

MONITORING REPORT

PART I

DATA SHEET

F.No. EP/12.1/2010-11/61/AP

- 1 Project Type : Infrastructure
River valley / Mining / Industry /
Thermal / Nuclear / Other
Specify
- 2 Name of the project : Environmental & CRZ clearance for the
development of SEZ for pharmaceutical and
chemical manufacturing units, intake and outfall
and for desalination plant at Sy.No. 215, 286/1,
286/2, 283/1, in Ch.Lakshmi Puram, 312/1 to
312/5, 312/10 to 312/12, 313/1 to 313/7 of
Rajaiahpet, 19 (qart) in Pedda Teernala, 117/1
to 117/3, 119/1, 119/2, 120/1, 120/2, 125, 126,
129/1 to 129/9, 138, 142, 150, 215,
N.Narasapuram village, Nakkapalli Mandal,
Visakhapatnam District, Andhra Pradesh by M/s
Hetero Infrastructure SEZ Limited
- 3 Clearance letter(s) / OM No. : 21-641/2007-IA-III dated 25/10/2010
and dated
Consent Order for : Order No.219/PCB/CFE/RO-VSP/HO/2010-
Establishment 2355 dated 13/12/2010
Consent Order for Operation : CFO renewal order has been obtained from
APPCB vide order no.
APPCB/VSP/VSP/219/CFO/HO/2015-1630
dated 16.2.2015 and is valid up to 31/12/2017.
- 4 Locations :
 - a. Taluk(s) : N.Narasapuram village, Nakkapalli Mandal,
District Visakhapatnam
 - b. State (s) : Andhra Pradesh
 - c. Latitudes / Longitudes : 17°41' North / 83°18' East
- 5 Address of correspondence
 - a. Address of concerned project Shri S. Kullayi Reddy
Chief Engineer (with Pin Code General Manager –EHS
& telephone / telex / fax M/s Hetero Labs Ltd
numbers N. Narasapuram –Village
Nakkapalli Mandal
Visakhapatnam.
Mobile: 9490793284
Email: KullayiReddy.S@heterodrugs.com
 - b. Address of Executive Project : -do-
Engineer/ Manager (with Pin
Code/fax numbers)
- 6 Salient features:

- a. Salient features of the project : • Project involves development of SEZ for pharmaceutical and chemical manufacturing units on a total plot area of 138.51 Ha. Hetero SEZ consists of total 17 plots.
- Present status of the project • Out of 17 plots, 9 plots have been developed so far wherein 3 units [M/s Honor Labs Limited – Unit III, M/s Hetero Labs Limited – Unit IX and M/s Hetero Drugs Limited – Unit IX] are under operation.
- b. Environmental management plans : • Full-fledged Effluent Treatment Plant (ETP) consisting of Stripper, Multiple Effect Evaporator (MEE), Agitated Thin Film Drier (ATFD) & biological system for treatment of high TDS & low TDS effluent.
• STP for treatment of domestic wastewater.
• Green belt development.
• Monitoring of marine environment quality and ambient environmental parameters (AAQ/Noise/Stack emissions).
• Installation of online stack monitoring and continuous ambient air quality monitoring equipment.
- 7 Breakup of the project area:
- 8 a Project area : 138.51 ha (**As per the EC accorded**)
- 8 Break up of project affected population with enumeration of those losing houses / dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers / artisans Nil
- a SC,ST/Adivasis : Not applicable.
- b Others : Not applicable.
- 9 Financial Details:
- a Project cost as originally planned and subsequent revised estimates and the years of price reference : Rs. 126 crores (**As per the EC accorded**)
- b Allocations made for environmental management plans, with item wise and year wise breakup : Details not made available.
- c Benefit cost ratio / internal rate of return and the years of assessment : Details not made available.
- d Whether (c) includes the cost of environmental management as shown in (b) above : Details not made available.
- e Total expenditure on the Project so far : Rs. 126 crores (**As per the project proponent**)
- f Actual expenditure incurred on the environmental management plans so far : Rs. 80 crores (**As per the project proponent**)
- 10 Forest land requirement: : Nil


