

# 100<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 11.04.2018

Time: 11.00 A.M.

Venue:

Conference Hall of the  
Environment and Forests Department,  
7<sup>th</sup> floor, Secretariat,  
Chennai - 600 009

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AGENDA ITEM NO.01: Confirmation of the minutes of the 99<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 16.03.2018.

The 99<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 16.03.2018 and the minutes were communicated in letter No. P1/1044/2015 dated 16.03.2018 (copy enclosed) of Director of Environment. It may be confirmed.

MINUTES OF THE 99<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 16.03.2018

AGENDA ITEM NO.01: Confirmation of the minutes of the 98<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.01.2018.

The minutes of the 98<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 25.01.2018 communicated in Letter No.P1/1044/2015 dated 09.02.2018 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 98<sup>th</sup> meeting of the Authority held on 25.01.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 98<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 25.01.2018.

AGENDA ITEM NO.03 : Proposed construction of Memorial for former Chief Minister of Tamil Nadu Selvi J. Jayalalithaa at S.No.3372, Kamarajar Salai, Chepauk, Chennai proposed by Public Works Department, Chepauk, Chennai

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Prior Planning permission should be obtained for the proposed constructions, from the local authorities/CMDA concerned. The proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of the solid wastes and the sewage generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- e) Green belt development shall be implemented as proposed in the proposal in consultation with Forest Department and should include the list of trees, shrubs and herbs to be planted.

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- f) The project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
- g) The project shall comply with the EMP suggested both during construction and operational phases.
- h) The Memorial building shall be designed and constructed in accordance to the seismic factors applicable to moderate intensity zone.
- i) The construction of the memorial building shall comply with the Construction and Demolition Waste Management Rules, 2016.

AGENDA ITEM NO. 04: Proposed establishment of New Lighthouse at Kutankuzhi in S.No.467/29, Thiruvambalapuram Village, Radhapuram Taluk, Tirunelveli district by the Director, Directorate of Lighthouses & Lightships, Chennai

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, subject to the following specific conditions:

- a) The Project Proponent should ascertain whether the project site falls in Erosion prone area from the National Centre for Sustainable Coastal Management (NCSCM), at Anna University Campus, and if so, the construction shall be avoided.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of the solid wastes and the sewage generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- e) All activities should be in conformity with the provisions of the CRZ Notification 2011.

AGENDA ITEM NO. 05 : Proposed construction of a park and shopping building in R.S.No. 599/4, Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district by the Tamil Nadu Tourism Development Corporation Limited.

The Authority resolved to Clear the proposal subject to the following specific conditions:

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- a) Prior Planning permission should be obtained for the proposed constructions, from the local authorities/ Department of Town and Country Planning concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (iii) of CRZ Notification 2011.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of the solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.06: Proposed construction of Fishermen Co-Operative Society Building at T.S.No.J-52 and 55, Colachel Town in Kalkulam Taluk, Kanyakumari district by the Secretary, Fishermen Co-Operative Society No.2677, Colachel, Kanyakumari district.

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Prior Planning permission should be obtained for the proposed constructions, from the Department of Town and Country Planning / Local Authorities concerned.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of the solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.07: Present status on the Preparation of Coastal Zone Management Plan for the Tamil Nadu

The Member Secretary, TNSCZMA explained the present status of the Preparation of Coastal Zone Management Plan (CZMP) for the Tamil Nadu to the Members.

2) The Chairman, TNSCZMA instructed the Member Secretary, TNSCZMA to ensure the preparation of draft CZMP, within the time frame, stipulated by the Hon'ble National Green Tribunal, Principal Bench at New Delhi., i.e., before 30<sup>th</sup> April 2018. The Chairman, TNSCZMA also requested the Member Secretary, to send D.O. letters to

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the District Collectors, concerned in this regard requesting them to complete the Public hearings, at the earliest.

3) The Authority resolved to permit the Member Secretary, TNSCZMA to incur the expenditure in respect of conducting the Public hearings including printing, taking multiple copies of maps and documents, transport charges, postage charges etc., besides payment of fees & other expenditures to the TNPCB from the EMAT account initially and to get reimbursed the amount to the EMAT from the TNSCZM Authority fund, subsequently.

