

AECTPL/KPL/EC-Compliance/ENV/-01

Date: 28/08/2017

To,
The General Manager (Operations)
Kamarajar Port Limited,
23 Rajaji Salai, Chennai – 600 001

Sub: Development of container terminal at Kamarajar Port Limited on DBFOT basis, KPL awarded to Adani Ennore Container Terminal Private Limited-
Submission of Half yearly Compliance of Environmental Clearance issued to KPL in various stages of development with regards to Container Terminal – Reg.

Ref:

1. Vide order no: 10-28/2005-IA-III dated 19th May, 2006
2. Vide order no: 10-28/2005-IA-III dated: 10/09/2007 and validity extension date: 31.03/2017
3. Vide order no: 10-28/2005-IA-III dated: 24/12/2014


Dear Sir,

With reference to above subjected matter, here Adani Ennore Container Terminal Private Limited is submitting the half yearly compliance report of Environmental Clearance obtained by the M/s. Kamarajar Port Limited in various stages of development as referred above.

Pertaining to Container Terminal conditions compliance is enclosed for the period of January -2017 to June – 2017.

Hence it is requested to kindly acknowledge the same.

Thanking you sir,
Yours Faithfully,
For **Adani Ennore Container Terminal Private Limited,**


Capt. Jeyaraj Thamburaj
Head – AECTPL



Encls: Half yearly EC compliance report for the period of Jan-17 to June-17.

cc to: *Manager - Environment - KPL.*

Adani Ennore Container Terminal Pvt Ltd
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Gujarat, India

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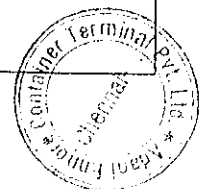


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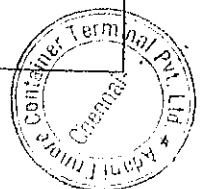
Vide order no: 10-28/2005-IA-III dated 19th May, 2006

Specific Conditions:

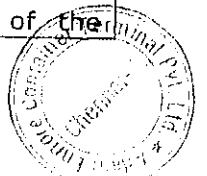
SN	Environmental Clearance conditions	Compliance Status as on 31/06/2017
i.	All the conditions stipulated in the NOC from TNPCB vide their letter No. T12/TNPCB/Misc./F.3322/TVLR/05, dated 07.12.2005 should be strictly implemented.	Detailed compliance submitted as annexure by KPL dated 18.07.2013.
ii.	Groins and other suitable structures should be constructed to prevent the closing of the mouth of Ennore Creek.	Status by KPL.
iii.	The DPR and the technical details to be awarded to the BOT operator should provide to MoEF for post project monitoring within 6 months from the date of receipt of this letter.	Container Terminal DPR submitted vide letter number EPL/MS/49/2008 dt. 13/03/2008.
iv.	The marine terminal should be set up outside CRZ area.	Status by KPL.
v.	Recommendations of Risk Analysis report should be strictly implemented and a comprehensive quantitative Risk Analysis should be carried out before operationalizing the project.	Operational Risk Assessment has been submitted to Independent Engineers (EIL - Engineers India Limited).
vi.	Approval form Chief Controller of Chief Explosives should be obtained for hazardous chemicals storage, transfer and related activities.	AECTPL is not storing any Hazardous chemicals. Hence not applicable.
vii.	The reclamation of the port area should be carried out with the dredged materials. Dredged material should not be dumped into the sea. No reclamation should be carried outside the port limits.	Status by KPL.
viii.	The coastal protection works should be carried out after detailed hydrodynamic modelling studies and it should be ensured that no erosion or accretion takes place in the shore protection works.	Status by KPL.
ix.	Reclamation of 500 acres should be carried out only for the port development. The height of the reclaimed area will be maintained above the maximum flood level.	Status by KPL.
x.	The wave tranquillity study and the ship manuring studies carried out should be taken into account while operating the port.	Status by KPL.
xi.	The project proponent should ensure that doing construction and operation of the port there will be impact on the livelihood of the fisherman. The fishermen should be provided free access to carry out the fishing activity.	Status by KPL.
xii.	All necessary precaution while undertaking construction and operation of the port should be taken keeping in view the bathymetric changes caused due	Status by KPL.