- | | | | |
|----|--|---|--|
| a | The status of approval for a diversion of forest land for non-forestry use | : | Not Applicable |
| b | The status of compensatory afforestation, if any | : | Not Applicable |
| c | The status of clear felling | : | Not Applicable |
| d | Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far | : | Not Applicable |
| 11 | The status of clear felling in non-forest area (such as submergence area of reservoir, approach road), if any, with quantitative information | : | Not Applicable |
| 12 | <u>Status of construction:</u> | | |
| a. | Date of commencement | : | December, 2010 |
| b. | Date of completion (actual and / or planned) | : | Till now, 9 plots have been developed wherein 3 units [M/s Honor Labs Limited – Unit III, M/s Hetero Labs Limited – Unit IX and M/s Hetero Drugs Limited – Unit IX] are under operation. |
| 13 | Reasons for the delay if the project is yet to start. | : | Nil |
| 14 | <u>Date of site visit:</u> | | |
| a | The dates on which the project was monitored by the Regional Office on previous occasions, if any | : | 9/11/2013 |
| b | Date of site visit for this monitoring report | : | 6/02/2017 |

The above project was monitored by the undersigned on 6.2.2017 along with the following representatives of M/s Hetero Infrastructure SEZ Limited [herein after referred as Project Proponent (PP)].

- i. Shri S. Kullayi Reddy, General Manager –EHS
- ii. Shri Ashok Kumar, General Manager – Corporate EHS.

The status of compliance on the stipulated conditions contained in the Environment Clearance cited above is given below in **Part II & Part III.**

This is approved by the Addl.PCCF (Central), RO-Chennai vide diary no.350 dated – 14.3.2017.


 (Sundar.R.) 14/3/17
 Scientist 'D'

DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO THE CONDITIONS OF THE ENVIRONMENTAL CLEARANCE AND ENVIRONMENTAL MANAGEMENT

Subject: Environmental & CRZ clearance for the development of SEZ for pharmaceutical and chemical manufacturing units, intake and outfall and for desalination plant at Sy.No. 215, 286/1, 286/2, 283/1, in Ch.Lakshmi Puram, 312/1 to 312/5, 312/10 to 312/12, 313/1 to 313/7 of Rajaiahpet, 19 (qart) in Pedda Teernala, 117/1 to 117/3, 119/1, 119/2, 120/1, 120/2, 125, 126, 129/1 to 129/9, 138, 142, 150, 215, N.Narasapuram village, Nakkapalli Mandal, Visakhapatnam District, Andhra Pradesh by M/s Hetero Infrastructure SEZ Limited

Reference: 21-641/2007-IA-III dated 25/10/2010


S.No.	Conditions	Compliance status
Part-A: Specific Conditions		
I. Construction Phase		
(i)	"Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Partly complied. Consent Order For Establishment has been obtained from the Andhra Pradesh Pollution Control Board vide order no. 219/PCB/CFE/RO-VSP/HO/2010-2355 dated 13/12/2010 and a copy was reportedly submitted to the Ministry. However, document in this regard has not been made available during the visit.
(ii)	Sufficient dilution shall be ensured to meet the ambient parameters within 50 m distance from outfall.	Reportedly complied. It was informed that outfall pipeline has been reportedly laid as per NIO recommendations and the dilution is more than 500 times at the point of disposal.
(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.	Complied. The marine water quality at the outfall point is being monitored periodically once in a year by National Institute of Oceanography (NIO), Goa and reports are being submitted regularly to the Regional Office of the MoEF&CC along with the six monthly compliance report. Marine water quality report provided during the visit does not show any anomaly.
(iv)	Filters in the way of extruders shall be provided at the intake point to prevent fishes entering in the system.	Complied. PP has 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.	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied. Further, informed that DMP is being updated periodically based on the recommendations of the Factories Department, Govt. of Andhra Pradesh.
(vi)	Lighted buoys shall be provided at intake and out fall location as indicators.	Complied. Marker Buoys have been installed at the intake & outfall points as indicators.