AGENDA ITEM NO.08: Any other subjects with the permission of the Chair.

ADDL. AGENDA ITEM NO.01: Proposed "Defexpo India 2018" Exhibition at Thiruvandanthai Village, Tiruporur Taluk, Kancheepuram district by M/s. Hindustan Aeronautics Limited (HAL)., Bangalore.

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Only those temporary structures mentioned in the proposal and which are absolutely essential shall be constructed in CRZ area.
- b) After the event, the Project Proponent shall remove the temporary structures and all the waste generated and other materials and ensure that the original condition of the land is restored in CRZ.
- c) Strengthening of existing roads, if any, which fall in CRZ area shall be carried out, in such a way that the said roads, is useful to the fishermen and the local communities in future.
- d) No drawal of ground water in CRZ areas is permitted.
- e) The proposed activity, in CRZ, shall not cause hindrance to the fishing activities.

Sd/- dated 16.03.2018  
Thiru A.V. Venkatachalam., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

Sd/- dated 16.03.2018  
Thiru. Md. Nasimuddin, I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept., Chennai-9.

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AGENDA ITEM NO.02: The action taken on the decisions of 99<sup>th</sup> meeting of the Authority held on 16.03.2018

Sl. No	subject	Action taken
01	Proposed construction of Memorial for former Chief Minister of Tamil Nadu Selvi J. Jayalalithaa at S.No.3372, Kamarajar Salai, Chepauk, Chennai proposed by Public Works Department, Chepauk, Chennai	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/618/2018 dated 16.03.2018
02	Proposed establishment of New Lighthouse at Kutankuzhi in S.No.467/29, Thiruvambalapuram Village, Radhapuram Taluk, Tirunelveli district by the Director, Directorate of Lighthouses & Lightships, Chennai	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. R.C No.P1 /2894/2017 dated 20.03.2018
03	Proposed construction of a park and shopping building in R.S.No. 599/4, Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district by the Tamil Nadu Tourism Development Corporation Limited.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/278/2017 dated 20.03.2018
04	Proposed construction of Fishermen Co-Operative Society Building at T.S.No.J-52 and 55, Colachel Town in Kalkulam Taluk, Kanyakumari district by the Secretary, Fishermen Co-Operative Society No.2677, Colachel, Kanyakumari district.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2434/2017 dated 20.03.2018
05	Proposed "Defexpo India 2018" Exhibition at Thiruvidadanthal Village, Tiruporur Taluk, Kancheepuram district by M/s. Hindustan Aeronautics Limited (HAL)., Bangalore.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/510/2018 dated 16.03.2018



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AGENDA ITEM NO. 03: Development of Fishing Harbour at Vellapallam Village, Vedaranyam Taluk, Nagapattinam district by Asst. Director of Fisheries, Nagapattinam (South).

The District Environmental Engineer, Nagapattinam district has forwarded a proposal for the development of Fishing Harbour at Vellapallam Village, Vedaranyam Taluk, Nagapattinam district proposed by the Assistant Director of Fisheries, Nagapattinam for Clearance under CRZ Notification 2011.

2) Under the Project, the Fisheries Department has proposed to develop the existing fishing harbour with the following waterside and landside facilities:

1. Southern Break Water : 1400 Meter
2. Northern Break Water : 1100 Meter
3. Diaphragm Wall : 250 Meter

3) Besides the above, the project proponent has also proposed to establish viz., Auction Hall (A), Auction Hall (B), Net Mending Shed (2 Nos.), Gear Cloak Room (2 Nos.), Office Building, Genset Room, Security Room, Toilet Building (2 Nos.), Sewage Treatment Plant, Overhead Tank, Restaurant, Fishermen Rest Shed, Fresh Water Sump, Boat Repair Workshop etc.,

4) After the development of the Harbour, 1000 Nos of traditional crafts and 100 Nos., of Mechanized Boats will be operated and the fishing harbour will be handling 25-30 tonnes per day. The Basin and the approach channel have been proposed for dredging depth upto -3.0 mts CD and the dredging materials will be used for reclamation.

