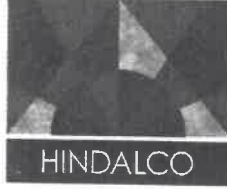


o/c

ADITYA BIRLA



Registered Post

The Additional PCCF,
Ministry of Environment, Forests & Climate Change
Regional office (West Central Zone),
Ground Floor, East Wing,
"New Secretary Building"
Civil lines, Nagpur - 440001

26/05/2018

Subject: Revised Compliance Status of Environment Clearance conditions

Dear Sir,

We have been granted Environment Clearance to our **Durgmanwadi Bauxite Mines** on 5th of February 2007 vide clearance No J-11015/239/2006-IA-II (M).

Please be informed that, since 17/03/2018, the mining activities at our Durgmanwadi Bauxite Mines have been stopped as per the directions and show cause notice dated 15th March 2018, bearing reference NO.Z-11013/3/2018-IA-II (M), issued by Ministry of Environment Forest & Climate Change. The same is enclosed for your ready reference.

We are herewith submitting the compliance against the conditions laid down in the Environment Clearance; for the 6 months duration (October'17 to March'18) along with the environment monitoring reports of Air, Water and Noise quality for the post monsoon and winter season.

Please be informed that, we have already submitted the above compliance status of Environment Clearance vide our letter dated 14th May 2018 which is please be ignored and consider this corrected compliance.

Hope you will please find the above in order.

Thanking you,

Yours very truly,

Mainak Chakraborty
Vice President – Mines

Encl. A/a

Copy to:

1. The Chief Conservator of Forests (Central)
Ministry of Environment & Forests
Regional office, BHOPAL.

2. The Member Secretary,
Central Pollution Control Board,
Parivesh Bhavan, East Arjun Nagar,
DELHI - 110032

3. The Regional Officer
Maharashtra Pollution Control Board
Udyog Bhavan, KOLHAPUR Hindalco Industries Limited

PO Radhanagari - 416 212, Dist. Kolhapur, Maharashtra, T: +91 02321 202072, 202178, 133,
Kolhapur Office: T: +91 0231 2661458, 2666621, 2021461, 2021462

Registered Office: Ahura Centre, 1st Floor, B-Wing, Mahakali Caves Road, Andheri (East), Mumbai - 400 093, India

T: +91 22 6691 7000 | Fax: +91 22 6691 7001 | E: hindalco@adityabirla.com | W: www.hindalco.com | Corporate ID No.: L27020MH1958PLC011238

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
देशीय कार्यालय (दिल्ली गण्य क्षेत्र)
Regional Office (West Central Zone)
मूल-तक, पूर्व अंग, Ground Floor, East Wing
नया सचिवालय भवन / New Secretariat Building
सिविल लाइन्स / Civil Lines
नागपुर / Nagpur-440 001

26/05/18

**COMPLIANCE STATUS OF
ENVIRONMENTAL CLEARANCE CONDITIONS
Environment Clearance Durgmanwadi Bauxite Mines granted on 5th of
February 2007 vide clearance No J-11015/239/2006-IA-II (M)**

Sr.No.	Conditions	Compliance
Specific Conditions :-		
i)	The mining activity to be restricted to private land only for which the conservation plan has been accepted by the State Government.	The mining activity were restricted to private land only. The Mine is not in operation since 17 March 2018 in view of show cause notice received from MoEF dated 15th March 2018, bearing reference NO.Z-11013/3/2018-IA-II (M)
ii)	Preparation of conservation plan for protection of endangered fauna reported in the study area.	Conservation Plan for protection of endangered species is submitted to MoEF at the time of grant of Environment clearance.
iii)	Top soil to be stacked properly with proper slope with adequate safeguards & backfilled for reclamation & rehabilitation of mined out area.	The top soil stacked initially in dumps is rehandled and used for mine restoration.
iv)	Overburden to be stacked at earmarked dump site(s) only at max height not more than 20 m and slopes not to exceed 28 ^o . The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.	All the overburden dumps are backfilled into the mined out voids. The backfilled areas was being scientifically vegetated through afforestation.
v)	External OB dumps and other wastes to be stacked at earmarked sites only.	There are no external dumps for overburden stacking.
vi)	Catch drains and siltation ponds of appropriate size to be constructed to arrest silt and sediment flows.	The run-off mine was channelised towards settling tanks and silt check dams. All the natural storm water flow was passed through silt check dams.
vii)	Drilling and blasting should not be involved.	Drilling & blasting was totally done away with. For breaking of strata Rippers and Rock Breakers were used.
viii)	Plantation to be raised in an area of 121.50 ha. The density of trees should be around 2000 plants per ha.	The plantation carried out every year as per plan. Till date 3,11,999 plants have been planted within & outside the lease area and at feeder road side. Restored about 143.91 Ha areas. During the year 2017-18, 10800 saplings, 2500 Nigad cuttings, 4400 Karvy and grass

