COMPLIANCE STATUS OF CONDITIONS IMPOSED IN ENVIRONMENTAL CLEARANCE FOR 8.5 MTPA BAUXITE MINING VIDE LETTER NO J-11015/650/2007-IA.II (M), DTD.19.02.09. PROJECT NAME: UTKAL ALUMINA INTERNATIOAL LIMITED.

Period: From 1st April, 2015 to 30th September, 2015.

Sl.	Imposed Condition	Compliance Status
No.	Specific Condition	
i	All the conditions stipulated by the State Pollution Control Board, Orissa in their consent to establish shall be effectively implemented.	All the conditions stipulated in NOC have be effectively implemented.
ii	The project proponent shall effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project while implementing the project.	All the concerns raised in the public hearing a being implemented such as:- a) Health care by appointing docto paramedical staff with Medical Hea Unit b) Supply of drinking water by repairing an constructing tube wells, Promoti education by constructing new school building and renovation of old school building. c) Improving the livelihood by employi local people directly/ indirectly. d) Improvement in infrastructures li Development & repair of village road irrigation channels, bridges/culver
iii	The project proponent shall develop fodder plots in the non-mineralized area in lieu of use of grazing land.	avenue plantations etc. The entire plateau of the ML area consisting Mineralized (M) & Non-Mineralized (NM) a capped with hard Khondalite which normal prevents the tree growth. So the NM area will be suitably dealt by removing hard surface to develop as grazing lands likely the mine closure stage.
iv	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment and Forests and the Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.	Our Mining operation is restricted above to ground water table. Now the lowest working depend of our existing mine pit is around 1003.3 m R whereas the presence of ground water table has been estimated to be around 100-150 m R. Therefore, there is no probability of any G. Intersection or exploitation of GW thereby.
V	The project proponent shall ensure that no natural watercourse and/or water resources are obstructed due to any mining operations. Adequate measures shall be taken while diverting seasonal channels emanating from the mine lease, during the course of mining operation.	No natural watercourse or water resources a obstructed due to our mining operation. Necessary care is being taken during monsoon divert /channelize run off rain water so that it do not carry any sediment to obstruct / affect t water bodies at the foot hill.

rolling down of silt and sediments and protection of the catchment area of upper Indrāvati Reservoir during the course of mining operation. It is catchment area of upper Indrāvati Reservoir during the course of mining operation. It is catchment area of upper Indrāvati Reservoir during the course of running of the mines. It is catchment area of upper Indrāvati. It is protective structures are made up of hard Khondallite/laterite & cement punned over its surface & walls. It is can be the protective structures. The garland drains & Check dams of a dimensions are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are dimensions are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are dimensions are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are dimensions are adequate to catch the run-off hold the siltation within the stipulated norms surface water run-off discharge. The test report the outlet of the check dams are deduct the nun-off discharge. The test report the outlet of the check dams are dequate to catch the run-off discharge. The test report the outlet of the check dams are accontrolled by these structures. To project are ashould be taken up by the project are ashould be river as should a carmarked site(s) only and it should not be kept for land read		Г	T
viii downstream of the river passing through the project area should be taken up by the project authorities for plantation to arrest river bank erosion and sediment flow into the river. The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the initial years of the mining operation shall be temporarily stacked at the earmarked dump site(s) only for backfilling. Backfilling shall start from the 4 th year onwards of the mining operation and the entire quantity of the waste to be generated shall be backfilled. There shall be no external over burden dumps after the 8 th year of the mining operation. The entire backfilled area shall be afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes selfsustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its	Vİ	rolling down of silt and sediments and protection of the catchment area of upper Indrāvati Reservoir during the course of mining operation.	 Details of Check Dams and garland drain Refer Annexure-I All the protective structures are made up of hard Khondallite/laterite & cement punned over its surface & walls. Encompassed drainage area controlled by these structures. The garland drains & Check dams of abodimensions are adequate to catch the run-offs hold the siltation within the stipulated norms surface water run-off discharge. The test reports the outlet of the check dams are being carried & the TSS levels are always within 100 mg After this the water confluence with the near seasonal nallah & ultimately to River Indravafter moving a distance of 7 to 8 Kms & will ha hardly any bearing on the water quality Indravati.
The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the initial years of the mining operation shall be temporarily stacked at the earmarked dump site(s) only for backfilling. Backfilling shall start from the 4th year onwards of the mining operation and the entire quantity of the waste to be generated shall be backfilled. There shall be no external over burden dumps after the 8th year of the mining operation. The entire backfilled area shall be afforested. 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	vii	downstream of the river passing through the project area should be taken up by the project authorities for plantation to arrest river bank	To arrest bank erosion and sediment flow into the nallah/river, plantation is being carried out sin 2005 over the hill slopes and will be continued the future also. In the year 2015-16 we haplanted around 62,500 nos. of saplings in an arrof 25 Ha.
initial years of the mining operation shall be temporarily stacked at the earmarked dump site(s) only for backfilling. Backfilling shall start from the 4 th year onwards of the mining operation and the entire quantity of the waste to be generated shall be backfilled. There shall be no external over burden dumps after the 8 th year of the mining operation. The entire backfilled area shall be afforested. 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	viii	earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for	Top soil generation in the mine is very less. To date around 68315 Mt of top soil has be generated, out of which 1500 Mt (approx.) It been utilized for plantation. Remaining top soil being stored at earmarked site which will utilized for afforestation at the mined out during mine reclamation period.
monthly basis. Regional Office located at Bhubaneswar on six Bhubaneswar on six monthly basis.	ix	initial years of the mining operation shall be temporarily stacked at the earmarked dump site(s) only for backfilling. Backfilling shall start from the 4 th year onwards of the mining operation and the entire quantity of the waste to be generated shall be backfilled. There shall be no external over burden dumps after the 8 th year of the mining operation. The entire backfilled area shall be afforested. 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	 As per Mining scheme, during the ye 2016-17, provision is there to fill to Overburden as the backfilling material the voids of the mined out area follow by plantation. Monitoring and management rehabilitated areas will be continued unthe vegetation become self-sustaining a its compliance status will be submitted the Ministry of Environment & Forests a its Regional Office located