5) The total project cost is Rs.152 crore and the proposed area of the project site in land area is 3.00 Hec and Sea side is 21.20 Hec. The DCZMA of Nagapattinam has recommended the proposal for Clearance. The project site is falling in CRZ-I, III and IV as per the HTL demarcation of Institute of Remote Sensing, Anna University.

6) The proposal was placed before the 97<sup>th</sup> TNSCZMA meeting held on 29.11.2017 and the Authority have requested the following additional details from the Fisheries Department.

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- a) The Proposed 2 break-waters for fishing harbour at Vellapallam are likely to affect the coastal process especially the dynamics of silt movement between kodikkarai and the Vellapallam, as the silt on shore bed is washed during the southwest monsoon are transported southwards during the following southerly drift period. The silt transported southwards may supply silt to the creek systems southward and enrich the mangroves. Further the coast is accreting in nature. The proposed backwater may prevent or alter the silt balance of the coast affecting the mud flats and mangroves which are the ecologically sensitive. It is necessary to estimate the likely silt loss to Vedaranyam and Muthupet creeks using field measurements and simulation studies for the sub-cell 13 A (between Kodikkarai and Karaikal harbor south) sub-cell 12 C (Kodikkarai to north of Agniar river) and the revised proposal to be submitted considering the impact of backwaters on silt budget of the above two sub-cell areas with remedial measures.
- b) Robust overall ecological assessment should be done. The assessment should be on habitat approach such as the bird population, sacred groves etc., covering at-least 10 kms radius from the project site.

7) Accordingly, the Fisheries Department have furnished replies to the above items as requested by the TNSCZMA and the same is enclosed herewith.

8) However, in Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT have issued instructions to prepare a Comprehensive Shoreline Protection Management Plan / Scheme for the entire coast of Tamil Nadu especially with reference to the erection of Groynes, sea walls and training walls etc., and hence the said works should be carried out on the approval of the said plan from the competent authority. The TNSCZMA has prepared Comprehensive Shoreline Protection Management Plan by engaging IIT, Madras and the copies of the said plan have been submitted to the MoEF & CC, Govt. of India for the approval and the Hon'ble NGT (SZ).

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9) Further the Hon'ble NGT (SZ) have issued orders in application 4 of 2013 on 4<sup>th</sup> September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal.

10) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities. Further, the construction of harbour is a permissible activity vide para 4 (i) (f) of the said notification 2011. However, the said activities require clearance from SEI AA, vide para 4.2 (ii) (c) of CRZ Notification 2011 as the handling capacity of the Fishing Harbour is more than 10,000 MTPA.

11) The Authority may consider.

AGENDA ITEM NO.04: Deepening the Harbour Basin and Approach Channel to handle 15.20mts draught vessels, modification of Port Entrance, construction of 6 Nos of Berths and strengthening /upgradation of existing berths 1 to 9, NCB-I and NCB-II at VOC Port, Mullakkadu Part 1 village, Thoothukudi Taluk, Thoothukudi district.

The V.O. Chidambaranar Port, Thoothukudi have proposed to Deepen the Harbour Basin and Approach Channel to handle 15.20mts draught vessels, modification of Port Entrance, construction of 6 Nos of Berths and strengthening /upgradation of existing berths 1 to 9, NCB-I and NCB-II at VOC Port, Mullakkadu Part 1 village, Thoothukudi Taluk, Thoothukudi district for Clearance under CRZ Notification 2011.

2) The VOC Port is an artificial deep-sea harbour and the breakwater of the port is made up of rubble mound type parallel to each other extending about 4km into the sea and having new port with 14 cargo berths and an old anchorage Port. The present cargo handling capacity of VOC Port is 46.78 Million Tonnes. In order to improve the cargo handling capacity, the VOC Port is proposed to increase the draught from existing 12.80 mts to 15.20 mts to handle vessels of LOA (Length Over All) upto 367mts., to facilitate handling of fully laden Panamax vessels upto 85000T to 90000T for dry bulk/general cargo and Very Large Container Carriers upto 14000 TEUs capacity.