		seeds have been planted to cover 4.84 Ha and Water ponds to cover 0.668 Ha. Area.
ix)	Implement suitable conservation measures to augment ground water resources in the area.	6 Nos. Water harvesting ponds are developed in the mined out areas.
x)	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells.	The ground water quality is monitored on quarterly basis. The mining was carried out to a depth of 7 to 10 Mts from the surface. There was no interference of mining activity with the ground water table.
xi)	Plan rainwater harvesting measures on long-term basis should be planned and implemented.	6 Nos. Water harvesting ponds are developed in the mining area. The entire mined out area is itself acts as a water harvesting pit. However, the above ponds also serve as a water reservoir to cater the water requirement of dust suppression and for plantation.
xii)	a) Vehicular emissions to be kept under Control. b) The vehicles should be covered with a tarpaulin and shall not be over loaded. c) Regular water sprinkling arrangements shall be made to control the fugitive dust generation from the haul roads.	There was a system to check the PUC certificates of hired trucks. Timely maintenance of all heavy equipments was carried out. All transport vehicles were covered with tarpaulin. The vehicles were weighed within the mines. All the vehicles were carrying bauxite as per RLW. Mobile water tankers were used to sprinkle water on haul roads.
xiii)	Install sewage treatment plant for colony. ETP should be provided for workshop and waste generation from mining operation.	There is no colony set up for the mines. There is no processing of mineral carried out at mines.
xiv)	A final Mine closer plan alongwith details of Corpus Fund should be submitted to the MoEF 5 years in advance of final mine closer for approval.	Please be informed that, since 17/03/2018, the mining activities in our Durgmanwadi Bauxite Mines has been stopped as per the directions and show cause notice dated 15th March 2018, bearing reference NO.Z-11013/3/2018-IA-II (M), issued by Ministry of Environment Forest & Climate Change. Final Mine closure plan will be submitted to concerned agency.
B	General Conditions.	

i)	No change in mining technology and scope of working without prior approval	There was no change in the mining technology and in the scope of working.
ii)	No change in calendar plan including excavation, quantum of mineral ore & waste	The production was restricted to the approved quantity.
iii)	Conservation measures for protection of flora & fauna in the core & buffer zone to be drawn	Mined out area are scientifically afforested. For this we procure soil, manure, vermi compost, bagasse and press-mud to improve the condition of plantation base. We had engaged experts to implement afforestation activity. Care has been taken to plant mostly local flora along with some exotic species.
iv)	Establish four ambient air quality monitoring stations in the core zone & buffer zone for RPM, SPM, SO ₂ , NO _x . Monitoring.	4 Nos. of Ambient air quality stations have been established in the core and as well as in buffer area.
v)	Regular submission of data on ambient air quality (RPM, SPM, SO ₂ ,NO _x)	The monitoring is carried out as per the schedule and Data is submitted regularly The Post monsoon and winter season reports are attached.
vi)	Regular control of fugitive dust emissions from all the sources	The dust in crushing operation was suppressed by atomized water sprinklers and during mining and transportation by mobile water tankers.
vii)	Take measures for control of noise levels below 85 dBA in the work environment	All the noise generating machineries were enclosed to suppress the noise. The noise level in the work environment was below 85dBA and all the workers engaged in operations of HEMM were provided with ear-plugs / muffs
viii)	Proper collection, treatment of industrial waste water to conform the standards prescribed under GSR 422 (E) dt.19 th May, 1993	There was no industrial waste water, as there is no processing is carried out.
ix)	Provide adequate training and information on safety & health aspects & provide protective respiratory devices to workers	Regular training to employees on Safety and Health aspects was provided. All the employees engaged in operations were provided with dusk masks & ear-plugs / muffs.
x)	Undertake periodical Occupational health surveillance program of workers	The heath surveillance is done once in a year for all employees and there are no cases of occupational health hazards.
xi)	Set-up separate environmental	A qualified person has been employed at the