х	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and temporary OB dumps to prevent run off of water and flow of sediments directly into the Kandabindha Nallah, the San River, the Indravati River and other water bodies. The water so collected shall be utilized	Garland drains, settling tanks and check dams appropriate size, gradient and length has be constructed both around the mine pit and the ov burden dump to prevent run off of water and flo of sediments directly into the Natural Nallah a other water bodies.
	for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after the monsoon, and maintained properly.	The sump capacity has been designed keepi 50% safety margin over and above peak sudd rainfall. Sump capacity is having adequate retention period to allow proper settling of sematerial. The drains had been de-silted before the second
	Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the mine pit, topsoil dump,	onset of monsoon & have been maintain properly.
	temporary over burden dumps and mineral dumps to prevent run off of water and flow of sediments directly into the Kandabindha Nallah, the San River, the Indravati River and other water bodies and sump capacity shall be designed 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 shall also	Further, the rain water collected in the mine p during monsoon is not pumped out. Rather, it allowed to be collected in the lowest level augment the ground water resources gradually.
	provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.	
хi	Dimension of the retaining wall at the toe of temporary OB dump(s) and the over burden benches within the mine to check run-off and siltation shall be based on the rain fall data	Retaining walls of dimension 1meter (height) 0.8 meter (width) and running meterage of 12 meter have been provided at the toe of ov burden dumps and the overburden benches check run-off & siltation. This is being effective meet the purpose even during peak rain fall. All the retaining walls are made up of ha Khondalite/laterite & cement punned over surface & walls.
xii	Plantation shall be raised in an area of 680ha including a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around void, roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.	 Native species like Acacia, Chakund Mango, KrushnaChuda, silver oa Radhachuda karanja etc. are being plant at the rate of 2500 plants/Hectare for t development of green belt. In the ye 2015-16 we have planted around 62,5 no's of saplings in an area of around hectares. Plantation activities will continued in coming years also. However, we are planning for rising around 1, 00,000 no's of saplings at o mine pursery in order to utilize the sar