3) The proposal involve dredging, construction of Breakwater/ Rubble Protection Bund for reclamation, strengthening of Existing Berths and providing navigational aids. The dock basin and the approach channel will be dredged upto a depth of (-)16.50 mts and (-) 17.20mts respectively. The present length of the approach channel 3.80 km will be increased upto a length of 10.35 km, where the natural depth available to (-) 17.20mts. The width of the port entrance will be increased from the present 153mts to a width of 230mts to cater safe entry of large size vessels. Further it is proposed to construct 6 numbers of berths in the inner harbor and strengthening /up-gradation of the existing berths 1 to 9, NCB-I and NCB -II for handling Coal, construction materials, General Cargoes, Container and Clean Cargoes.

4) The MoEF&CC.,GoI have issued ToR for the above activities, vide letter No. F-10-89/2016-I A-III dated 05.06.2017.

5) The District Coastal Zone Management Authority for Thoothukudi district have recommended the Project for Clearance by indicating that the project site falls in CRZ-I (B) inter tidal Zone, CRZ-II and CRZ-IV area. The Total Project cost is 5720 Crores.

6) The National Centre for Sustainable Coastal Management (NCSCM) have furnished a map showing that the above project area is not an high eroding stretch.

7) As per CRZ Notification 2011, vide para 3 (i) (a), the foreshore facilities for the activities and operations of ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, lighthouses, navigational safety facilities, coastal police stations and the like are permissible activities. Further vide para 3 (iv) Land reclamation, bunding or disturbing the natural course of seawater are permissible activities for the setting up, construction or modernisation or expansion of foreshore facilities like ports, harbours, jetties etc., However the above activities require Clearance from the MoEF&CC., GoI vide para 4 (ii) (a) of the CRZ Notification 2011. It may be verified whether this comes under the proposed Eco Sensitive Zone.

6) The Authority may consider.

AGENDA ITEM NO. 05: Proposed Additional Ammonia Storage Tank (20,000 Tonnes) adjacent to the existing Ammonia Importation Terminal in VOC Port with existing Right of Way for Pipelines by M/s. Greenstar Fertilizers Limited, Thoothukudi.

M/s. Greenstar Fertilizers Limited, Thoothukudi have proposed to construct an Additional Ammonia Storage Tank (20,000 Tonnes) adjacent to the existing Ammonia Importation Terminal in VOC Port with existing Right of Way for Pipelines.

2) M/s. Greenstar Fertilizers Limited, Thoothukudi acquired the Phosphatic business of SPI C, through a business transfer during October 2011 and accordingly the Di-Ammonium Phosphate (DAP), aluminium fluoride, SSP units, sulphuric acid and phosphoric acid units came under Greenstar fold. At present the production of DAP/Complex is 6,06,100 Tonnes per Annum (TPA) and on expansion, the production will be for additional 6,00,000 TPA. The unloaded refrigerated Ammonia from the ship is stored in one 10,000 Tonnes refrigerated Ammonia Tank having the diameter of 36 m and is of a double walled construction.

3) Under the proposal, the Project Proponent proposed to establish an additional 20,000 Tonnes Ammonia Storage Tank of 40m dia and 28.5 m height near the existing Ammonia Importation Terminal in the VOC Port located in plot No. 5H of VOC Harbour Estate, Mullakkadu Part-1 village, Thoothukudi and the total area allotted by the VOC port is 1.028 acres. A discharge line of 6" dia for about 30mts length will be added additionally to connect with the existing 4" cross country pipeline. Other existing Pipelines will be connected to the proposed Ammonia Tank. The existing machineries & instruments like Ammonia Compressors, air compressors etc., at the existing Terminal will be utilized for the new facility. Also, there will not be any additional Man Power requirement. The additional Ammonia storage is proposed with no water demand, sewage/effluent treatment.

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4) The District Coastal Zone Management Authority for Thoothukudi district have recommended the Project for Clearance by indicating that the project site falls in CRZ-II area. The Total Project cost is 24.50 Crores.

5) As per the CRZ Notification 2011, vide para 8 (i) II CRZ II (vi) storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports is permissible activity. Further vide para 3 (ii) (b) of the said notification, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted, except in CRZ-I eco-sensitive areas.

