



HETERO INFRASTRUCTURE SEZ LTD.

Ch. Lakshmipuram (Vill.), N. Narasapuram (Vill.), Rajayyapeta (Vill.), Nakkapally (Mandal)
VISA KHAPATNAM (Dist.) - 531 081. A.P., India. Tel : 08931- 227307, Fax : 08931- 227200
E-mail : contact@heterodrugs.com. URL : http://www.heterodrugs.com.

5th January 2017

Letter No: HIS/EHS/MoEF/2016-17/02

The Scientist -D
Regional Office (South Eastern Region)
Ministry of Environment, Forest and Climate Change
1st and 2nd Floor, HEPC Building
No:34, Cathedral Garden Road
Nungambakkam
Chennai - 600034

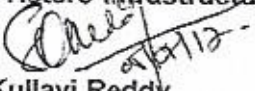
Dear Sir,

SUB : Compliance report of environmental clearance NO: 21-641/2007-IA, III DATED 25TH OCTOBER 2010 issued to M/s Hetero Infrastructure SEZ Ltd, Nakkapalli, Visakhapatnam -Regarding

With reference to the subject matter, please find attached compliance report of the Environmental Clearance issued to M/s Hetero Infrastructure SEZ Ltd for the period October 2014 to March 2015 with all attachments for your kind information and perusal

Thanking you,

Yours faithfully,
For Hetero Infrastructure SEZ Ltd


S. Kullayi Reddy
General Manager - EHS

Enclosures : As above

o/c



HETERO INFRASTRUCTURE SEZ LIMITED

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

NO: 21-641/2007-IA, III DATED 25TH OCTOBER 2010

EC COMPLIANCE REPORT – JULY 2016 TO DECEMBER 2016

S.No.	Condition	Compliance
Part-A, Specific Conditions		
Construction Phase		
(i)	Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act and a shall be submitted to the Ministry before start of any construction work at the site.	Complied with. The industry got Consent for Establishment from AP Pollution Control Board. Copy of the same has been already submitted to your good offices. The details of Consent for Establishment is as below: No: 219/PCB/CFE/RO-VSP/HO/2010-2355 Issue date:13/12/2010
(ii)	Sufficient dilution shall be ensured to meet the ambient parameters within 50 m distance from outfall.	Complied with. Out fall pipeline has been laid as per NIO recommendations.
(iii)	Regular Independent monitoring of marine water quality including temperature and salinity at the outfall shall be undertaken through an authorized agency and submitted along with six monthly monitoring report to the ministry.	Being followed. The industry is taking expertise of NIO for conducting the studies and conducting the studies on yearly basis. - Photocopy of the latest NIO report is enclosed as Annexure – I for your kind consideration.
(iv)	Filters in the way of extruders shall be provided at the intake point to prevent fishes entering in the system.	Complied with. Provided strainers at the intake point to prevent fish entry into the system.
(v)	The recommendations of EIA and DMP shall be strictly complied with.	Complied with.
(vi)	Lighted buoys shall be provided at intake and out fall location as indicators.	Complied with. Marker Buoys have been installed at the intake & Outfall points as indicators.
(vii)	The pipe line shall be buried at least 2 m depth in onshore area and 4 mts. In the offshore area. Necessary permission with regard to the pipeline burial and laying shall be obtained from maritime Board to ensure that the pipeline route does not fall in the navigation channel. Accordingly, the details of the laying of the pipeline shall be provided.	Complied. Pipeline has been laid as per the recommendations made by NIO.
(viii)	The pipeline shall not pass through any sand dunes/mangroves. The project shall be implemented in such a manner that	Not applicable. There are no mangroves and sand dunes in the