mine nursery in order to utilize the san

xiii con ben terr slop mad peo sha Reg crit high crus unle xiv wat road	ne void left unfilled in an area of 250ha shall be nverted into the water body. The higher inches of the excavated void/mine pit shall be traced and plantation done to stabilize the opes. The slopes of higher benches shall be ade gentler for easy accessibility by the local ople to use the water body. Peripheral fencing all be carried out all along the excavated area.	The void to be left unfilled after exhaust of ore an area of 250ha, which will be converted in water body. The higher benches of the excavat void pit will be terraced / planted with Trees consultation with the local DFO/Agricultu Department to stabilize the slopes. Provision who be made for easy accessibility by the local peop to use the water body. Peripheral fencing shall be carried out all alothe excavated area in due course incase required Regular water sprinkling is done on haul road loading & unloading areas and material transports.
crit high crus unle xiv wat roae	itical areas prone to air pollution and having gh levels of SPM and RSPM such as around	loading & unloading areas and material trans
pres	alloading point and all transfer points. Extensive atter sprinkling shall be carried out on haulads. It shall be ensured that the Ambient Air ality parameters conform to the norms escribed by the Central Pollution Control pard in this regard.	points by deploying four dedicated water tanks of capacity 12 KL. In addition to this for effecti dust suppression we are using dust suppressants the sprinkling water i.e. Dust bloc chemical. Dust bloc is a stable emulsion of bitumen in war that is sprayed on the haul roads and stock pile. As the water is absorbed into the road, the mic spheres of bitumen contained within Dust bloc a released to bind together the fine materials in t road surface. This reduces dust emission and wa is no longer required to act as the binding agent. Regular ambient air quality monitoring is bei done in four locations i.e. Mining Pit, Ne Crusher, Near Weigh Bridge and Near Office. T result of the monitored air quality data show that all parameters are well within the prescrib limit and varies as mentioned below: Sulphur-dioxide leve 4.00 - 5.19 μg/m3. Nitrogen-dioxide leve 10.06 - 13.21 μg/m3. Particulate Matter < micron (PM10): 38.25 - 69.44 μg/m3. Particulate Matter < 2 micron: (PM 2.5) 22.00 - 39.08 μg/m3. The result of monitored data for the period April-15 to September-15 is enclosed ANNEXURE- II. The flow rate of the small perennial nallah, whi

xv	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintained.	is flowing near the Baphlimali hill lock close the lease boundary, is being monitored regular and the records are maintained. The average damonitored during April-15 to September-15 amentioned below:- 1. Paikupakhala Nala: - 2725.86 m³/hr. 2. Near Dandabad Nala: - 4217.57 m³/hr. 3. Chandragiri Nala: - 3170.86 m³/hr. 4. Mishripada: - 1787.43 m³/hr.
xvi	Regular monitoring of water quality upstream and downstream of the Khandabindha Nallah shall be carried out and record of monitored 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.	The same is being carried out and recorded. T results of surface water quality are enclosed Annexure-III. The same is also being submitt to the Central Groundwater Authority, t Regional Director, Central Ground Water Board the State Pollution Control Board and the Central Pollution Control Board.
xvii	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	 i. Rainwater harvesting is being carried of by collecting the precipitated was through a network of drainage system in the exhaust mining pit for storage a ground recharge. ii. Movement of mine faces is being carried out systematically as per mine ple following the contour lines such that the faces have self-draining slope. Precipitated water of the adjacent area being collected within the mined out area. iii. Earthen dams have been constructed arrest rain water resulting ground was recharge. Also the Surface water flow not the pit has been diverted towards the and this accumulation influences recharge ground water table. iv. Arrangement has been made that the mining method and the peripheral barrial around mining area does not allow the storm water to go outside valley areas. The water thus trapped, percolates down a recharges the ground water.

xviii	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year, pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the ground water is depleted due to mining activity, necessary corrective measures shall be carried out.	Monitoring of ground water level and quality being carried out regularly in each season and data is being submitted to Regional Offi MoEF and SPCB, Bhubaneswar once in every month. ❖ The fluctuation of ground was level varies from 2.9 to 4.1 meter (approduring the period April-2015 − Septemb 2015. The monitored data of water quality shows that the parameters are well within the prescribenorms. The monitoring results of Ground water quality level are enclosed as Annexure − IV
xix	Appropriate mitigative measures shall be taken to prevent pollution of the San River and the Indravati River in consultation with the State Pollution Control Board.	The following measures are being implement and will be implemented in course of time also. 1. Deep garland drains are under constructing to check erratic flow of precipitated water. 2. Check dams are constructed around the slopes of valley to arrest silts a sediments if any. 3. Retaining wall of height 1.5 meter has been constructed at the edge of the valley. 4. The naked areas of the valley slopes has been covered by mass afforestation and the same will be continued till full cover.
		San River & Indrāvati are flowing at a distallocation 12 Kms & 9 Kms respectively. The about protection measures written Sl No. 1 to 4 sh never create any untoward situation to affect the water quality of the above two rivers due to contribution.
xx	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water, if any) required for the project.	There is no proposal to with draw ground wa for the project and surface water is being used mining purpose. To this effect, an agreement water Resource Dept. Govt. of Odisha for draw of 9.0 cusec or 7776000 cft/day of water from Govt. water source/ from San River upstream Indravati River. A copy the same agreement being submitted vide letter no UAIL/ENV/20115/04 dated 7-05-2014.

