

# 92<sup>nd</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

**Date:** 21.12.2016

**Time:** 11.00 a.m.

**Venue:**

Chamber of the Principal Secretary to  
Government,  
Environment and Forests Department,  
7<sup>th</sup> floor, Secretariat,  
Chennai - 600 009

## INDEX

Agenda No.	Description	Page No.
01	Confirmation of the minutes of the 91 <sup>st</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 24.10.2016.	01
02	The action taken on the decisions of 91 <sup>st</sup> meeting of the Authority held on 24.10.2016.	10
03	Proposed construction of 60 MLD desalination plant at Alanthalai in Keela Tiruchendur Village, Thoothukudi district proposed by TWAD Board.	12
04	Proposed construction of 60 MLD desalination plant at Kuthiraimozhi Village, Kadaladi Taluk, Ramanathapuram district proposed by TWAD Board.	13
05	Construction of 45 MLD TTRO Plant at Kodungaiyur by CMWSSB, Discharge of reject to Buckingham Canal, laying of conveying main along berm of Buckingham Canal an conveying main crossing over pipe carrying bridge along Ennore Creek	14
06	Proposed Tank Farm in Chennai Port for Lubricant / Base oil (Liquid Cargo) handling (2,00,000 Tonnes/ Annum-both Import & Export) over an Extent of 15,120 sq.m at Eastern side of E1 Ware House, Area IV, Chennai Port proposed by M/s. Raj Petro Specialities Pvt., Ltd.	16
07	Proposed residential project at S.No. 281/1B1A1, 282/4, 5,6,7. 283/2A1, 2B, 2C,2D of Kandhanchavadi, Kottivakkam village, Sholiganallur Taluk, Kancheepuram district proposed jointly by M/s. Perungudi Developers Private Limited., M/s.Pioneer Software Park Private Limited., Madras Township Developers Pvt., Ltd.,	17
08	Any other issues with the permission of the Chair.	18

**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -  
92<sup>nd</sup> MEETING**

**Date & Time:**

**21.12.2016 - 11.00 a.m.**

**Venue: Chamber of the Principal Secretary to  
Government,  
Environment and Forests Department.,  
7<sup>th</sup> floor, Secretariat,  
Chennai- 600 009.**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 91<sup>st</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority held  
on 24.10.2016.**

The 91<sup>st</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 24.10.2016 and the minutes were communicated in letter no. P1/1044/2015 dated 01.11.2016 (Copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 91<sup>ST</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 24.10.2016**

**AGENDA ITEM NO.01:** Confirmation of the Minutes of the 90<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 03.08.2016 and the circulation agenda dated 04.10.2016.

The minutes of the 90<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 03.08.2016 communicated in Letter No.P1/1044/2015 dated 06.08.2016 of the Director of Environment and the circulation agenda & minutes dated 04.10.2016 were confirmed.

**AGENDA ITEM NO.02:** Report on the follow up action taken in respect of decisions taken during the 90<sup>th</sup> meeting of the TNSCZMA and on the circulation agenda dated 04.10.2016.

The Member Secretary briefed the members about the action taken by the Department of Environment on the decisions taken during the 90<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 03.08.2016 and also on the circulation agenda dated 04.10.2016.

**AGENDA ITEM NO:03** Setting up of Eco-Park at Bharathy Nagar, Ward-47, Zone IV, Tondiarpet Village, in R.S. No. 1844/2 part, (New R.S. No. 1844/15 part), Tondiarpet Taluk, Chennai district proposed by the Greater Chennai Corporation.

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

- a) The park should be developed with eco-friendly construction materials without using excessive cement, steel etc.,
- b) Periodical monitoring to maintain the good quality of water in ponds should be ensured.
- c) The applicant should manage the sewerage with adequate facilities and obtain permission from CMWSSB for the discharge of domestic sewage generated from the proposed bio-toilet into sewer line.

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- d) The applicant shall ensure that adequate garland drains are provided in the Eco park area to ensure that the storm water run off reaches Buckingham canal without any water stagnation/flooding in the area during rains.
- e) The applicant shall develop eco park with native trees/ shrubs in consultation with Forest Department.
- f) The applicant shall ensure that Solid waste generated shall be collected and disposed off scientifically without any accumulation. The park should be maintained as plastic free park.
- g) Eco-guards shall be created.
- h) Proper parking facilities should be created and the details should be furnished.
- i) Sufficient funds should be provided for the maintenance of the Park especially for the recurring expenditure for waste management.

**AGENDA ITEM NO:04 Proposed construction of whole sale fish market at s.F. No. 3, of Kottur Village, Ward 175, Zone-XIII, Block No. 24, Guindy Taluk, Chennai district proposed by the Greater Chennai Corporation.**

The Authority resolved, in principle, agreed the proposal subject to the production of following further details from the Greater Chennai Corporation.