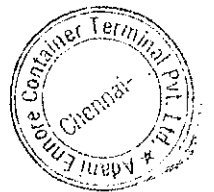
	to tsunami.	
xiii.	All development in the port should be accordance with the Coastal Regulation Zone Notification, 1991 and approved Coastal Zone Management Plan of Tamil Nadu.	Status by KPL.
xiv.	The project proponent should undertake a comprehensive hydrodynamic modelling study with regard to river diversion and submit the report to the Ministry within 6 months from the date of receipt of this letter. Further the unit should comply with all the findings/recommendations of the study.	Status by KPL.
xv.	Construction labour camps should be located outside of CRZ area and should be provided with adequate cooking and sanitation facilities.	Construction of container terminal is completed.
xvi.	The project affected people, of any should be properly compensated and rehabilitated.	Status by KPL.
GENERAL CONDITIONS:		
i.	Development of the proposed channel should be undertaken meticulously conforming to the existing Central/Local rules and regulations including CRZ Notification, 1991 and its amendments. All the construction designs/drawings relating to the proposed development activities must have approvals of the concerned State Govt. Depts./Agencies.	Noted for compliance.
ii.	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up as to ensure that the quality of ambient air and water conforms to the prescribed standards. The laboratory will also equipped with qualified manpower including a marine biologist so that the marine water quality is regularly monitored in order to ensure that the marine life is not adversely affected as a result of implementation of the said project. The quality of ambient air and water shall be monitored periodically in all the seasons and the results should be properly maintained for inspection of concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be send to this Ministry (RO at Bangalore) and Pollution Control Committee.	AECTPL is awarding Environmental Monitoring to accredited laboratory to sample and test the environmental parameters. The reports are being submitted to KPL and State Pollution Control Board on monthly basis.
iii.	Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation etc. must be provided for the labourers during the construction period in order to avoid damage to the environment. Colonies for the labourers should not be located in CRZ area. It	No labour colonies are location inside the CRZ area and Construction completed.



	should also be ensured that the construction workers do not cut trees including mangroves for fuel wood purpose.	
iv.	To prevent discharge of swage and other liquid wastes into the water bodies, adequate system for collection and treatment of the waste must be provided. No Sewage and other liquid wastes without treatment should be allowed to enter into the water bodies.	AECTPL installed 25 KLD capacity Sewage Treatment Plant and treated water will be used for on land irrigation.
v.	Appropriate facility should be created for the collection of solid and liquid wastes generated by the barges/vessels and their safe treatment and disposal should be ensured to avoid possible contamination of the water bodies.	AECTPL installed 25 KLD capacity Sewage Treatment Plant and treated water will be used for on land irrigation.
vi.	Necessary navigational aids such as channel markers should be provided to prevent accidents. Internationally recognized safety standards shall be applied in case of barge/vessel movements.	Status by KPL.
vii.	The project authorities should take appropriate community development and welfare measures for villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for the purpose.	Status by KPL. AECTPL is initiated few CSR activities in the vicinity of the project.
viii.	The quarrying material required for the construction purpose should be obtained only from the approved quarries/borrow areas. Adequate safeguards measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way in water bodies.	AECTPL construction completed.
ix.	For employing unskilled, semi-skilled and skilled workers for the project, preference should be given to local people.	AECTPL has considered local people for construction activities.
x.	The recommendations made in the EMP and DMP, as contained in the EIA and RA reports of the projects shall be effectively implemented.	Status by KPL.
xi.	A separate EMC with suitable qualified staff to carry out various environment should be set up under the charge of a Senior Executive who will report directly to Chief Executive of the Company.	AECTPL is manned with qualified environmental executive for look after Environment Management Cell along with accredited monitoring agency.
xii.	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry.	AECTPL allocated budget for Environment Management is about INR: 25,00,000 for Financial Year - 2017-2018.
xiii.	Full support should be extended to the officers of the Ministry's Regional office at Bangalore and the officer of the	Full support will be extended to the officers of the Ministry's Regional office at Bangalore and the officer of the