		As a step towards rain water harvesting, t following measures have been implemented - Rainwater harvesting is being carried of by collecting the precipitated way through a network of drainage system in the exhaust mining pit for storage, it is a
		the exhaust mining pit for storage, it is rused for the mining purpose. Rather, it allowed to be collected in the lowest leve to augment the ground water resource gradually.
xxi	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	Movement of mine faces is being carri out systematically as per mine pl following the contour lines such that t faces have self-draining slope Precipitated water of the adjacent area being collected within the mined out area
		❖ In addition to this one number of Earth dam have been constructed to arrest ra water resulting ground water recharg Also the Surface water flow near the has been diverted towards the pit and the accumulation influences to rechar ground water table.
		Provision is there to construct two monoconcreted weir across the upstream a downstream of the natural nallah augment the ground water recharge.
xxii	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 within the mine lease. The mineral transportation within the mine lease shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Pollution testing certificate of all machinery being verified regularly to check vehicularity emission. Further emission level is kept und control by rigorous maintenance of all engines a changing of lubricants as per the recommendati of the manufacturer. All the transporting vehicle are being covered with tarpaulin and over loading are strictly avoided.
xxiii	No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Blasting is being carried out only during daytin Controlled blasting is being practiced to reduground vibrations and to arrest fly rocks a boulders.
xxiv	Drills shall either be operated with dust extractors or equipped with water injection system.	Drilling machine with in-built vacuum cyclo dust collector & equipped with water sprayi system is being used.
	Mineral handling area shall be provided with	Water sprinkling is being carried by water tanke

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xxv	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.	Metal hoods are provided at transfer points Crushing and Conveying System apart from provision of Covers all along the Convey System (18.2 km long) to restrict the dispersion dust. In the Fixed crusher house, an efficient of fog system is installed for suppression of dust ROM hopper and Transfer points.
xxvi	Consent to operate shall be obtained from the State Pollution Control Board, Orissa prior to start of production from the mine.	Consent to Operate has been obtained from the State Pollution Control Board, Odisha vide let No. 10769/IND-I-CON- 5450 dated 28.05.2012 renewed up to 31.03.2016 vide letter no. 37 dated 10.03.2015.
xxvii	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	No residential colony is proposed within ML and and it is proposed at a distance of 25 KM fromines, where the sewage treatment plant will installed. Provision of ETP is not envisaged as scope of generation of mine drainage water a deployment of mine machinery on contract basis
xxviii	The project authorities shall undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed mine.	Already complied.
xxix	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 medical examination and periodic medical examination of the workers engaged the project are carried out regularly. Annu Schedule of PME is being made for all eligible employees as per DGMS requirement an necessary PME is carried out. The details occupational health surveillance of the employer and workers conducted during 2012-13 is alread being submitted to your good office vide letter to UAIL/ENV/2012-13/78 dated 14.02.14.
xxx	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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Work shed have been provided to the workers the mine site having all facilities such as fuel tooking, permanent toilets followed with safe tanks & soak pits safe drinking water, medic health care. Since the mining operation halready been commenced, the regular employed executives are coming from the integrated to ship adjacent to the alumina refinery. Hence the separate facilities are not required at the sexcept the toilets at the administrative block Provision has already been made to treat domest waste water and reuse. For domestic efflue suitable septic tanks & soak pits are provided at the reclaimed water is being utilized for plantation and dust suppression measures.
	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered	The Action Plan for conservation of wildlife has been approved by PCCF (WL) & Chief wildle Warden, Odisha vide letter No. 8183