S.No.	Conditions	Compliance status												
(vii)	<p>The pipe line shall be buried at least 2 m depth in onshore area and 4 mts. In the offshore area.</p> <p>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.</p>	<p>Reportedly complied.</p> <p>Pipeline has been reportedly laid as per the recommendations made by NIO i.e. pipeline has been buried at 4 meters depth in offshore area and the diffusers have been installed at a depth of 13 meters from the surface of the sea as informed.</p> <p>It was informed during the visit that the pipeline route does not fall in the navigation channel and permission has not been taken as there was no maritime board in the State of Andhra Pradesh.</p>												
(viii)	The pipeline shall not pass through any sand dunes/mangroves. The project shall be implemented in such a manner that there is no damage whatsoever to the mangroves/other sensitive coastal ecosystem. If any damage to mangroves is anticipated/envisaged as a result of project activities then the clearance shall stand cancelled and the proponents shall seek fresh approval from the Ministry.	<p>Complied.</p> <p>During the visit, it is observed that there are no mangroves and sand dunes in the area where the pipeline has been laid. PP is conducting post project marine quality monitoring through NIO once in a year. PP is taking all precautions to avoid damage to the marine environment.</p>												
(ix)	The reject shall meet the standards prescribed by Andhra Pradesh Pollution Control Board before disposal.	<p>Complied.</p> <p>The rejects are meeting the standards laid down by APPCB as PP is using Hypo & Ferric Chloride only as and when required depending on sea water quality. Qualities of the rejects are in the following range.</p> <table border="1"> <thead> <tr> <th>Parameter</th><th>Value</th><th>Limit</th></tr> </thead> <tbody> <tr> <td>pH</td><td>7.5- 8.5</td><td>5.5 – 9.0</td></tr> <tr> <td>COD</td><td>10-50</td><td>250</td></tr> <tr> <td>TDS</td><td>50000 – 60000 mg/lit</td><td>NA</td></tr> </tbody> </table>	Parameter	Value	Limit	pH	7.5- 8.5	5.5 – 9.0	COD	10-50	250	TDS	50000 – 60000 mg/lit	NA
Parameter	Value	Limit												
pH	7.5- 8.5	5.5 – 9.0												
COD	10-50	250												
TDS	50000 – 60000 mg/lit	NA												
(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.	<p>Complied.</p> <p>PP is conducting post project marine quality monitoring through NIO once in a year. PP has completed the study and submitted the report for the year 2015. PP informed that study for the year 2016 has been completed and the report is expected to be submitted to the Ministry by July, 2017. The study includes water quality, sediments quality & biological characteristics of the water. Marine quality monitoring report is being submitted to the Regional Office of the MoEF&CC along with the six monthly compliance report.</p>												
(xi)	It shall be ensured that there is no displacement of people, houses or	<p>Reportedly complied.</p> <p>Condition pertains to the construction</p>												

S.No.	Conditions	Compliance status
	fishing activity as a result of the project.	phase. PP informed during the visit that this condition has been reportedly complied. Further, informed that the site was a vacant land and used for aquaculture activity 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. Display boards at the critical locations including the pipeline route have been kept. Emergency contact details are available in the ECC & also at the Security gate. 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. PP is not drawing any ground water in CRZ area. Regular water requirement for the project is being completely met through desalination plant.
(xiv)	No other activities except the permissible actions under CRZ Notification 1991 shall be carried out with CRZ areas.	Complied. PP is adhering with the condition stipulated. The industry is not performing any activity other than desalination plant in the said area.
(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.	Partly complied. PP informed that monitoring of ground water quality is being undertaken by the third party (MoEF&CC recognized laboratory) at two locations on monthly basis. Report provided during the visit indicates that the ground water quality is within the permissible limits. It is observed that monitoring of soil samples quality needs to be undertaken by the PP in consultation with APPCB.
(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.	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied. Further informed that the industry is not using any bitumen for construction of roads as all the roads are made of concrete only.
(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.	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied.
(xviii)	The diesel generator sets to be used during construction phase should be	Reportedly complied. Condition pertains to the construction

S.No.	Conditions	Compliance status
	low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	phase. PP informed during the visit that this condition has been reportedly complied.
(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. PP informed that they are storing diesel in dedicated underground storage tanks and got permission from Chief Controller of Explosives, Nagpur which is valid up to 31/12/2024.
(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	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied. Further, informed that vehicles are hired only if they have a valid PUC certificate. All vehicles have been checked for registration, renewal and allowed to operate only during day time.
(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.	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied. However, environmental monitored data (ambient air/noise) collected during the construction phase has not been made available during the visit.
(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	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied. However, document in this regard has not been made available during the visit.
(xxiii)	Ready mixed concrete must be used in building construction	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied.
(xxiv)	Storm water control and its re use as per CGWB and BIS standards for various applications.	Complied. Dedicated storm water drains are constructed surrounding to the plant and its being collected in the pond having approximate capacity of 2.5 lakh cubic metre. The collected water is being reused for green belt development and dust suppression as informed during the visit.
(xxv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that