- a) Necessity for the construction of whole sale fish market at the above project site should be furnished.
- b) Traffic Management/ feasibility study on the traffic congestion in and around the project site should be furnished.
- c) Stake holder consultation especially with the Fisheries Department, Transport Department, etc., should be conducted, in a couple of days and the proposals should address the views/ suggestions emerged during the consultations.
- d) Details on the Fish waste management, Aesthetics, Noise Pollution control, prevention of possible dumping of fish waste into the Adyar river should be furnished.

**AGENDA ITEM NO.05: Reconstruction and modernization of Mallipattinam Fishing Harbour at Kallivaiyal village, Pattukottai Taluk, Thanjavur district proposed by Fisheries Department.**

The Authority resolved to exempt Fisheries Department from obtaining Environment Clearance from SEIAA as the Fisheries Department has deleted the construction of breakwater/groyne in the modified project components and the proposed Dredging (quantity of sediment 2,60,000m<sup>3</sup> ) within the existing harbor is for maintenance purpose to keep the existing depth.

**AGENDA ITEM NO:06 Establishment of diesel bunk at S.No. 246/1, Cuddalore Port, Cuddalore proposed by the Tamil Nadu State Apex Fisheries Co-operative Federation Ltd.,(TAFCOFED), Chennai**

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

- a) The safety necessity and other guidelines prescribed by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas, Petroleum Explosives Safety Organization (PESO) shall be strictly implemented.
- b) The Designing and construction of petrol bunk shall comply with the prescribed / stipulated standards specifications.
- c) The **TAFCOFED** should formulate an oil spill disaster management plan.
- d) The Fire Hazard, if any, should be handled as indicated in the proposal and all the equipments and facilities should be established as proposed.

**AGENDA ITEM NO:07 Construction of High Level Bridge at O/4 of Chennai Pulicat Road to Pasiyavaram including farming of approaches proposed by Highways Department.**

As part of the project location is falling in CRZ-I ecologically sensitive area, the Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

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- a) The size of bridge be restricted to the present essential requirement of the inhabitants in the above ecologically sensitive area.
- b) An exclusive report on the extent of obstruction of free flow of water in the Pulicat lake due to the construction of the bridge should be undertaken.
- c) A detailed report factoring bird sanctuary should be undertaken.

**AGENDA ITEM NO.08: Proposed laying of pipeline for the transfer of Edible oil from Chennai Port to storage terminal and establishment of storage transit terminal at No.18/19, New Ennore Express High Road, Thiruvottiyur, Chennai 600 019 proposed by M/s. KTV Oil Mills Private Ltd, Chennai.**

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a) The applicant should furnish justification for the creation of transit terminal and also on the usage of the capacity.
- b) The applicant should produce a copy of license issued by the Competent Authority evidencing the project site is falling in custom notified area.
- c) Status report on the complaints and on the application at NGT against the activities.
- d) The construction of storage tanks shall satisfy the prescribed standard norms.
- e) The transit tanks should be used for the transit of edible oil and Non hazardous substances only.
- f) 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 and as well as transit points.
- g) The applicant should utilize the tanks as transit terminals.
- h) The applicant should have adequate storage facility outside CRZ area for the storage of edible oil handled.
- i) The applicant shall obtain consents under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- j) The unit shall ensure the integrity of pipeline proposed for the transport of edible oil from Chennai Port to the transit terminal to ensure any leak.

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- k) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- l) There should not be any extraction of ground water in CRZ.
- m) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- n) Under Corporate Social Responsibility, explore the possibilities of allocation of more funds for preserving ecology and environment.

**AGENDA ITEM NO.09: Proposed Nursery & Barbed Wire Fencing of the Site at Survey Nos. parts of 367, 369, 397, 398 & 399 of Kottaikuppam Village, Vanur Taluk, Villupuram District, TN proposed by Sai Nalam Gardens, Thirumudi Sethuraman Nagar, Puducherry-605 011.**

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

- a) Sufficient space should be provided as cattle path behind the project site, for cattle and herd to travel.
- b) Live fencing should be done after the barbed fencing.
- c) Other constructions, if any, in the project site should be carried out only with the prior approval under CRZ Notification 2011 from the competent authorities.

**AGENDA ITEM NO.10: Construction of Urban Police Station at S.No. 214/1, Keela Tiruchendur village, Tiruchendur taluk, Thoothukudi district proposed by Inspector of Police, Tiruchendur Police Station, Tiruchendur, Thoothukudi district.**

As the project site is falling on the landward side of the existing authorized structures in CRZ-II, the Authority resolved to clear the proposal subject to the following specific conditions:

- a) The proposed constructions should conform to the local town and country planning regulations as modified from time to time (i.e., as on date) except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.