xxxi	fauna namely; python, panther, sloth bear, wild dog 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. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar.	WL(C)SSP- 398/2013 dated 11.10.2013 w financial forecast of Rs. 1,23,57,852/- and amount of Rs.17,17,57,852/- has been deposited CAMPA FUND for implementation of the san Further, as per the demand of Forest Environment Department, Govt. of Odisha vi letter No. 6096 dated. 28.03.14, an amount of F41, 24,044/- has been deposited in CAMPA FUN for implementation of Regional Wildl Management Plan.
xxxii	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhubaneswar.	Digital processing of the entire lease area using the remote sensing technique has been carried of by Orissa Remote Space Application Cent (ORSAC), Bhubaneswar has been engaged assess the changes in land use pattern and report awaited. The same will be submitted immediately after receipt.
xxxiii	A final mine closure plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final closure for approval.	The same will be submitted to the Ministry Environment & Forests 5 years in advance of fir closure for approval.
В.	General conditions	
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 mining technology and scope working will be made without prior approval the Ministry of Environment & Forests.
ii	No change in the calendar plan including excavation, quantum of mineral bauxite and waste should be made.	There shall be no change in the calendar pl
iii	At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, SO2 & NOx 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.	Four ambient monitoring stations have be established in consultation with the State Polluti Control Board, Odisha. Monitoring reports a attached in ANNEXURE –II.
iv	Data on ambient air quality (RSPM, SPM, SO2 & NOx) should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.	The monitored AAQ data is being submitted to t concerned authorities along with the half year compliance report once in six month.
		Water spraying on haul roads is being practic

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.	through water tankers at an interval of two hou for which, provision is made to deploy 4 nos. 12 KL capacity tankers to spray water at digenerating points such as haul roads, loading unloading areas and material transfer points. Thaulage roads are being maintained to avoid and pot holes. In addition to this we are using dust suppressanchemical (Dust bloc) to control fugitive diemission. (Dust bloc is a stable emulsion of bitumen water which binds the micro dust particles.)
vi	Measures should be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	 The following measures are taken to control not levels below 85 dB (A) in the work environment Maintenance of all machines including checking of silencers regularly, Controlled blasting using delay detonator installing immovable machinery on foundations and in closed rooms, provision of earplugs/muffs to workers engaged in noise prone areas. Regular vehicular checkup for pollution control certificates
	Industrial waste water (workshop and waste water from the mine) should be properly collected,	The HEMM operators are provided with AC clocabinets which itself is acoustic in nature. At present there is no Workshop effluents as most of the machineries are repaired and maintain
vii	treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	outside the M.L. area. However, oil & grease tr facility is in place with provision to reuse t treated water for vehicle washing and t recovered oil will be supplied to the authoriz processor only.
viii	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. Occupational health surveillance program of the workers should be undertaken periodically to	In addition to water spraying to suppress du generation, workers engaged in dusty areas a provided with nose masks as a precautiona measure. Training & information on safety, hea hazard is given to all categories of deserv workers.
	observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of categories of workers and employees is conduct periodically and corrective measure will be take if any contraction observed.
ix	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate environmental management cell was uitable qualified personnel has been set up und the control of the Agent of Mines, who reports the Head of the Organization directly.
	The funds earmarked for environmental protection measures should be kept in separate account and	Separate fund provision has been earmarked to environmental protection measures and it is re-

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х	should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Bhubaneswar.	diverted for any other purpose. The expenditure incurred during the year 2014-15 is already be submitted vide letter no UAIL/ENV/2015-16/dated 26.05.2015. The expenses for the finance year 2015-16 will be submitted in the not compliance report i.e.(October-2015 to Marc 2016)
xi	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.	Complied.
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.	Full cooperation to the officer (s) of the Region Office is being extended by furnishing to requisite data / information / monitoring reports priority basis whenever sought for.
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. The proponent shall upload the status of compliance on their website and shall update the same periodically.	Six monthly compliance status report of stipulat conditions is being submitted to the concern authorities and the same is displayed on tocompany's Web-Site.
xiv	A copy of clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	Already complied No complain has been received so far.
xv	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.	Already 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 7days 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	Already complied.
	Ministry located at Bhubaneswar.	