complied	Ground water level will never be intercepted during the mining operation. The top of the mine is 939 MRL and the mining will be done till 758 MRL. However	N/A	

	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 th		everytime necessary precaution will be done.		
2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled 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	Being Complied	Adequate number of water tankers with sprinkler attachment are deployed in the site, dust emission is monitored and controlled to the maximum extend.	N/A	
3	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.	Complied	The Overburden generated during excavation is stored in earmarked area. Top soil stacked separately for use of plantation at later stage.	N/A	
4	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.	Being Complied	Six monthly compliance reports to the MoEF & CC & its concerned Regional Office, Central Pollution Control Board is being submitted regularly. Last report submitted on 1.06.2022 thru E-mail	N/A	
5	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.	Being Complied	No waste water is generated from the mine as the beneficiation plant has not installed so far. Also no workshop is established there.	N/A	
6	The Project Proponent shall	Agreed to Comply	Noted for	N/A	

	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.		compliance.		
7	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.	Agreed to Comply	Noted for compliance at all times.	N/A	
8	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.	Agreed to Comply	Shall be done along with the installation of beneficiation plant.	N/A	
9	The 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.	Being Complied	Noted for compliance at all times.	N/A	
10	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.	Complied	Stands Complied.	N/A	
11	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 justifi	Being Complied	Monitoring of water quality is being carried out at upstream and downstream of Madin river at regular interval. Copy submitted to concerned office.		
12	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by	Being Complied	Ground water level and quality is being monitored through	N/A	

	<p>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.</p>		piezometer installed in bore wells.		
13	<p>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.</p>	Agreed to Comply	Noted for compliance at all times.	N/A	
14	<p>The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden 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</p>	Agreed to Comply	Noted for compliance at all times.	N/A	
15	<p>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.</p>	Complied	<p>Environment monitoring cell at ground level is well in place, with a fully operative Laboratory situated at Bhanupratappur. The HOD and team are at Raipur coordinating all the Mining activity regularly</p>	N/A	
16	<p>The Ministry or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of Environment protection.</p>	Being Complied	Noted for compliance at all times.	N/A	

17	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.	Being Complied	The Time bound action Plan made as per the MoEF & CC; OM dated 30 September, 2020 the copy is attached		
18	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. Th	Being Complied	Regular plantation in and around the mining lease area is being done in consultation with the forest department. The company deposited Rs. 10 lacs. for development of of Krishn Kunj to Govt. Of C.G.	N/A	
19	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 sedimentatio	Agreed to Comply	Check dams had been constructed to check the flow of water.	N/A	
20	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 equipments like bag filters,	Being Complied	Adequate Number of water tankers are deployed for dust suppression on the main haul road.	N/A	

	vaccum suction hoods, dry fogging syste				
21	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	Being Complied	Noted for compliance at all times, however no grazing land is involved in the ML area.	N/A	
22	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 fillin	Agreed to Comply	Noted for compliance at all times .	N/A	
23	Project Proponent shall make provision for the housing for workers / labors or shall construct labor 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	Being Complied	All the workers engaged in mines are local residents. As such requirement does not arise of Housing colony/Facility. However fresh drinking water, medical facility etc. are in place.	N/A	
24	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.	Being Complied	Noted for compliance at all times.	N/A	
25	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	Being Complied	Agreed for compliance at all times.	N/A	

	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 Sta				
26	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 mainta	Being Complied	Catch drains of 250 meters as well as four nos. of settling tanks have been constructed to prevent the run off of water.	N/A	
27	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 prescrib	Being Complied	Presently no mining activities are carried out during night hours.	N/A	
28	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 devises 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 work	Being Complied	At present no blasting is done hence the noise level is within the limits. However necessary PPE kits are given to all the workmen while entering the mining area (nose mask, Ear Plug and Goggles, etc.	N/A	
29	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.	Being Complied	Green belt development work is going on.	N/A	

	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.				
30	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Being Complied	Since the mining at present is done without blasting hence the same is not applicable. PPV for blast induced vibration will be monitored during blasting	N/A	
31	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"	Agreed to Comply	Being followed regularly	N/A	
32	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.	Being Complied	Construction of Rain Water Harvesting system is under construction.	N/A	
33	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.	Agreed to Comply	Agreed	N/A	
34	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.	Complied	Complied	N/A	
35	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	Being Complied	We have procured the same however the installation could not done as security clearance had not been given. (Please note the	N/A	

	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, d		area is highly LWE Infected).		
36	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 C	Complied	Complied. The Environment Clearance advertisement published on 24/03/2021 in two local newspaper (i) Patrika (ii) Amrit Sandesh.	N/A	
37	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.	Agreed to Comply	Agreed	N/A	
38	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.	Agreed to Comply	No waste water is generated from the mine. Beneficiation Plant has not been installed so far.	N/A	
39	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.	Complied	Receipt copy already submitted to the concerned office.	N/A	
40	The Project Proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2nd August, 2017 in	Agreed to Comply	Agreed	N/A	

	Writ Petition (Civil) No.114 of 2014 in matter of common cause versus Union of India & Ors. before commencing the mining operations.				
41	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.	Agreed to Comply	Agreed	N/A	

****Note : N/A - Not Available**

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