HETERO INFRASTRUCTURE SEZ LIMITED

	there is not damage whatsoever to the mangroves/other sensitive coastal ecosystem. If any damage to mangroves is anticipated/envisaged as a result of project activates then the clearance shall stand cancelled and the proponents shall seek fresh approval from the Ministry.	area where pipeline has been laid. The industry is taking all precautions to avoid damage to the marine environment.
(ix)	The reject shall meet the standards prescribed by Andhra Pradesh Pollution Control Board before disposal.	Complied with. The rejects are meeting the standards laid down by APPCB as we are using Hypo & Ferric Chloride only as and when required depending on Sea water quality. Qualities of the rejects are in the following range. pH : 7.5- 8.5 TDS : 50000 – 60000 mg/Lt COD : 10 – 50 mg/l
(x)	A continuous and comprehensive post project marine quality monitoring programmed shall be taken up. This shall include monitoring of water quality sediments quality and biological characteristics and report submitted every 6 months to Ministry's Regional Office at Bangalore.	Being followed. The industry is conducting post project marine monitoring through NIO once in a year. Copy of latest report is enclosed for your ready reference at Annexure -I
(xi)	It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	Complied with. There is no displacement of people, houses or fishing activity and it is a vacant land used for aquaculture in the past.
(xii)	There shall be display boards at critical locations along the pipeline Viz. road / rail/ river crossing giving emergency instructions. This will ensure prompt information regarding locations of accident during any Emergency. Emergency information Board shall contain emergency instruction in addition to contact details. Proper lighting shall be provided all along the road.	Complied with. Boards have been displayed at critical locations. Emergency contact details are available in the ECC & also at Security. Proper lighting has been provided all along the roads.
(xiii)	There shall be no withdrawal of ground water in CRZ area for this project.	Complied with. The industry is not drawing any ground water in CRZ area. Regular water requirement for the project is being completely met through Desalination plant installed in the premises of the Hetero Infra SEZ.
(xiv)	No other activities except the permissible actions under CRZ Notification 1991 shall be carried out with CRZ areas.	Complied with. Industry is adhering with the conditions stipulated.



HETERO INFRASTRUCTURE SEZ LIMITED

(xv)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contamination.	Conducting the analysis of soil & ground water periodically to check the contamination.
(xvi)	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.	Complied with. The industry is not using any bitumen for construction of roads as all the roads are made of concrete only. Hazardous material is being disposed to TSDF regularly. The industry is taking all precautions to avoid ground water contamination by way of transferring the solvents through pipelines, making bunds around the tanks, keeping spill control kits at strategic locations and conducting continuous training to the working personnel.
(xvii)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approval of the Andhra Pradesh state Pollution Control Board.	Complying with.
(xviii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Complied with. The industry is using only low sulphur diesel for operation of DG sets.
(xix)	The diesel required for operation DG sets shall be stored in underground tanks and required clearance from Chief Control of Explosives shall be taken.	Complied with. The industry is storing diesel in dedicated storage tanks and got clearance from Chief Controller of Explosives, Nagpur for various units located in Hetero Infra SEZ Ltd..
(xx)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours	Complied. All vehicles are in good condition and having pollution check certificates. The vehicle movement in the premises is restricted to day time only.
(xxi)	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB	Complied with. The industry is regularly monitoring Ambient noise levels and conforming to the residential standards during construction phase. At present there is no major Construction activities at site. All DG sets are equipped with acoustic enclosures. Photograph of the same have been submitted to the Ministry along with earlier compliance.



HETERO INFRASTRUCTURE SEZ LIMITED

(xxii)	Fly ash should be used as building material in the construction as per the provision of Fly ash Notification of september,1999 and amended as on 27th August,2003	Complied with. The industry is using fly ash Bricks & also using fly ash in Ready Mix concrete for the construction.
(xxiii)	Ready mixed concrete must be used in building construction	Complied with. Ready mix concrete is being used for the construction of buildings.
(xxiv)	Storm water control and its re use as per CGWB and BIS standards for various applications.	Complied with. Dedicated storm water drains are constructed surrounding to the plant and is being collected in the pond created by the industry and the same is being reused.
xxv	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred	Complied with. The industry is using Ready mix concrete for the construction and also using curing chemicals for curing purpose.
xxvi	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	Will be followed. The industry is not drawing any ground water and using water from desalination plant or regular usage. Permission will be obtained from competent authority if we draw ground water.
xxvii	Regular supervision of the above and other measure for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Complied with.
xxviii	Under the provisions of Environment (protection)Act,1986,legal action shall be initiated against the project proponent if it was found that construction of the project has started without obtaining environmental clearance	Construction started after getting Environmental Clearance only.
II. Operation Phase		
I	The installation of the Effluent Treatment Plant (ETP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from ETP shall be Recycled/ Reused to the maximum extent possible.	Complied with. Constructed full-fledged ETP for the treatment of Effluents at a cost of Rs.80.00 Cores ETP performance monitoring has been done by the third party and the copy of report is enclosed as Annexure -II for your kind information.