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- b) Planning permission should be obtained for the proposed constructions from the local authorities concerned.
- c) Construction should be carried out only for the accommodation of Police station and there should not be any other purpose such as residential quarters, guest houses etc.,
- d) The police station should be a "green building" by providing solar lighting, water conservation measures, green live fencing, green belt etc.,
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- f) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

**AGENDA ITEM NO.11: Construction of a Marine Police Station at S.F.No. 141, Sadurangapattinam village, Thirukazhukundram taluk, Kancheepuram district proposed by the Superintendent of Police, Coastal Security Group, Nagapattinam.**

As the construction of coastal police station and the like are declared as "foreshore facilities' under CRZ Notification 2011, the Authority resolved to clear the proposal subject to the following specific conditions:

- The proposed constructions should conform to the local town and country planning regulations.
- a) Planning permission should be obtained for the proposed constructions from the local authorities concerned.
  - b) Construction should be carried out only for the accommodation of Police station and there should not be any other purpose such as residential quarters, guest houses etc.,
  - c) The police station should be a "green building" by providing solar lighting, water conservation measures, green live fencing, green belt etc.,
  - 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.

**AGENDA ITEM NO:12: Construction of Ice Plant at S.No. 628/7A1, Kanyakumari village, Agastheeswaram taluk, Kanyakumari district proposed by Thiru R. Thanumoorthy., Nagercoil.**

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

- a) The details of proposed facilities exclusively for the workers shall be provided.
- b) Constructing the Ice plant should be of "green building" concept by providing solar lighting, water conservation measures, green live fencing, green belt etc.,
- c) The unit shall ensure the adequate safety precautions are provided for handling ammonia in the proposed ice plant.
- 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.
- f) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.

**AGENDA ITEM NO:13 Proposed sub-division of residential property at Old S.No. 234 New S.Nos. 234/1A/1A/1A/1A/1A2, 234/58, 234/73 (plot nos. 72,69,68C & 68B) of Kottivakkam village, Sholinganallur taluk, Kancheepuram district proposed by Thiru A. Amarnath & others.**

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

- a) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- b) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

**AGENDA ITEM NO.14** Construction of Hospital at S.No. 293/1A1, Kottivakkam village, Chennai and bearing No. 110, Rajiv Gandhi Salai (OMR Road), Nehru Nagar, Kottivakkam, Chennai 600 041 proposed by M/s Iswarya Health Care.

The Authority resolved to re-iterate to the CMDA to follow approved CZMP maps to take action on the CRZ issues as communicated in Roc. No. P1/2017/2014 dated 11.08.2016.

Sd/-xxxxx  
Dr. H. Malleshappa., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

SD/-xxxxx  
Thiru Atulya Misra., I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept., Chennai-9.

**AGENDA ITEM NO.02: The action taken on the decisions of 91<sup>st</sup> meeting of the Authority held on 24.10.2016.**

Sl. No	subject	Action taken
01	Setting up of Eco-Park at Bharathy Nagar, Ward-47, Zone IV, Tondiarpet Village, in R.S. No. 1844/2 part, (New R.S. No. 1844/15 part), Tondiarpet Taluk, Chennai district proposed by the Greater Chennai Corporation.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1593/2016 dated 07.11.2016.
02	Proposed construction of whole sale fish market at s.F. No. 3, of Kottur Village, Ward 175, Zone-XIII, Block No. 24, Guindy Taluk, Chennai district proposed by the Greater Chennai Corporation.	As resolved further details have been requested from the Greater Chennai Corporation in letter No. P1/597/2016 dated 01.11.2016 and the subject is placed before the Authority under Agenda item No.03.
03	Reconstruction and modernization of Mallipattinam Fishing Harbour at Kallivaiyal village, Pattukottai Taluk, Thanjavur district proposed by Fisheries Department.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/007/2014 dated 04.11.2016.
04	Establishment of diesel bunk at S.No. 246/1, Cuddalore Port, Cuddalore proposed by the Tamil Nadu State Apex Fisheries Co-operative Federation limited, Chennai	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/329/2016 dated 03.11.2016.
05	Construction of High Level Bridge at O/4 of Chennai Pulicat Road to Pasiyavaram including farming of approaches proposed by Highways Department	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. RoC. No. P1/1639/2016 dated 17.11.2016.
06	Proposed laying of pipeline for the transfer of Edible oil from Chennai Port to storage terminal and establishment of storage transit terminal at No.18/19, New Ennore Express High Road, Thiruvottiyur, Chennai 600 019 proposed by M/s. KTV Oil Mills Private Ltd, Chennai.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1543/2016 dated 09.11.2016.