S.No.	Conditions	Compliance status
	practices referred	this condition has been reportedly complied.
(xxvi)	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	Refer below. Condition pertains to the construction phase. PP informed during the visit that they have not drawn ground water and the water requirement during the construction phase was reportedly met from desalination plant established by the company.
(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.	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that this condition has been reportedly complied.
(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	Reportedly complied. Condition pertains to the construction phase. PP informed during the visit that construction activity was reportedly started during December, 2010 after getting environmental clearance and consent for establishment from MoEF&CC and APPCB respectively.
II. Operation Phase		
i	<p>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.</p> <p>Treated effluent emanating from ETP shall be Recycled/ Reused to the maximum extent possible.</p>	<p>Partly complied. PP informed during the visit that they have installed full-fledged Effluent Treatment Plant (ETP) [Capacity:450 KLD] consisting of Stripper, Multiple Effect Evaporator (MEE), Agitated Thin Film Drier (ATFD) & biological system for treatment of high TDS & low TDS effluent at a cost of Rs.80.00 Cores.</p> <p>After the commissioning of the ETP, performance evaluation of the ETP was undertaken by a third party in collaboration with Andhra University and the report was submitted to the Regional Office of the MoEF&CC during January, 2017 wherein several mitigation measures have been recommended. PP has been advised to submit the action plan to the Regional Office to comply with the recommendations suggested by the third party. PP has also been advised that approach road to ETP and desalination plant shall be made pucca to reduce dust pollution.</p> <p>Treated effluent from the ETP is being sent for marine disposal and not being recycled/reused to the maximum extent possible.</p>

S.No.	Conditions	Compliance status
ii	<p>The solid waste generated should be properly collected and segregated. Wet garbage should be composed and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material</p>	<p>Complied.</p> <p>The solid wastes are being properly collected and segregated. Dedicated covered sheds with leachate collection systems have been provided for the storage of solid wastes. Installed organic waste converter & vermi-compost plant for treatment of wet garbage and canteen waste.</p> <p>The hazardous waste such as ETP sludge, processed solid waste and MEE ash and being disposed of to the TSDF at Parawada, Visakhapatnam district for secured land filling. The other hazardous waste such as solvent residue and spent carbon are being sent to the authorized cement plants for co-processing /TSDF at Parawada, Visakhapatnam district for incineration. Authorization in this regard has been obtained from APPCB and is valid up to 31/12/2017. Photographs depicting the waste storage are given below:</p> 
iii	<p>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</p>	<p>Complied.</p> <p>PP informed during the visit that DG sets with a capacity of 6710 KVA (2x2030 KVA, 2x1165 KVA & 1x320KVA) have been installed at 5 locations in consultation with APPCB as a backup power source for the complex. Acoustic enclosures and adequate stack height as per the CPCB norms have been provided to the DG sets. Further, informed that they are using only low sulphur diesel for operation of the DG sets.</p>

S.No.	Conditions	Compliance status
	Andhra Pradesh State Pollution Control Board.	
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.	Complied. Silencers and acoustic enclosures were provided to the noise generating sources. Ambient noise level (day time and night time) is being monitored by a third party (MoEF&CC recognized laboratory) at 10 locations including the boundary of the periphery of the plot on monthly basis. Report provided during the visit indicates that the ambient noise levels are within the permissible limits.
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.	Complied. Total area is 138.51 ha. Out of 138.51ha, PP informed that 50 ha have been covered under the green belt development by planting about 500000 saplings in and around the SEZ complex. It was informed that local species have been chosen for the green belt development. Plantation work is satisfactory and survival rate is observed to be about 75%.
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	Complied. Well-designed drainage system has been provided for the premises for draining rain water during monsoon period. Holes have been in the compound walls below plinth beam for drainage of rain water during rainy season.
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.	Partly complied. The rain water collected is being sent to the pond created by the company within the SEZ complex which helps to recharge the ground water. The collected water is also being reused for utilities without any pre-treatment. The total area of the pond is 24 acres and the capacity is 2.5 lakh m ³ as informed.
viii	The ground water level and its quality should be monitored regularly in consultation with Central ground water authority	Partly complied. PP informed that monitoring of ground water quality is being undertaken by the third party (MoEF&CC recognized laboratory) at two locations on monthly basis. Report provided during the visit indicates that the ground water quality is within the permissible limits. However, monitoring of ground water level has not been undertaken in consultation with the CGWA.
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	Complied. There is no traffic congestion near entry & exist points. The industry is using its own parking area and no public space is being

S.No.	Conditions	Compliance status
	no public space should be utilized	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. PP informed that study on energy conservation measures has been done by a third party and report has been provided during the visit. The major recommendations of the study are: <ul style="list-style-type: none"> • VFD for all major equipment. • Using CFL/TFL to the maximum extent possible. • Auto cut offs etc. The afore-mentioned recommendations are being implemented by the PP.
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. Used 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. Using CFLs/TFLs for the lighting area and these are the integral part of the project. Agreed upon. PP informed that this condition is noted and assured to abide by this condition.
PART-B - GENERAL CONDITIONS		
i	The environmental safe guards contained in the EIA report should be implemented in letter and spirit.	Complied. The environmental safeguard measures contained in the EIA report are being implemented.
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. Six monthly compliance reports (both hard and soft copy) along with the monitored data are being submitted to the Regional Office of the MoEF&CC/APPCB/CPCB.
6.	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. Extended full co-operation during the visit. A complete set of documents have been reportedly submitted to the Regional Office of the MoEF&CC. However, document in this regard has not been made available during the visit.
7.	In the case of any change(s)in the scope of the project, the project would require a fresh appraisal by this Ministry	Agreed upon. It was submitted that this condition is noted and assured to abide by this condition.

