

MAHAGIRI MINES (CHROMITE)

M/S INDIAN METALS & FERRO ALLOYS LTD.

Conditions of MoEF, Govt. of India, New Delhi vide MoEF letter No. J-11015/345/2007-IA.II(M) dated 10th Dec. 2008 issued with Environmental Clearance with reference to **MAHAGIRI MINES (CHROMITE)** of M/s IMFA Ltd and **the Status of compliance** for the period from October' 2011 to March' 2012.

SI No	A. Specific conditions :	Status
(i)	The environmental clearance is granted for production of 78,000 TPA of chrome ore by opencast method only. For production by underground working, the proponent shall submit their application to the Ministry after approval of the mine plan by the Indian Bureau of Mines.	Production from opencast mine for the financial year 2011-12 was 73,630.670 MT. For production from underground, Mining Plan, duly approved by IBM, was submitted on 21st March, 2011 to Ministry of Environment and Forest.
(ii)	The project proponent shall obtain Consent to Establish from the State Pollution Control Board, Odisha and effectively implement all the conditions stipulated therein.	The mine has already obtained Consent to Establish from State Pollution Control Board, Odisha, vide letter no. 502/Ind-II-NOC-4891, dated 12.01.2009 and has effectively implemented all the conditions stipulated therein.
(iii)	The project proponent shall obtain prior permission of the Chief Wildlife Warden for working within 10km of the Elephant Corridor.	Permission from the Chief Wildlife Warden obtained vide letter number 1314-1WL-C-FC-518/09/10, dated 16/02/2010 and subsequent to the letter/ memo no. 7924 from DFO, Cuttack, Rs.152,00,000/- demanded has also been deposited.
(iv)	The mine working and the underground development work shall be restricted to above water table. For working below the water table, a detailed hydro-geological study shall be carried out and prior permission of the Central Ground Water Authority as well as this Ministry shall be obtained.	At present opencast working and the underground development works are restricted to above water table. For working below the water table, a detailed hydro-geological study has been carried out and No Objection Certificate for withdrawal of 247m ³ /day of ground water has been obtained from CGWA vide letter no. 21 -4(107)/SER/CGWA/2008 – 2061 dated 06.02.2009.

(v)	The environmental clearance is subject to grant of forestry clearance for diversion of 66.38ha forestland in the name of the project proponent.	The mine has already obtained forest clearance vide letter no. F.No.8-116/2002-FC dated 18.05.2005 , for diversion of 63.91 ha forest land for Mining purpose. ICCL stands merged with IMFA by virtue of Hon'ble High Court of Odisha judgment dated 13.10.2006 sanctioned the amalgamation. Hence all the statutory clearances are transferred to IMFA from ICCL.			
(vi)	The project proponent shall ensure that no natural watercourse/ water body shall be obstructed due to any mining operation.	There is no natural water course passing through this area.			
(vii)	The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilised for long. The topsoil should be used for land reclamation and plantation.	Top soil generation in the mine is very less. Till date 2060m ³ of top soil has been generated out of which 2030m ³ has been utilised for plantation along the roads & the dead end of the dump slope. The detail regarding generation and consumption of top soil is given in the table below:			
		YEAR	QUANTITY GENERATED IN CUM.	QUANTITY USED IN CUM.	QUANTITY STORED IN CUM.
		2005-06	NIL	NIL	NIL
		2006-07	400	100	300
		2007-08	750	500	550
		2008-09	565	650	465
		2009-10	345	415	395
		2010-11	NIL	265	130
		2011-12	NIL	100	30
(viii)	The solid waste in the form of over burden, sub-grade ore and nickel ore bearing material shall be stacked separately.	The solid waste in the form of over burden is being stacked separately. Till date no nickel bearing zone & sub grade ore has been encountered during mining operation. However test was carried out to determine the presence of Nickel in			