	management cell with suitable qualified personnel.	unit level. A full fledged Environment cell operates at the corporate level.																								
xii)	The project authority shall inform to the regional office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development.	The mining operation was commenced on 17 th April 1992. Financial closure not applicable as it was operating mine.																								
xiii)	The funds earmarked for environmental protection measures shall be kept in separate account and should be diverted for other purposes.	<p>The separate funds have been allocated for implementation of environmental protection measures along with item-wise breakup such as furnished below.</p> <table border="1"> <thead> <tr> <th>SO. NO.</th> <th>Shop Order Description</th> <th>Expenditure for the year 2017 -18 (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1610 & 1611</td> <td>Aftercare (watering)</td> <td>3,24,230.0</td> </tr> <tr> <td>1612</td> <td>Environment Monitoring</td> <td>6,53,182.0</td> </tr> <tr> <td>1613</td> <td>Dust suppression</td> <td>8,67,264.0</td> </tr> <tr> <td>1614</td> <td>Statutory Compliance</td> <td>89,108.0</td> </tr> <tr> <td>1615</td> <td>Environment Others</td> <td>7,672.0</td> </tr> <tr> <td>1616</td> <td>ISO – 14001 system</td> <td>29,771.0</td> </tr> <tr> <td>3019</td> <td>Mine restoration & rehabilitation</td> <td>16,30,438.0</td> </tr> </tbody> </table>	SO. NO.	Shop Order Description	Expenditure for the year 2017 -18 (Rs.)	1610 & 1611	Aftercare (watering)	3,24,230.0	1612	Environment Monitoring	6,53,182.0	1613	Dust suppression	8,67,264.0	1614	Statutory Compliance	89,108.0	1615	Environment Others	7,672.0	1616	ISO – 14001 system	29,771.0	3019	Mine restoration & rehabilitation	16,30,438.0
SO. NO.	Shop Order Description	Expenditure for the year 2017 -18 (Rs.)																								
1610 & 1611	Aftercare (watering)	3,24,230.0																								
1612	Environment Monitoring	6,53,182.0																								
1613	Dust suppression	8,67,264.0																								
1614	Statutory Compliance	89,108.0																								
1615	Environment Others	7,672.0																								
1616	ISO – 14001 system	29,771.0																								
3019	Mine restoration & rehabilitation	16,30,438.0																								
xiv)	The project authority shall inform to the regional office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development.	Please be informed that, since 17/03/2018, the mining activities in our Durgmanwadi Bauxite Mines has been stopped as per the directions and show cause notice dated 15th March 2018, bearing reference N0.Z-11013/3/2018-IA-II (M), issued by Ministry of Environment Forest & Climate Change. Final Mine closure plan will be submitted to concerned agency.																								
xv)	The project authorities should extend full cooperation to the officer(s) of the Regional office by furnishing the requisite data/information / monitoring reports.	Noted and being complied with .																								
xvi)	A copy of clearance letter will be marked to concern Panchayat.	A copy of clearance letter is marked to concern Panchayat.																								
xvii)	The project authority should advertise at least in two local news papers within 7 days of the issue of the clearance letter.	The advertisement was published in the local daily news papers “Tarun Bharat” & “Pudari” on 08/02/2007.																								