S.No.	Conditions	Compliance status
8.	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.	Agreed upon. It was submitted that this condition is noted and assured to abide by this condition.
9.	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. PP informed that all other applicable mandatory clearances such as CFE, CFO & its renewal and permission for storage of diesel have been obtained from the respective departments.
10.	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	Partly complied. Consent & Authorization under the Air Act, Water Act and Hazardous Waste (MH & TM) Rules, 2008 have been obtained which is valid up to 31/12/2017. Insurance under the provisions of the PLI Act, 1991 has been obtained and is valid up to 10/11/2017.
11.	The project proponent should advertise in at least two local Newspapers 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.	Not complied. PP informed that no paper advertisement has been given regarding the accord of environmental clearance by the Ministry.
12.	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.	Refer below. PP informed that there is no wildlife sanctuary/critically polluted area/ecologically sensitive zone within 10km from the boundary of the SEZ area. In view of this, PP has been advised to seek amendment in this EC condition from the Competent Authority.
13.	Any appeal against this Environmental Clearance shall lie with the National	Agreed upon. It was informed that no appeal has been

S.No.	Conditions	Compliance status
	Environment Appellate Authority, if preferred, with a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 19987	made within 30 days and submitted that the condition is "Noted" and assured to abide by the condition.
14.	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	Partly complied. PP informed that they have exhibited the clearance letter in local offices and no representations are received. However, environmental clearance letters have not been uploaded on the company's website.
15.	<p>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.</p> <p>It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p> <p>The criteria pollutant levels namely; SPM, RSPM, SO₂, 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.</p>	<p>Partly complied. Six monthly compliance reports along with the monitored environment data (AAQ/Stack/Noise) have not been uploaded on the company's website.</p> <p>Six monthly compliance reports (both hard and soft copy) along with the monitored data are being submitted to the Regional Office of the MoEF&CC/APPCB/CPCB.</p> <p>Criteria pollutant levels (ambient levels as well as stack emissions) have been displayed at the main gate of the company.</p>
16.	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	Partly Complied. It was informed that the environmental statement for each financial year is being regularly submitted to the APPCB. However, environmental statement has not been uploaded on the company's website as stipulated in the EC condition and also not submitted to the Regional Office of the MoEF&CC.

Comments and End note:-

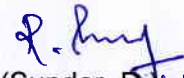
- 1. Status of implementation of stipulated conditions:-** It is inferred from above that following are the non-compliances observed against the stipulated conditions of the Environmental Clearances:-

- i. Monitoring of soil samples quality needs to be undertaken by the PP in consultation with APPCB (**Specific condition no. xv**).
- ii. Action plan shall be submitted to the Regional Office of the MoEF&CC to comply with the recommendations suggested by the third party regarding the performance evaluation of the ETP. Approach road to ETP and desalination plant shall be made pucca to reduce dust pollution (**Specific condition no. i**).
- iii. Treated effluent from the ETP is being sent for marine disposal and not being recycled/reused to the maximum extent possible (**Specific condition no. i**).
- iv. Monitoring of ground water level has not been undertaken in consultation with the CGWA (**Specific condition no. viii**).
- v. No paper advertisement has been given regarding the accord of environmental clearance by the Ministry (**Para no. 11**).
- vi. Project proponent has not uploaded the environment clearance letter on the company's website (**Para no. 14**).
- vii. Six monthly compliance reports along with the monitored environment data (AAQ/Stack/Noise) have not been uploaded on the company's website (**Para no. 15**).
- viii. Environmental statement has not been uploaded on the company's website as stipulated in the EC condition and also not submitted to the Regional Office of the MoEF&CC (**Para no. 16**).

2. **Housekeeping:** Housekeeping in the premises is satisfactory.

3. **With regard to issuance of show cause/closure notices/directions:-** It was informed by the PP that there was no issuance of Show Cause/directions/closure notices in the last two years by the APPCB.

This is approved by the Addl.PCCF (Central), RO-Chennai vide diary no.350 dated – 14.3.2017.


(Sundar .R. 14/3/17)
Scientist 'D'