		the Chromite ore as well as OB material. It was found that the content of Nickel is in traces, less than 0.25% which is much below than the commercially viable threshold limit of (+) 0.5%.
(ix)	<p>The over burden generated shall be stacked at earmarked dump site only and it should not be kept active for a long period of time and its phase-wise stabilization shall be carried out. The total height of the dump shall not exceed 30m. Proper terracing of OB dump should be carried out so that the overall slope shall not exceed 28 degree. The OB dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhubaneswar on six monthly basis.</p>	<p>Overburden has been stacked at earmarked site of non-forest land. Present height of over burden dump is 20m & its phase-wise stabilization is being carried out.</p> <p>At present, dumping over the first-slice of the OB dump is being carried out. The OB dump has been vegetated with suitable native species (Neem, Chakunda, Sirish etc.), grass & hilly creepers to prevent erosion and surface run off. If needed Geo-textile mat will also be used.</p> <p>Rehabilitated areas are being continuously monitored & managed .</p> <p>Compliance status is being submitted to the Ministry of Environment & Forest and its regional office located at Bhubaneswar on six monthly basis.</p>
(x)	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the Damsal Nallah and other water bodies. The water so collected should be utilised for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.</p> <p>Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and the over burden dump to prevent run off of water and flow of sediments directly into the Damsal Nallah and other water bodies and sump capacity should be designed</p>	<p>Catch drains and siltation ponds of appropriate size have been constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the other water bodies. The drains are de-silted before the onset of Monsoon.</p> <p>Garland drains, settling tanks and check dams of appropriate size, gradient and length have been constructed both around the mine pit and the over burden dump to prevent run off of water and flow of sediments directly into the Damsal Nallah and other water bodies.</p> <p>The sump capacity has been designed keeping 50% safety margin over and above peak sudden rainfall. Sump capacity is having adequate retention period to allow proper settling of silt material. Sedimentation pits have been constructed at certain interval within the garland drains and de-silted at regular intervals.</p>

	<p>keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.</p> <p>Storm water return system should be provided. Storm water should not be allowed to go to the effluent treatment plant during high rainfall/ super cyclone period. A separate storm water sump for this purpose should be created.</p>	<p>Mine discharge and storm water quality analysis indicates that hexavalent chromium is below detectable limit. ETP-3 of neighbouring Sukinda Mines also caters (if required) for the water collected from the catchment area of Mahagiri Mines including seepage (during monsoon) from dumps.</p>
(xi)	<p>Dimension of the retaining wall at the toe of the over burden dump and the OB benches within the mine to check run-off and siltation shall be based on the rainfall data.</p>	<p>Retaining wall of 1.2m height and 0.3m width has been constructed at the toe of the over burden dump to check run-off & siltation.</p>
(xii)	<p>Mine water discharge and/or any waste water shall be properly treated to meet the prescribed standards before reuse/discharge. The run off from OB dump and other surface run off should be analysed for Cr⁺⁶ and in case its concentration is found higher than the permissible limit, the waste water should be treated before discharge/ reuse.</p>	<p>There is no discharge of water from mine pit as the same is above the ground level. Surface run-off is being analysed for Cr⁺⁶ & is found within the permissible limit.</p>
(xiii)	<p>Effluents containing Cr⁺⁶ shall be treated to meet the prescribed standards before reuse/ discharge. Effluent Treatment Plant shall be provided for treatment of mine water discharge and waste water generated from the workshop and mineral separation plant.</p>	<p>At present there is no discharge of Mine water as the mine is working above the ground level. However ETP-3 has been constructed in the adjoining ML area of same lessee (Sukinda Mines) for treatment of the water collected from the catchment area in Band-II region and Mahagiri Mines (Chromite). The waste water generated from the workshop is treated in the Oil and Greese trap located near workshop, if required.</p>
(xiv)	<p>Separate impervious concrete pits for disposal of sludge shall be provided for the safe disposal of sludge generated from the mining operations.</p>	<p>Since the mine is operating along the hill slope & above the water table, there is no generation of sludge from the Mining operations.</p>

