

# 93<sup>rd</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 27.02.2017

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

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THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -  
93<sup>rd</sup> MEETING

Date & Time: 27.02.2017 - 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 92<sup>nd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority held  
on 21.12.2016.

The 92<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was  
held on 21.12.2016 and the minutes were communicated in letter no. P1/1044/2015 dated  
27.12.2016 (Copy enclosed) of Director of Environment. It may be confirmed.

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.

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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.

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- 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.

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- 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 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.

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- 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.



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- 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.

AGENDA ITEM NO.02: The action taken on the decisions of 92<sup>nd</sup> meeting of the Authority held on 21.12.2016.

Sl. No	subject	Action taken
01	Proposed construction of 60 MLD desalination plant at Alanthalai in Keela Tiruchendur Village, Thoothukudi district proposed by TWAD Board.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/1834/2015 dated 02.01.2017.
02	Proposed construction of 60 MLD desalination plant at Kuthiraimozhi Village, Kadaladi Taluk, Ramanathapuram district proposed by TWAD Board.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/1714/2015 dated 02.01.2017.
03	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 and conveying main crossing over pipe carrying bridge along Ennore Creek	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/1833/2015 dated 02.01.2017.
04	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.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2099/2016 dated 29.12.2016.
05	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.,	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2232/2016 dated 12.01.2017.
06	Proposed construction of whole sale fish market at s.F. No. 3, of Kottur Village, Ward 175, Zone-XI II, Block No. 24, Guindy Taluk, Chennai district proposed by the Greater Chennai Corporation.	As resolved, further details have been called for from the Greater Chennai Corporation in letter No. P1/597/2016 dated 29.12.2016.
07.	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	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2327/2016 dated 12.01.2016.

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AGENDA ITEM NO.03: Ennore Port Expansion proposal – Request for consideration of proposed modification of existing Iron Ore terminal to handle coal – Re-issue of NOC incorporating the modification under CRZ Notification 2011 – Regarding.

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The Ministry of Environment, Forests and Climate Change, Government of India, has issued Clearance vide Ir. No. 10-28/2005-IA-III dated 19.05.2006, for the following activities associated with the capital dredging of 15.50 million cubic meters, proposed by Kamarajar Port Limited, Chennai, based on the recommendation of the Tamil Nadu State Coastal Zone Management Authority in the 35<sup>th</sup> meeting held on 26.10.2005 subject to several conditions.

- (i) an iron-ore berth to handle 12 million metric tons annually (MTPA)
- (ii) a coal berth to handle 8 MTPA
- (iii) a container terminal to handle 3 MTPA and (which was subsequently modified to handle 18 MTPA vide Ir. No. 10-28/2005-IA-III dated 10.09.2007 of Ministry of Environment, Forests and Climate Change)
- (iv) a marine liquid terminal to handle about 3 MTPA of liquid cargo comprising of LPG, POL products and chemicals such as Benzene, Styrene and LAB etc.

2) The Kamarajar Port Limited, Chennai has requested to modify the existing Clearance to the effect to permit Kamarajar Port to handle common user coal instead of Iron Ore at the Iron Ore Terminal of 12 MTPA capacity.

3) In this connection it is informed that the Ministry of Environment, Forests and Climate Change, GoI (MoEF&CC, GoI) vide para "B.GENERAL CONDITIONS: (xiv) of letter No. 10-28/2005-IA-III dated 19<sup>th</sup> May 2006, indicated that a fresh reference should be made to MoEF&CC, GoI, for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. Also, in the ToR F. No. 10-28/2005-IA-III (pt.) dated 28<sup>th</sup> January 2016, the MoECF&CC., GoI have requested the recommendation of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) on the proposal.

The Authority may consider.

AGENDA ITEM NO.04: Proposed construction of Tuna Fishing Harbour of fish handling capacity of 69000 TPA at Thiruvottiyur Kuppam , Ennore, Tiruvallur District proposed by Fisheries Department.

The Assistant Director of Fisheries, Tiruvallur at Ponneri, Tiruvallur District has submitted a proposal seeking Clearance under CRZ Notification 2011, for the construction of Tuna Fishing Harbour of fish handling capacity of 69000 TPA at Thiruvottiyur Kuppam , Ennore, Tiruvallur District.

2) The following are the main facilities proposed in the fishing Harbour as per the EIA Report.

- i) Breakwaters - Northern break water 852 m and Southern Break water 1088 m.
- ii) Dredging and disposal (2,00,000 cum)
- iii) Reclamation and leveling
- iv) Quays (RCC bored pile) for MFVs 730 m
- v) Quays (RCC bored pile) for FRPs 110 m
- vi) Internal road within the harbor complex
- vii) Fish Handling and auction hall for MFVs (1273 sq.m)
- viii) Tuna Fish Handling and Packing Hall (1200 sq.m)
- ix) Fish Handling and auction hall for FRP boats (258 sq.m)
- x) Fishery Administrative office 163 sq.mt.