07	Proposed Nursery & Barbed Wire Fencing of the Site at Survey Nos. parts of 367, 369, 397, 398 & 399 of Kottaikuppam Village, Vanur Taluk, Villupuram District, TN proposed by Sai Nalam Gardens, Thirumudi Sethuraman Nagar, Puducherry-605 011.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/419/2016 dated 03.11.2106.
08	Construction of Urban Police Station at S.No. 214/1, Keela Tiruchendur village, Tiruchendur taluk, Thoothukudi district proposed by Inspector of Police, Tiruchendur Police Sation, Tiruchendur, Thoothukudi district.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/516/2016 dated 03.11.2016.
09	Construction of a Marine Police Station at S.F.No. 141, Sadurangapattinam Village, Thirukazhukundram taluk, Kancheepuram district proposed by the Superintendent of Police, Coastal Security Group, Nagapatinam.	As resolved clarification has been issued to CMDA Proc. No. P1/169/2016 dated 03.11.2016.
10	Construction of Ice Plant at S.No. 628/7A1, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru R. Thanumoorthy., Nagercoil.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1154/2016 dated 03.11.2016.
11	Proposed sub-division of residential property at Old S.No. 234 New S.Nos. 234/1A/1A/1A/1A/1A/1A2, 234/58, 234/73 (plot nos. 72,69,68C & 68B) of Kottivakkam village, sholinganallur Taluk, Kancheepuram district proposed by Thiru A. Amarnath & others.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1710/2016 dated 03.11.2016.
12	Construction of Hospital at S.No. 293/1A1, Kottivakkam village, Chennai and bearing No. 110, Rajiv Gandhi Salai (OMR Road), Nehru Nagar, Kottivakkam, Chennai 600 041 proposed by M/s Iswarya Health Care	As resolved Clarification under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2077/2014 dated 07.11.2016.

**AGENDA ITEM NO.03: Proposed construction of 60 MLD desalination plant at Alanthalai in Keela Tiruchendur Village, Thoothukudi district proposed by TWAD Board**

The District Coastal Zone Management Authority for Thoothukudi has forwarded proposal for the 60 MLD capacity Desalination Plant at Alanthalai village, Keela Thiruchendur Taluk, Thoothukudi district proposed by TWAD Board with the recommendation for clearance under CRZ Notification 2011.

2) As per the application, the total sea water requirement is approximately 180.24 MLD. This water will be drawn from sea by gravity piping system. The intake flow is 154.8 MLD and the system is designed for 180.24 MLD (Demand 70MLD). 10% additional capacity considering the biological growth and intake pipe shall be designed for flow of 199.364 MLD. The intake conduit is 1500mm (ID) diameter and will be laid at a distance of 2450 mts into the sea. The estimated quantity of reject from the desalination plant is 93.87 MLD at the concentration of 64815 ppm. The outfall conduit is of 1200 mm diameter and will be laid at a distance of 1200m into the sea at 3.8m CD water depth. The maximum design flow is of 119.618 MLD with a velocity of 1.45m/s. The total estimated power requirement of 234 MW shall be provided by T\NEB. The applicant proposed to construct ancillary infrastructure facilities like sea water intake sump, pump house, administration building, canteen, parking facility etc.

3) The proposed desalination plant is falling in CRZ-III, the intake and outfall pipelines are falling in CRZ-III, CRZ-I B (inter tidal zone) and CRZ-IV water area. The said water area in Gulf of Mannar is designated as Critically Vulnerable Coastal Areas (CVCA). The total project cost is Rs. 680 crores. The total area of the project is 154950 sq.mt. The pre- feasibility study with reference to the marine component has been prepared by the Indomer Coastal Hydraulics (P) Ltd., Chennai.

4) As per CRZ Notification 2011, the construction of desalination plant is permissible activity vide paras 8 (i) I CRZ I (ii) (d)., 8 (i) III CRZ III A (iii) (h)., and para 4 (i) (a). However the said activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI vide para 4 (ii) (h) of CRZ Notification 2011.

5) The Authority may consider.

**AGENDA ITEM NO.04: Proposed construction of 60 MLD desalination plant at Kuthiraimozhi Village, Kadaladi Taluk, Ramanathapuram district proposed by TWAD Board.**

The District Coastal Zone Management Authority for Ramanathapuram has forwarded proposal for the 60 MLD capacity Desalination Plant at Kuthiraimozhi Village, Kadaladi Taluk, Ramanathapuram district proposed by TWAD Board with the recommendation for clearance under CRZ Notification 2011.

2) As per the application, the total sea water requirement is approximately 180.24 MLD. This water will be drawn from sea by gravity piping system. The intake flow is 154.8 MLD and the system is designed for 180.24 MLD (Demand 70MLD). 10% additional capacity considering the biological growth and intake pipe shall be designed for flow of 199.364 MLD. The intake conduit is 1500mm (ID) diameter and will be laid at a distance of 2700mts into the sea. The estimated quantity of reject from the desalination plant is 93.87 MLD at the concentration of 64815 ppm. The outfall conduit is of 1200 mm diameter and will be laid at a distance of 1000m into the sea at 5.8m CD water depth. The maximum design flow is of 119.618 MLD with a velocity of 1.45m/s. The total estimated power requirement of 234 MW shall be provided by TNEB. The applicant proposed to construct ancillary infrastructure facilities like sea water intake sump, pump house, administration building, canteen, parking facility etc.