(xv)	Regular monitoring of water quality upstream and downstream of Damsal nallah shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, the Central Groundwater Authority, the Regional Director, Central Ground Water Board, the State Pollution Control Board and the Central Pollution Control Board.	Regular monitoring of water quality upstream and downstream of Damsal nallah is being carried out and record of monitored data is being maintained and is regularly being submitted to the concerned authorities.																																		
(xvi)	The project proponent shall ensure that the quality of decanted effluents from the tailing pond, if any, conform to the prescribed standards before discharge. The decanted water from the tailing pond shall be recirculated within the mine and there shall be zero discharge from the mine.	There is no tailing pond inside the lease area.																																		
(xvii)	The project proponent shall explore the possibility to reduce concentration of Cr ⁺⁶ in the tailing pond, if any, in consultation with an expert scientific institution.	There is no tailing pond inside the lease area.																																		
(xviii)	Plantation shall be raised in an area of 17.98 ha including a 7.5m wide green belt in the safety zone around the mining lease by planting the native species around ML area, over burden dump, roads etc. In consultation with the local DFO/ Agriculture Department. The tree density should be two thousands trees per hectare. At least 1500 trees per year shall be planted.	<p>We have already planted 14403 native saplings in 6.19 ha of area (including safety zone) in consultation with the local Forest Dept. it has been planned to carry out plantation every year along the road sides, dump slope etc. The details of year wise plantation (till date) is given below :</p> <p>PLANTATION DETAILS</p> <table border="1" data-bbox="1026 987 1969 1385"> <thead> <tr> <th>YEAR</th> <th>NO</th> <th>AREA (in Ha)</th> <th>LOCATION</th> <th>SURVIVAL RATE (in %)</th> </tr> </thead> <tbody> <tr> <td>2005-06</td> <td>Nil</td> <td>Nil</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>2006-07</td> <td>1091</td> <td>0.41</td> <td>Green belt & Other area</td> <td>88</td> </tr> <tr> <td>2007-08</td> <td>2847</td> <td>1.19</td> <td>Avenue, Safety zone & Green belt</td> <td>88</td> </tr> <tr> <td>2008-09</td> <td>3003</td> <td>1.49</td> <td>Avenue, Green belt & Safety zone, Dump slope</td> <td>86</td> </tr> <tr> <td>2009-10</td> <td>2747</td> <td>1.30</td> <td>Avenue, Green belt & Dump slope</td> <td>90</td> </tr> </tbody> </table>					YEAR	NO	AREA (in Ha)	LOCATION	SURVIVAL RATE (in %)	2005-06	Nil	Nil	NA	NA	2006-07	1091	0.41	Green belt & Other area	88	2007-08	2847	1.19	Avenue, Safety zone & Green belt	88	2008-09	3003	1.49	Avenue, Green belt & Safety zone, Dump slope	86	2009-10	2747	1.30	Avenue, Green belt & Dump slope	90
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		2010-11	2590	1.0	Safety zone, Green belt & Dump slope	98
		2011-12	2125	0.8	Dump slope & Other area	85
		Total :	14403	6.19	--	90
(xix)	Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Regular water sprinkling is carried out on haul roads, loading & unloading points. Dry Fog System has been provided at the transfer points of crusher and screening plants to avoid generation of dust during mineral handling. Ambient Air Quality is being monitored and the parameters are within the permissible limits.				
(xx)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Rain water harvesting structures are provided at our Colony premises and at our administrative office building for suitable conservation measures to augment ground water resources.				
(xxi)	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers in and around the mine lease. The monitoring should 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 the Ministry of Environment and Forests, its Regional Office located at Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	Ground water level and quality is being monitored four times a year – pre-monsoon, monsoon, Post-monsoon and winter. The data thus collected are being sent regularly to all the concerned authorities. Presently 2 Bore wells i.e. BW1- Inside the lease of adjoining Mines – MMC (upstream) and BW2 – Inside the lease of mine of SMC (down stream) are being monitored for ground water level inside the core zones and the data thus collected are being sent regularly to the Ministry of Environment and Forests, its Regional Office located at Bhubaneswar, Central Ground Water Authority and Regional Director, Central Ground Water Board.				
(xxii)	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) required for the project.	Necessary permission for withdrawal of 247m ³ /day of ground water in respect of Mahagiri Mines (Chromite) has been obtained from Central Ground Water Authority vide letter no.21-4(107)/SER/CGWA/2008-2061 dated 06.02.2009.				