6) The Authority may consider.

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AGENDA ITEM NO.06: Application for Regularization of unapproved Plot due to sub-division at R.S. No. 97 (97/1 part, 97/34 part, 97/86, 97/87 part), Block No.17 of Nungambakkam village, Egmore-Nungambakkam Taluk, Chennai district.

Tmt. A.H. Fahima, Vadapalani, Chennai has submitted an application for the regularization of unapproved plot No.4 (part), Subbarao Avenue 2<sup>nd</sup> Street, Nungambakkam, Chennai at R.S. No.97 (97/1 part, 97/34 part, 97/86, 97/87 part) Block No.17 of Nungambakkam village, Egmore-Nungambakkam Taluk, Chennai district, for clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The sisters Tmt. A.H. Mazia and Tmt. A.H. Fahima have sub-divided their property, into two, by Partition Deed and Mrs. A.H. Mazia has retained 15,444 sq.ft., at her share and requested for regularization of her sub-divided property. Mrs. A.H. Mazia has retained 12,981 sq.ft. at her share, for which the TNSCZMA have consented for regularization in the 98<sup>th</sup> meeting held on 25.01.2018.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16<sup>th</sup> June 2015 as para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level" and reconstruction shall be allowed vide para 8 II CRZ-II (iii) of CRZ Notification 2011.

5) The Authority may consider.

AGENDA ITEM NO.07: Any other subjects with the permission of the Chair.

Sd. /- xxxx

Thiru A.V. Venkatachalam, I.F.S.,  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

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Thiru. Md. Nasimuddin, I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept., Chennai-9.



MINUTES OF THE 100<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 11.04.2018

AGENDA ITEM NO.01: Confirmation of the minutes of the 99<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 16.03.2018.

The minutes of the 99<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 16.03.2018 and communicated in Letter No.P1/1044/2015 dated 16.03.2018 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 99<sup>th</sup> meeting of the Authority held on 16.03.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 99<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 16.03.2018.

Both the Member Secretary and the Chairman of the TNSCZMA have recalled the memories of the decisions taken by the present Authority and thanked all the members of the present constitution of the TNSCZMA for the valuable views, suggestions, opinions, expertise & technical inputs offered by the Members of the Authority during their tenure.

AGENDA ITEM NO.03: Development of Fishing Harbour at Vellapallam Village, Vedaranyam Taluk, Nagapattinam district proposed by Asst. Director of Fisheries, Nagapattinam (South).

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) The break waters and the Diaphragm Wall should be constructed as per the design provided in the Project Report.
- b) Only those structures mentioned in the proposal and which are absolutely essential for the construction of the above Fish Landing Centre shall be constructed.
- c) Shoreline evolution should be monitored periodically through the reputed institutions. Remedial measures need to be planned to prevent the erosion, if any, on the adjacent coastal areas.

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- d) It should be ensured that there is no adverse impact on the coastal eco-system and on the marine organisms. The impact on the corals, marine organisms, Turtle nestings etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included.
- e) A proper plan for segregation at source shall be implemented duly segregating the solid wastes (Bio-degradable / non-degradable etc.,) generated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose off the biodegradable waste. Further, other solid waste such as plastics may be collected and disposed for re-use.
- f) The Fishermen community shall be adequately educated on the segregation of solid waste for proper handling and management.
- g) No drawal of ground water in CRZ areas is permitted.
- h) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.
- i) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities.
- j) The Fisheries Department should furnish a factual report on the status of break waters, once in three months and should monitor the impacts regularly along with the livelihood of fishermen and the overall eco-system due to the above activity. The Fisheries Department should provide sufficient allocation of funds for monitoring and maintenance of the groins at-least for 5 years, initially.
- k) Prior Clearance under EI A Notification 2006 should be obtained from the SEI AA.
- l) Fish waste should not be thrown into the sea and an appropriate management of fish waste should be evolved and maintained.
- m) Green belt development shall be created as a natural forest, in consultations with the Department of Environment / Forest Department, with appropriate, native, evergreen species of trees, shrubs and herbs.
- n) Management Committees and Co-Management Committees having representatives from the local community shall be formed for the effective and the aesthetic maintenance of the Fish Landing Center.