3) The proposed desalination plant project area is falling partly in CRZ- III and partly outside CRZ areas. The intake and outfall pipelines are falling in CRZ-III, CRZ-I B (inter tidal zone) and CRZ-IV water area. The said water area in Gulf of Mannar is designated as Critically Vulnerable Coastal Areas (CVCA). The total project cost is Rs. 675 crores. The total area of the project is 27.315 acres. The pre-feasibility study with reference to the marine component has been prepared by Indomer Coastal Hydraulics (P)Ltd., Chennai.

4) As per CRZ Notification 2011, the construction of desalination plant is permissible activity vide paras 8 (i) I CRZ I (ii) (d)., 8 (i) III CRZ III A (iii) (h)., and para 4 (i) (a). However the said activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI vide para 4 (ii) (h) of CRZ Notification 2011.

5) The Authority may consider.

.14.

**AGENDA ITEM NO.05: Proposed discharge of reject to Buckingham Canal, laying of conveying main along berm of Buckingham Canal and conveying main crossing over pipe carrying bridge along Ennore Creek with reference to the 45 MLD tertiary treatment reverse osmosis plant at kodugaiyur proposed by CMWSSB - reconsideration regarding.**

The Superintending Engineer (WWT&R), CMWSSB, Chennai has submitted a proposal for the proposed laying of conveying pipeline along the berm of Buckingham Canal road and crossing over the bridge along Ennore Creek for clearance under CRZ Notification 2011. The CMWSSB has proposed the above facilities for the supply of tertiary treated sewage water for the industries in Manali area from the proposed tertiary treatment reverse osmosis plant of capacity of 45MLD at Kodungaiyur and discharge of R.O. rejects into Buckingham Canal through existing earthen channel. The length of the conveying mains is 28.50km. The pipeline passes through Sattangadu, Manali, Tiruottiyur, Ernavur, Kattivakkam, Ennore, Puzhuthivakkam, Kattupalli villages. The size of the conveying main varies from 300mm to 800mm. The 800mm dia pipeline will be provided for a length of 19km, 600mm dia pipeline will be provided for a length of 7km and 300 mm conveying main for a length of 2.5 km for distributing the Tertiary Treatment Reverse Osmosis (TTRO) water to industries. The CMWSSB has indicated that the treated water through the Ultra Filtration system, will be supplied to the industries, power plants and institutions in Manali-Minjur corridor, Manali Ennore Corridor in North Chennai. The rejects and backwash effluent from the Ultra filtration system will be blended and disposed into Buckingham Canal.

2) The total project cost is Rs.255 crores. The project areas are falling in CRZ-I (inter tidal zone), CRZ-II (in CMDA areas), CRZ-III (outside CMDA areas) and CRZ - IV (water area at Ennore creek). Discharge of untreated waste and effluents from industries, cities or towns and other human settlements in CRZ is only prohibited activity as per para 3 (vi) of CRZ Notification 2011. However the above activities require clearance from the Ministry of Environment, Forests and Climate Change as per para 4 (ii) (d) of CRZ Notification 2011.



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5) The subject was placed before the 88<sup>th</sup> meeting of the State Coastal Zone Management Authority held on 15.02.2016 and the Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India and accordingly proposals have been sent to GoI for consideration.

6) However the Expert Appraisal Committee (EAC) for projects related to Infrastructure development, CRZ and Miscellaneous Projects in the meeting held on 29-30 August 2016, indicated the following points:

a) Title of the project is quite confusing and does not reflect the actual project and the core components involved therein.

b) NoC from the TNPCB to be produced.

c) All the documents as per the CRZ Notification to be produced.

d) The proposal involving discharge of rejects to Buckingham canal needs to be examined vis-à-vis the National Water Policy 2012 which focuses on water conservation practices. There are to be explored first based on cost benefit analysis and other techno-economic consideration.

7) The TNSCZMA has asked the applicant for its restructuring and desired that the TNSCZMA may examine the proposal in its entirety after examining all the required documents.

8) The applicant has furnished the revised proposals in their letter dated 04.11.2016 and a copy of the same is enclosed.

9) The Authority may consider.

**AGENDA ITEM NO.06:** Proposed Tank Farm in Chennai Port for Lubricant / Base oil (Liquid Cargo) handling (2,00,000 Tonnes/ Annum-both Import & Export) over an Extent of 15,120 sq.m at Eastern side of E1 Ware House, Area IV, Chennai Port proposed by M/s. Raj Petro Specialities Pvt., Ltd.