(xxiii)	Suitable rain water harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	Rain water harvesting structures have been provided.
(xxiv)	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.	Regular monitoring of the vehicular emission is being done and "Pollution Under Control" certificates are being obtained from the authorised agencies. Transportation vehicles are not overloaded & are covered with tarpaulin.
(xxv)	Blasting operation shall be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Frequency of blasting operation is very less. It is being carried out only during day time. Controlled blasting is being practiced to reduce ground vibrations and to arrest fly rocks and boulders.
(xxvi)	Drills shall either be operated with dust extractors or equipped with water injection system.	Drills equipped with water injection system are being operated.
(xxvii)	Consent to operate shall be obtained from the State Pollution Control Board before starting enhanced production from the mine.	We have obtained consent to operate from SPCB vide letter no 6202/IND-I-CON-5331 dated 31.03.2012, valid up to 31.03.2013
(xxviii)	Sewage treatment plant should be installed for the colony. ETP should also be provided for the workshop and waste water generated from the mining operations.	Domestic effluents generated in the colony are being discharged to soak pit via septic tank. There is a common workshop in the Sukinda Mine of IMFA.
(xxix)	Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	Dry Fog System (DFS) has been installed at the mineral handling area & is being properly operated & maintained.

(xxx)	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Pre-placement (Initial) medical examination and periodical medical examination (IME and PME) of the workers engaged in the project are being carried out regularly and records are being maintained.
(xxxii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Temporary structure of GI sheets with brick wall have been provided with Kitchen, toilet & bedroom for construction workers in the mine. Safe drinking has been provided. Since there is no lady worker in the mines, no creche has been provided.
(xxxiii)	The proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna such as sloth bear, mouse deer, python etc. 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. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar.	There is no endangered fauna found within the Core Zone of the project. As per memo/ letter no 2758 dated 21.05.2010 from DFO Cuttack, we have deposited Rs.14,75,540/- as demanded towards the cost of Wildlife Management Plan and copy of the same has already been submitted to MoEF & its Regional Office.
(xxxiiii)	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the MoEF 5 years in advance of final mine closure for approval.	Noted
B	General Condition	Status
(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	No change in technology and scope of working has yet been made.

(ii)	No change in the calendar plan including excavation, quantum of mineral chromite ore and waste should be made.	No change in the calendar plan including excavation, quantum of mineral chromite ore and waste has been made.				
		Excavation	Proposal As per Approved Mining Scheme for Year 2011-12	Actual in 1 st Half year (April-11 to Sept.-11)	Actual in 2 nd Half year (Oct.11 to March-12)	Actual Total in the Year.2011-12
		Ore	76,377 MT	26,402MT	47,228.670 MT	73,630.670MT
		Overburden / Waste	70,750 CuM	Nil	63,928 CuM	63,928CuM
(iii)	At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO ₂ & No _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Air monitoring stations have been established in consultation with SPCB & monitoring of Air Quality in core zone as well as buffer zone is being carried out regularly through our consultant, M/s. ERSI.				
(iv)	Data on ambient air quality (RSPM, SPM, SO ₂ & No _x) should be regularly submitted to the Ministry including its Regional Office located at Bhubaneswar and the State Pollution Control Board/ Central Pollution Control Board once in six months.	Data on ambient air quality is being submitted to the authorities once in every six months.				
(v)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Regular & adequate water sprinkling on haul roads, loading & unloading points, by two nos. of 08 kl water sprinklers is being carried out to minimise the fugitive dust emissions. The fugitive dust emission for the two seasons (Post-Monsoon&Winter) is given in the table below:				

		Period	Sl.No.	Parameters	Unit	Result				Permissible Limit
						F1	F2	F3	F4	
		Post Monsoon	1	PM10	ug/m3	85.2	91.7	85.4	80.1	100
			2	PM2.5	ug/m3	41.2	52.4	31.6	35.3	60.0
			3	SO2	ug/m3	3.6	4.6	4.5	4.1	80.0
			4	NOx	ug/m3	9.4	6.9	5.4	5.9	80.0
			5	CO(8 hr)	ug/m3	11.2	14.2	8.0	7.0	2000.0
		Winter	1	PM10	ug/m3	80.4	90.1	79.2	85.3	100
			2	PM2.5	ug/m3	48.2	46.3	28.3	37.2	60.0
			3	SO2	ug/m3	4.1	5.1	3.1	3.1	80.0
			4	NOx	ug/m3	10.8	15.2	12.3	13.2	80.0
			5	CO(8 hr)	ug/m3	14.0	18.0	10.0	9.0	2000.0
(vi)	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with ear plugs/ muffs.	Adequate measures like regular maintenance of the HEMM, acoustic enclosures with the DG sets etc have been implemented to control the noise levels. All the excavator operators, drillers & blasters have been provided with ear muffs.								
(vii)	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 May, 1993 and 31 December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	Oil & grease trap has been provided and well maintained in the common workshop to treat the wash off of the vehicles. The hazardous solid waste so generated is being sent to an agency authorised by SPCB to treat it to render it safe for disposal.								