	Central and SPCB by the project proponent during this inspection for monitoring purposes, by furnishing full details and action plans including the action plans including the action taken reports in respect if mitigative measures and other environmental protection activities.	Central and SPCB by the project proponent during this inspection for monitoring purposes, by furnishing full details and action plans including the action plans including the action taken reports in respect if mitigative measures and other environmental protection activities.
xiv.	In case there is an intension of deviation or alternation in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	Will be complied.
xv.	The Ministry reserves right to revoke this clearance, if, any of the conditions stipulated are not compiled with to the satisfaction of this Ministry.	Noted.
xvi.	This Ministry or any other competent authority may stipulate additional conditions subsequently, if deemed necessary for environmental protection, which shall be complied with.	Noted.
xvii.	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned available with the SPCB and may also be seen at Website of the Ministry of Environment & Forests at http://www.envforenic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of the Ministry at Bangalore.	Status by KPL.
xviii.	The project proponents should inform the RO as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.	Status by KPL.



Vide order no: 10-28/2005-IA-III dated: 10/09/2007 and validity extension date: 31.03/2017

A. Specific Conditions:

S.No	Environmental Clearance conditions	Compliance Status as on 31/06/2017
i	It should be ensured that no mangroves are destroyed during reclamation.	Status by KPL.
ii	The proposed extension to the project should not cause any shoreline change abutting Ennore Port.	Status by KPL.
iii	Adequate provision for beach nourishment and sand bypass should be provided.	Status by KPL.
iv	The dredged material obtained should be utilized for filling up of back up area.	Status by KPL.
v	All conditions stipulated in the environmental clearance letter of even number dated 19.05.2006 should be strictly complied with.	All stipulated conditions in the environmental clearance letter of even number dated 19.05.2006 are being complied and compliance reports are regularly furnished to MoEF, Regional office, Chennai.
vi	The additional dredged material of 4 million cu. Mts. obtained from the project should not be disposed of into the sea.	Status by KPL.
vii	The reclaimed area should be used as containers stack yard only.	Status by KPL.
viii	Adequate drainage facilities should be provided in the reclaimed area along with collection and treatment system for treating the run off from the container stack yards.	AECTPL has commissioned 25 KLD sewage treatment plant to collect and treat the sewage generated from the terminal.
ix	Necessary approvals/clearances should be obtained from the Tamil Nadu Coastal Zone Management Authority and Tamil Nadu Pollution Control Board before implementing the project.	TNCZMA in their 53 rd meeting held on 28.08.2009 have accorded necessary clearance. AECTPL accorded Tamil Nadu Pollution Control Board as Consent to Operate to handle 11.68 MMTPA containers vide order no: T5/TNPCB/F.1305AMB/RL/AMB/W/2017 - dated: 28/06/2017.

B. General Conditions:

S.No	Environmental Clearance conditions	Compliance Status as on 31/06/2017
i	Construction of the proposed structures should be undertaken meticulously confirming to the existing Central/ local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction design drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments / Agencies.	Status by KPL.



	protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bangalore and the State Pollution Control Board.	Management is about INR: 25,00,000 for Financial Year - 2017-2018.
xi	Full support should be extended to the officers of this Ministry's Regional office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	Full support will be extended to the officers of the Ministry's Regional office at Bangalore and the officer of the Central and SPCB by the project proponent during this inspection for monitoring purposes, by furnishing full details and action plans including the action plans including the action taken reports in respect if mitigative measures and other environmental protection activities.
xii	In case of deviation, or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.	Noted.
xiii	This Ministry reserve the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.	Noted.
xiv	This Ministry or any other component authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Noted.
xv	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at http://www.envfornic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the regional Office of this Ministry at Bangalore.	Status by KPL.
xvi	The Project proponents should inform the Regional Office at Bangalore as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.	Status by KPL.