The District Coastal Zone Management Authority for CMDA areas has recommended a proposal for the construction proposed Tank Farm in Chennai Port for Lubricant / Base oil (Liquid Cargo) handling (2,00,000 Tonnes/ Annum-both Import & Export) over an Extent of 15,120 sq.m at Eastern side of E1 Ware House, Area IV, Chennai Port proposed by M/s. Raj Petro Specialities Pvt., Ltd., for Clearance under CRZ Notification 2011.

2) Under the proposal it is proposed to construct 16 storage tanks of various capacity and dimensions to the extent of 50000 Tonnes storage capacity (maximum). The epicoated MS tanks, with diameter from 10m to 18m and height from 18m to 20m from ground level., will be with fixed roof. The liquid bulk will be directly pumped from the ship to storage tanks through 10" pipeline at the rate of 300 cu.m/hr., and subsequently to their Manali plant through Road Tankers. The finished product from the plant will also be exported through the facility ie., stored in the tanks and pumped to the ship through the pipeline. The total liquid cargo handling both import and export at the facility will be 2,00,000 tonnes / annum.

3) The project site is falling in CRZ-II and the cost of the project is Rs.9.60 crores. The DCZMA for CMDA ares recommended the project.

4) As per the CRZ Notification 2011, vide para 3 (i) (a); 3 (ii) (b) and 8 (i) II CRZ II (iv), the above activities are permissible activities and require clearance from the TNSCZMA.

5) The Authority may consider.

**AGENDA ITEM NO.07:** Proposed residential project at S.No. 281/1B1A1, 282/4, 5,6,7. 283/2A1, 2B, 2C,2D of Kandhanchavadi, Kottivakkam village, Sholiganallur Taluk, Kancheepuram district proposed jointly by M/s. Perungudi Developers Private Limited., M/s.Pioneer Software Park Private Limited., Madras Township Developers Pvt., Ltd.,

The District Coastal Zone Management Authority for CMDA areas has recommended a proposal for the proposed residential development at S.No. 281/1B1A1, 282/4, 5,6,7. 283/2A1, 2B, 2C,2D of Kandhanchavadi, Kottivakkam village, Sholiganallur Taluk, Kancheepuram district proposed jointly by M/s. Perungudi Developers Private Limited., M/s.Pioneer Software Park Private Limited., Madras Township Developers Pvt., Ltd., for clearance under CRZ Notification 2011.

2) Under the proposal the applicant proposed to construct a total built up area of 127529.425 sq.t., consists of three towers with tower -1 of 2 basements with stilt + 36 floors, Tower 2 of 2 basements with stilt + 16 floors, Tower 3 of 2 basement + stilt + 16 floors with 570 numbers of dwelling units. The total plot area is 30288.16 sqm. Land area falling in CRZ is 7728.66 sqm., and in Non-CRZ area is 22559.50 sqm. The Green area at 20% is 6057.63 sqm. The total project cost is CRZ area is 18 crores. The total number of car parking proposed is for 670 cars against the required 517 numbers as per CMDA norms and the also proposed to provide space for 200 two wheelers as per CMDA norms. The total water requirement will be 421 KLD and out of which the 265 KLD will be the fresh water. The total disposal of waste water through CMWSSB proposed is 174 KLD after reusing the 330 KLD of treated water. It is proposed to treat the bio-degradable waste of 1.07 tons/day through Organic Waste Converter and used as manure for gardening. The Non bio degradable waste of 0.72 tons/ day will be sent to authorized recyclers or local bodies for disposal. The project site is falling partly in CRZ - II within 100mts from the Buckingham Canal.

.18.

3) As per CRZ Notification 2011, vide para 8 II CRZ II (ii) and as per the amendment issued by MoEF&CC., 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 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.

4) The Authority may consider.

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

Sd./- xxxxxx

Dr. H. Malleshappa., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

Sd./- xxxxxx

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

**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -  
92<sup>nd</sup> MEETING**

**Date & Time:** 21.12.2016 - 11.00 a.m.  
**Venue:** Chamber of the Principal Secretary to Government,  
Environment and Forests Department.,  
7<sup>th</sup> floor, Secretariat,  
Chennai- 600 009.

**ADDL. AGENDA ITEM NO.01:** Proposed reconstruction of commercial building at R.S. No. 27/6 of Block No.4 and R.S. No. 31/1, Block No. 5 of Nungambakkam Village, Egmore Taluk, Chennai proposed by M/s. Prestige Estates Projects Ltd., Bangalore.

The District Coastal Zone Management Authority for CMDA areas has recommended a proposal for the proposed reconstruction of commercial building at R.S. No. 27/6 of Block No.4 and R.S. No. 31/1, Block No. 5 of Nungambakkam Village, Egmore Taluk, Chennai proposed by M/s. Prestige Estates Projects Ltd., Bangalore for clearance under CRZ Notification 2011.