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- o) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4<sup>th</sup> September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groynes until further orders from the Tribunal. Hence, the shore protection work on the coast of Tamil Nadu should be carried out as per the final orders of the Tribunal in the above said application.

AGENDA ITEM NO.04: Deepening the Harbour Basin and Approach Channel to handle 15.20mts draught vessels, modification of Port Entrance, construction of 6 Nos of Berths and strengthening /upgradation of existing berths 1 to 9, NCB-I and NCB-II at VOC Port, Mullakkadu Part 1 Village, Thoothukudi Taluk, Thoothukudi district.

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, GoI subject to the following specific conditions:

- a) Only those structures, as envisaged in the proposal and which are absolutely essential for the construction of the above Fish Landing Centre shall be constructed.
- b) Shoreline evolution should be monitored periodically through the reputed institutions. Remedial measures need to be planned to prevent the erosion, if any, on the adjacent coastal areas.
- c) It should be ensured that there is no adverse impact on the coastal eco-system and on the marine organisms. The impact on the corals, marine organisms, Turtle nestings etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included.
- d) A proper plan for segregation at source shall be implemented duly segregating the solid wastes (Bio-degradable / non-degradable etc.) generated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose off the biodegradable waste. Further, other solid waste such as plastics may be collected and disposed for re-use.
- e) No drawal of ground water in CRZ areas is permitted.
- f) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.

.4.

- g) A continuous Proper air quality monitoring should be undertaken around the project area to implement the corrective, mitigation measures immediately on noticing of any adverse impact.
- h) The Continuous Air Quality Monitoring System of the Port should be linked with the "Care Centre" of Tamil Nadu Pollution Control Board at Chennai for effective monitoring.
- i) Necessary measures should be taken to control the noise level within the prescribed standard levels.
- j) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities.
- k) Prior Clearance under EI A Notification 2006 should be obtained.
- l) Statutory Clearances, if any, required from the Forest Department / Tamil Nadu Pollution Control Board should be obtained, prior to the commencement of the activities.
- m) Green belt development shall be created as a natural forest, in consultation with the Department of Environment / Forest Department, with appropriate, native, evergreen species of trees, shrubs and herbs.

AGENDA ITEM NO.05: Additional Ammonia Storage Tank (20,000 Tonnes) adjacent to the existing Ammonia Importation Terminal in VOC Port with existing Right of Way for Pipelines proposed by M/s. Greenstar Fertilizers Limited, Thoothukudi.

The Authority resolved to Clear the proposal subject to the following specific conditions:

- a) The construction of storage tanks shall satisfy the prescribed standard norms.
- b) Necessary safety mechanisms should be properly implemented to avoid leakages and to mitigate the adverse impacts, on the event of any accident.
- c) Appropriate facility should be created for the collection of solid and liquid waste, if any, and their safe disposal should be ensured at the storage location, as well as transit points.
- d) There should not be any extraction of ground water in CRZ.
- e) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.

.5.

- f) The project activity should not affect the coastal ecosystem including the marine flora and fauna. As the project area is located close to the ecologically sensitive area, the activities under Corporate Social Responsibility should be focused more towards preserving the ecology.
- g) Green belt development shall be created as a natural forest, in consultation with the Department of Environment /Forest Department, with appropriate, native, evergreen species of trees, shrubs and herbs.

AGENDA ITEM NO.06: Application for Regularization of unapproved Plot due to sub-division at R.S. No. 97 (97/1 part, 97/34 part, 97/86, 97/87 part), Block No.17 of Nungambakkam village, Egmore-Nungambakkam Taluk, Chennai district.

The Authority resolved to regularize the unapproved plot, due to sub-division, subject to the following specific conditions:

- a) Approval for the Sub-Division should be obtained duly from the CMDA / Corporation of Chennai concerned.
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) (ii) & (iii) of CRZ Notification 2011. The FSI /FAR should be as on 19.02.1991.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

Sd./- xxxxx  
Thiru A.V. Venkatachalam., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

Sd./- xxxxx  
Thiru. Md. Nasimuddin, I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept., Chennai-9.