(viii)	<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.</p> <p>Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.</p>	<p>Persons working in dusty areas have been provided with nose respirators & dust masks. Training on safety & health aspects is imparted to employees at regular interval.</p> <p>Initial & Periodical medical examinations (including Contractor workers) are conducted as per the recommendations of 10th Safety Conference of Mines.</p>																															
(ix)	<p>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 Organisation.</p>	<p>An environmental monitoring cell has been established. Besides that we have engaged M/s ERSI, Bhubaneswar, a recognised environmental Laboratory, for environment monitoring.</p>																															
(x)	<p>The project authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.</p>	<p>Noted.</p>																															
(xi)	<p>The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.</p>	<p>Funds earmarked for environmental protection are exclusively spent for the purpose only. Year wise expenditure is reported to the Ministry.</p> <table border="1" data-bbox="1024 850 1980 1357"> <thead> <tr> <th colspan="4" data-bbox="1024 850 1980 922">Expenses for the Year 2011-12</th> </tr> <tr> <th data-bbox="1024 922 1503 1084">Head</th> <th data-bbox="1503 922 1675 1084">Expenses for the first half of the Year (April-11 to Sep-11)</th> <th data-bbox="1675 922 1877 1084">Expenses for the second half of the Year (October-11 to Mar-12)</th> <th data-bbox="1877 922 1980 1084">Total</th> </tr> </thead> <tbody> <tr> <td data-bbox="1024 1084 1503 1127">For pollution control</td> <td data-bbox="1503 1084 1675 1127">3.66</td> <td data-bbox="1675 1084 1877 1127">0.87</td> <td data-bbox="1877 1084 1980 1127">4.53</td> </tr> <tr> <td data-bbox="1024 1127 1503 1169">For Environmental Monitoring</td> <td data-bbox="1503 1127 1675 1169">1.08</td> <td data-bbox="1675 1127 1877 1169">7.88</td> <td data-bbox="1877 1127 1980 1169">8.96</td> </tr> <tr> <td data-bbox="1024 1169 1503 1211">For green belt development</td> <td data-bbox="1503 1169 1675 1211">3.11</td> <td data-bbox="1675 1169 1877 1211">2.47</td> <td data-bbox="1877 1169 1980 1211">5.58</td> </tr> <tr> <td data-bbox="1024 1211 1503 1289">For occupational health & Environment awareness</td> <td data-bbox="1503 1211 1675 1289">0.57</td> <td data-bbox="1675 1211 1877 1289">0.55</td> <td data-bbox="1877 1211 1980 1289">1.12</td> </tr> <tr> <td data-bbox="1024 1289 1503 1357">Total</td> <td data-bbox="1503 1289 1675 1357">8.42</td> <td data-bbox="1675 1289 1877 1357">11.77</td> <td data-bbox="1877 1289 1980 1357">20.19</td> </tr> </tbody> </table>				Expenses for the Year 2011-12				Head	Expenses for the first half of the Year (April-11 to Sep-11)	Expenses for the second half of the Year (October-11 to Mar-12)	Total	For pollution control	3.66	0.87	4.53	For Environmental Monitoring	1.08	7.88	8.96	For green belt development	3.11	2.47	5.58	For occupational health & Environment awareness	0.57	0.55	1.12	Total	8.42	11.77	20.19
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(xii)	The Regional Office of this Ministry located at Bhubaneswar 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.	The requisite data/information/monitoring reports are being submitted to the regional office at Bhubaneswar regularly.
(xiii)	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Pollution Control Board and State Pollution Control Board.	Reports are submitted regularly to the concerned authorities.
(xiv)	A copy of clearance letter will be marked to concerned Panchayat/ local NGO, if any, from whom suggestion/ representation, if any, was received while processing the proposal.	Copy of the clearance letter had been marked to the local Sarapanch (elected head of the Panchayat) .
(xv)	State Pollution Control Board should display a copy of the clearance letter at the regional office, District Industry Centre and Collector's office/ Tahasildar's office for 30 days.	Complied
(xvi)	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 and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhubaneswar	Complied.

Mines Manager
Mahagiri Mines (Chromite)