2) Under the proposal the applicant proposed to construct a total built up area of 35,511 sq.mt., in the total plot area of 9,619 sq.mt., consists of two blocks with Block -1 of 2 basements with Ground + 9 floors and Block - 2 of 2 basements with Ground + 8 floors. Land area falling in CRZ is 4,486 sqm., and in Non-CRZ area is 5,133 sqm. The Block 1 is falling in Non-CRZ area and the Block 2 is falling in CRZ area.

3) The Green belt area is 1914 sqm. The total project cost is CRZ area is 37.36 crores. The total water requirement will be 162 KLD and out of which the 56 KLD will be the fresh water. The total waste water generation is estimated to be 112 KLD and a sewage treatment of 120 KLD capacity is proposed to treat the waste water completely. The treated sewage is proposed to be recycled for flushing and gardening requirements. The fresh water source would be CMWSSB. It is proposed to segregate solid waste into bio-degradable and Non-bio degradable and the Non-bio degradable waste will be disposed through the recyclers.

4) The applicant has furnished details/ documents on the minutes of the DCZMA for CMDA areas and the same are enclosed.

.02.

5) As per CRZ Notification 2011, vide para 8 II CRZ II (iii) reconstruction of authorized building to be permitted subject to the existing Floor Space Index or Floor Area Ratio Norms (as on 19.02.1991) and without change in present use;

6) The Authority may consider.

Sd/-xxx

Dr. H. Malleshappa., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

Sd/-xxx

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

**MINUTES OF THE 92<sup>nd</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 21.12.2016**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 91<sup>st</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 24.10.2016 and the circulation agenda dated 30.11.2016.**

The minutes of the 91<sup>st</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 24.10.2016 communicated in Letter No.P1/1044/2015 dated 01.11.2016 of the Director of Environment was confirmed.

**AGENDA ITEM NO.02: Report on the follow up action taken in respect of decisions taken during the 91<sup>st</sup> meeting of the TNSCZMA.**

The Member Secretary briefed the members about the action taken by the Department of Environment on the decisions taken during the 91<sup>st</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 24.10.2016.

**AGENDA ITEM NO:03 Proposed construction of 60 MLD desalination plant at Alanthalai in Keela Tiruchendur Village, Thoothukudi district proposed by TWAD Board.**

**&**

**AGENDA ITEM NO:04 Proposed construction of 60 MLD desalination plant at Kuthiraimozhi Village, Kadaladi Taluk, Ramanathapuram district proposed by TWAD Board.**

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a) Characteristics of outlet reject, sludge, backwash should be under close and continuous monitoring with reference to quality parameters and also turbidity levels as the depth is very shallow, so as to take mitigation measures on the event of any adverse implications.
- b) Impact of chemicals (used for cleaning of membrane of RO plant) in the R.O. reject (brine) on the marine organisms shall be closely monitored so as to take remedial action on the event of any adverse impact.

.2.

- c) A feasibility study on the flora shall be prepared. Further a detailed conservation plan should be evolved to cover one third of project area as green belt with native, salt tolerant species and the plan should be validated by the District Forest Officers or any appropriate University / Institutions.
- d) The Project should not in any way affect the fishing activities and also should not hinder.
- e) NOC from Tamil Nadu Pollution Control Board should be obtained prior to the commencement of the project.

**AGENDA ITEM NO.05: Proposed discharge of reject to Buckingham Canal, laying of conveying main along berm of Buckingham Canal an conveying main crossing over pipe carrying bridge along Ennore Creek with reference to the 45 MLD tertiary treatment reverse osmosis plant at kodugaiyur proposed by CMWSSB - reconsideration regarding.**

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a) The treated sewage water shall be re-utilized for further beneficial use to the maximum extent and the surplus water and effluent from treatment may be discharged into the rivers after achieving the PCB standards.
- b) The stilts or pillars should be erected across the Ennore creek without affecting the hydraulic flow of water.
- c) Necessary approval from the Indian Waterways Authority should be obtained specifically with reference to the design, height, soffit level etc. of the bridge.
- d) NOC from the PWD should be obtained prior to the commencement of the project.
- e) Legal impediments, if any, shall be verified with the Hon'ble Courts and a legal opinion shall be obtained with reference to the project from the Government Pleader.
- f) There shall be no extraction of ground water.
- g) No liquid or solid waste shall be generated and disposed off in CRZ.
- h) No blasting activities in CRZ are permissible.



.3.

- i) Proper arrangements should be made for the disposal of solid wastes generated in the project area then and there.