HETERO INFRASTRUCTURE SEZ LIMITED

ii	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material	<p>Complied with.</p> <p>Dedicated places are provided for storing solid waste.</p> <p>Installed Organic Waste Converter & Vermi-compost plant for disposing wet garbage and canteen waste.</p> <p>Inorganic salts being disposed to TSDF Visakhapatnam whereas the organic wastes are being disposed to cement plants for co-generation.</p>
iii	Diesel power generating sets proposed as sources of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the environment (protection) Act,1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Andhra Pradesh State Pollution Control Board.	<p>Complied with.</p> <p>The Diesel generators are having acoustic enclosures and the stack height of the same is as per the norms prescribed by the Board..</p> <p>Using only low sulphur diesel for operation of the DG sets.</p>
iv	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the periphery of the plot shall be restricted to the permissible levels to comply with the prevalent regulations.	<p>Complied with.</p> <p>The Industry is taking all possible measures to control the noise pollution.</p> <p>Regularly monitoring the noise levels and is well within the norms.</p>
v	The green belt of adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	<p>Complied with.</p> <p>The industry has planted around 500000 saplings in and around the premises.</p>
vi	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period	<p>Complied with.</p> <p>Well-designed drainage system has been provided for the premises for draining rain water during monsoon period.</p>
vii	Rain water harvesting for roof run-off, as plan submitted should be implemented. Before recharging the surface run off. pre-treatment must done to remove suspended matter,	<p>Complied with.</p> <p>Complete rain water is being collected in a pond created by the industry and the same is being reused for utilities.</p>
viii	The ground water level and its quality should be monitored regularly in consultation with Central ground water authority	<p>Complied with.</p> <p>Will be carried with CGWB. At present we are monitoring ground water through third party</p>



HETERO INFRASTRUCTURE SEZ LIMITED

ix	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized	Complied with. There is no traffic congestion near entry & exist points. The industry is using its own parking area and no public space is being utilized.
x	A report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy should be prepared incorporating details about building materials & technology & Factors etc and submit to the Ministry in three months time.	Complied with. The study has been done and report is in place.
xi	Energy conservation measure like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should in place before project commissioning. Use CFL and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoided mercury contamination. Use of solar panels may be done to the extent possible.	Complied with. Using CFLs/TFLs for the lighting area and these are the integral part of the project. The industry is planning to go for LED lights for general lighting purpose in and around the premises.
PART-B, GENERAL CONDITIONS		
i	The environmental safe guards contained in the EIA report should be implemented in letter and spirit.	Complied with.
ii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (hard copies as well as by e -mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied with. EC compliance report is being submitted regularly once in six months. Monitoring data is being regularly submitted to APPCB on monthly basis.
iii	Officials from the Regional Office of MoEF, Bangalore who would be monitoring the implementation of environment safeguards should be given full cooperation, facilities and documents /data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional Office of MoEF, Bangalore.	Complied with. Noted and will be followed.
iv	In the case of any change(s)in the scope of the project, the project would require a fresh appraisal by this Ministry	Complied with. No changes in the project. If any changes would be intimated and appraised.



HETERO INFRASTRUCTURE SEZ LIMITED

v	The ministry reserves the right to added additional safeguard measures subsequently if found necessary, and to take action including revoking of the environment clearance under provisions of the environmental (protection) Act, 1986, ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
vi	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of explosive, Fire Department, Civil Aviation department, forest Conservation Act 1980 and Wildlife (Protection) Act 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied with. Got approval for storage of Diesel in the individual units of SEZ. Fire Department NOC for Hetero Infrastructure SEZ Ltd & also individual units of Hetero SEZ are in place.
vii	These stipulation would be enforced among others under the provisions of Water (prevention and Control of pollution) Act 1974, the Air (Prevention and control) act 1981 the Environment (protection) Act 1986 ,the public Liability insurance) Act 1981 and EIA Notification, 2006	Noted and will be followed.
viii	The project proponent should advertise in at least two local News papers widely circulated in the region one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Kerala Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forest at http:// www.envfor.nic.in The advertisement should be within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore.	Noted and will be complied
ix	Environmental clearance is subject to final order of the Hon'ble supreme court of India in the matter of Goa Foundation V/s Union of India in Writ petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted and accepted
x	Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, with a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 19987	Noted and accepted



HETERO INFRASTRUCTURE SEZ LIMITED

xi	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, Zilla parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any from whom suggestions/representation, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent	Clearance letter has been submitted to the Panchayat.
xii	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Compliance of EC conditions are being sent to MoEF, RO regularly. Monitoring data is being submitted regularly to SPCB on monthly basis. Installed CAAQM station in the premises and the data is being displayed at Main Gate through Digital/LED display.
xiii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment(Protection)Rules,1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail	Complied with. The industry is regularly submitting Environmental statement to APPCB before 30 th September of every year. Copy of latest Environmental statement is enclosed as Annexure-III for your kind information.