Vide order no: 10-28/2005-IA-III dated: 24/12/2014

A. Specific Conditions:

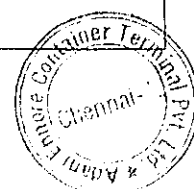
S.No	Environmental Clearance conditions	Compliance Status as on 31/06/2017
i	"Consent to Establish" for the present project, shall be obtained from State Pollution Control Board under Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act 1974.	Consent to Establish obtained by the KPL and Construction of AECTPL completed and obtained CTO vide letter no: T5/TNPCB/F.1305AMB/RL/AMB/W/2017 - dated: 28/06/2017 under the Air & Water Acts.
ii	Quality of Cargo should be handled in accordance with the details provided in the Form-I.	AECTPL will handle only containerized cargo only.
iii	All the recommendations and conditions stipulated by Tamil Nadu Coastal Zone Management Authority (TNCZMA) No. 30060/EC.3/2005-1 dated 06.12.2005 shall be complied with.	Status by KPL.
iv	All the conditions as prescribed in the earlier Clearance letter no. 10-28/2005-IA-III dated 19.05.2006 and 10.09.2007 shall be complied with.	Status by KPL.
v	All the recommendation of the EIA/EMP & Risk Assessment and Disaster Management Report shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in the matrix format and the compliance for each mitigation plan shall be submitted to MoEF & CC along with half yearly compliance report to MoEF&CC- RO.	Status by KPL.
vi	The commitment made by the proponent to the issue raised during Public Hearing shall be implemented by the Proponent.	Status by KPL.
vii	Corporate Environmental Responsibility: <ol style="list-style-type: none"> The Company shall have a well laid down Environmental Policy approved by the Board of Directors. The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished. To have proper checks and balances, the company shall have 	<ol style="list-style-type: none"> AECTPL having approved QHSE policy. AECTPL having approved SOPs. Status by KPL. Standard procedures are made available to address corrective & preventive the deviation and



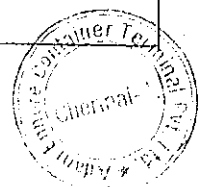
	a well laid down system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large.	violations.
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B. GENERAL CONDITIONS:

S.No	Environmental Clearance conditions	Compliance Status as on 31/06/2017
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Construction completed and terminal in operational.
ii	Full support shall be extended to the officers of the Ministry/Regional Office at Chennai by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Full support will be extended to the officers of the Ministry/Regional office at Chennai by the project proponent during this inspection for monitoring purposes, by furnishing full details and action plans including the action plans including the action taken reports in respect if mitigative measures and other environmental protection activities.
iii	A six-Monthly monitoring report shall be need to be submitted by the project proponents to the Regional Office of this Ministry at Chennai regarding the implementation of the stipulated conditions.	Status by KPL.
iv	Ministry of Environment, Forests & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the in the interest of environment and the same shall be complied with.	Noted for compliance.
v	The Ministry reserves the rights to revoke this clearance if any of the conditions stipulated are not complied with satisfaction of the Ministry.	Noted.
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change.	Noted.
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Noted.
viii	A copy of the clearance letter shall be marked to concerned Panchayat/ Local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	Status by KPL.



ix	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Provided separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
x	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	AECTPL allocated budget for Environment Management is about INR: 25,00,000 for Financial Year - 2017-2018.
5.	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted.
6.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, 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.	Noted.
7.	The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded Environmental and CRZ clearance and copies of clearance letters are available with the Tamil Nadu State Pollution Control Board and may also be seen at Website of the Ministry of Environment, Forests and Climate Change at http://www.envfornic.in . The advertisement should be made within Seven days from the date of issue of the clearance letter and a copy of the same should be forwarded to the regional Office of this Ministry at Chennai.	Status by KPL.
8.	The clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 20014 as may be applicable this project.	Noted.
9.	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, with a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.	Noted.
10.	Status of compliance to the various stipulated environment conditions and	Noted.



	environmental safeguards will be uploaded by the project proponent in its website.	
11.	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/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Status by KPL.
12.	The proponent shall upload the status of compliance of the stipulated Clearance 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.	Status by KPL.
13.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Status by KPL.
14.	The Environmental Statement for each financial year ending 31 st 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 Clearance conditions and shall also be sent to the respective Regional Office of MoEF & CC by email.	Will be complied.