**AGENDA ITEM NO:06 Proposed Tank Farm in Chennai Port for Lubricant / Base oil (Liquid Cargo) handling (2,00,000 Tonnes/ Annum-both Import & Export) over an Extent of 15,120 sq.m at Eastern side of E1 Ware House, Area IV, Chennai Port proposed by M/s. Raj Petro Specialities Pvt., Ltd.**

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

- a) The construction of storage tanks shall satisfy the prescribed standard norms.
- b) The transit tanks should be used for the transit of edible oil and Non hazardous substances only.
- 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 and as well as transit points.
- d) The applicant shall obtain consents under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- e) Training and mock drills should be given to the employees to handle emergencies/ accidents, if any, duly.
- f) There should not be any extraction of ground water in CRZ.
- g) The unit should take care of sanitation facilities to the workers/ employees at the site.
- h) Under Corporate Social Responsibility, explore the possibilities of allocation of more funds for preserving ecology and environment.
- i) Further a detailed conservation plan should be evolved for green belt with native, salt tolerant species and the plan should be validated by the District Forest Officers or any connected University / Institutions.
- j) The unit should ensure proper disposal of bottom sludge in the tanks.

**AGENDA ITEM NO:07** Proposed residential project at S.No. 281/1B1A1, 282/4, 5,6,7. 283/2A1, 2B, 2C,2D of Kandhanchavadi, Kottivakkam village, Sholiganallur Taluk, Kancheepuram district proposed jointly by M/s. Perungudi Developers Private Limited., M/s.Pioneer Software Park Private Limited., Madras Township Developers Pvt., Ltd.,

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

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority. Premium FSI is not permissible in CRZ areas.
- b) Consent for Establishment from Tamil Nadu Pollution Control Board and Environmental Clearance under EIA Notification 2006 shall be obtained.
- c) The structural engineering of the proposed constructions shall be designed to withstand in the event of earth quakes.
- d) A report on the continuous running of STP and its maintenance, the persons/ agents who are responsible for same for the project should be furnished. The waste water/ sewage should not be let into the nearby Buckingham canal and there should not be any ground water extraction in CRZ.
- e) A specific report on the designs, with dimensions, for dual plumbing should be furnished and the CMDA should verify its proper installation before issuing completion certificate and the CMDA should monitor its functioning. There should not be any de-watering during execution and hence planning permission should be accorded for the basements after ascertaining the depth of the water table of the project site from the competent authority.
- f) Green Energy initiatives with reference to the project should be furnished.
- g) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose and non bio-degradable waste management plan should be evolved and furnished. Further, E-waste management plan covering the collection and disposal should be furnished.

.5.

- h) Green belt development shall be implemented and native species shall be identified for plantation and furnish the green belt plan indicating the numbers of trees, duly validated by the District Forest Officers or any connected University / Institutions.
- i) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

**AGENDA ITEM NO:08 Proposed construction of whole sale fish market at s.F. No. 3, of Kottur Village, Ward 175, Zone-XIII, Block No. 24, Guindy Taluk, Chennai district proposed by the Greater Chennai Corporation.**

The Authority resolved to permit the Member Secretary, TNSCZMA to re-submit the proposal after obtaining all the documents/ details, sought for by the Members of the Authority, such as reclassification approval, traffic police approval, recommendations of the stakeholders, suggestions of Fisheries Department etc., duly from the Greater Chennai Corporation for consideration.

**ADDL. AGENDA ITEM NO.01: Proposed reconstruction of commercial building at R.S. No. 27/6 of Block No.4 and R.S. No. 31/1, Block No. 5 of Nungambakkam Village, Egmore Taluk, Chennai proposed by M/s. Prestige Estates Projects Ltd., Bangalore.**

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

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority. Premium FSI is not permissible in CRZ areas.
- b) Consent for Establishment from Tamil Nadu Pollution Control Board and Environmental Clearance under EIA Notification 2006 shall be obtained.
- c) The structural engineering of the proposed constructions shall be designed to withstand in the event of earth quakes.

.6.

- d) A report on the continuous running of STP and its maintenance, the persons/ agents who are responsible for same for the project should be furnished. The waste water/ sewage should not be let into the nearby Cooum River and there should not be any ground water extraction in CRZ.
- e) A specific report on the designs, with dimensions, for dual plumping should be furnished and the CMDA should verify its proper installation before issuing completion certificate and the CMDA should monitor its functioning. There should not be any de-watering during execution and hence planning permission should be accorded for the basements after ascertaining the depth of the water table of the project site from the competent authority.
- f) Green Energy initiatives with reference to the project should be furnished.
- g) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose and non bio-degradable waste management plan should be evolved and furnished. Further, E-waste management plan covering the collection and disposal should be furnished.
- h) Green belt development shall be implemented and native species shall be identified for plantation and furnish the green belt plan indicating the numbers of trees, duly validated by the District Forest Officers or any connected University / Institutions.
- i) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

Sd./- xxxxx

Dr. H. Malleshappa., I.F.S.  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment,  
Chennai - 15.

Sd./- xxxxx

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