2) Further the following allied facilities such as fishermen gear sheds, mending sheds, rest sheds, boat repair shop, restaurant, dormitory, security/guard house, radio communication tower, public toilet, water supply facilities, pump house, drainage and sewerage including effluent treatment plant, storm water drains, etc.,

3) The DCZMA for CMDA areas resolved to recommend the above project to the Tamil Nadu State Coastal Zone Management Authority subject to the following conditions:

- a) The unit shall comply with the recommendation as stated in the Marine Impact Study Report and Disaster Management Report as conducted by Centre for Environment, Health and Safety, Faculty of Engineering & Technology, Annamalai University.

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- b) Evidence, based on the erosion study conducted by the National Centre for Sustainable Coastal Management (NCSCM) should be produced, confirming that the project site is not falling in the High Eroding Coast. (the applicant furnished the information)
- c) The unit shall ensure that adequate safety precautions are provided for the ammonia storage / handling area in the proposed ice plant. Also, automatic water sprinkler arrangement shall be installed to ensure water spraying in the event when the concentration of ammonia exceeds work place environment.
- d) The unit shall utilize the dredged sand to reclaim land for establishing the landside infrastructure.
- e) The unit shall not generate trade effluent at any stage of the fish packing facility.
- f) The unit shall provide ETP of adequate capacity for the combined treatment of sewage and effluent proposed from vessel washing from dining hall, fish box cleaning, etc. and the treated effluent shall be utilized for gardening.
- g) The unit shall ensure that the R.O. rejects generated from desalination plant is let into sea at a distance recommended from competent authority to ensure no marine impact is created due to discharge of R.O. rejects.
- h) The solid waste generated in the premises shall be disposed scientifically.
- i) The unit shall establish the facility only after obtaining CRZ clearance and Consent to Establish of the Board.

4) As per CRZ Notification 2011, the site is falling in CRZ-II, CRZ-I (B)(inter-tidal zone), CRZ-IV. The total project cost is Rs.240 crores.

5) 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 construction of harbor is permissible activity vide para 4 (i) (f) of the said notification 2011. However, the said activities require clearance from the SEIAA vide para 4.2 (ii) (a) of CRZ Notification 2011.

- 6) The Authority may consider.

AGENDA ITEM NO.05: Proposed construction of six groynes at Mondaikaduputhur, Kalkulam taluk, Kanyakumari district proposed by Public Works Department.

The District Coastal Zone Management Authority for Kanyakumari District has recommended a proposal for the proposed construction of six groynes at Mondaikaduputhur, Kalkulam taluk, Kanyakumari district proposed by the Antisea Erosion Division of PWD., Nagercoil for Clearance under CRZ Notification 2011.

2) Under the project the PWD proposed to construct six groynes as shoreline protection structures along 850 mts of coastal stretch at the interval of around 150mts. Two groynes, each of 60mts length, two groynes, each of 63 mts length and two groynes, each of 90mts length will be constructed perpendicular to the sea shore. The design of Sea Protection Structures (SPC) was made by the team led by Dr. Sudaravadivelu, Department of Ocean Engineering, IIT-M. The project site is falling in CRZ-IV and CRZ-IB (inter-tidal zone). The project cost is Rs.7.82 crores.

3) The EIA studies indicated that the groyne field was planned and designed strategically to address the immediate requirement for erosion prevention and sea inundation, based on the model studies on coastal hydro dynamics viz., bathmetry, wave climate and sediment transport. The Rock mound structures are designed suitably for rock size, fact slope, crest elevation and crest depth and the EIA studies indicated that the Rock or Rubble Mound Groynes has more advantages with simple construction and long term durability and ability to negotiate higher energy or currents due to the high permeability and ability to negotiate higher energy or currents due to the high permeability factor.

4) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; and vide para 4 (i) (f) and vide 8 I CRZ-I (ii) (b) of the said Notification, construction of groynes and erosion control measures, respectively, are permissible activities.

5) 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 issued instructions to prepare a Comprehensive Shoreline Protection Management Plan / Scheme for the entire

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coast of Tamil Nadu especially with reference to 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 has been submitted to MoEF&CC., GoI for approval and also to Hon'ble NGT (SZ) for further orders and are awaited.

6) Further the Hon'ble NGT (SZ) has 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.

7) The Authority may consider.

AGENDA ITEM NO.06: Conversion of Overhead line into underground cabling in Cuddalore Town (Cuddalore new town, Vandipalayam, Manjakuppam, Sellankuppam, Alpettai, Suthukulam, Pentisia), Cuddalore district proposed by the Superintending Engineer, TANGEDCO, Cuddalore.

The District Coastal Zone Management Authority for Cuddalore District has recommended a proposal for the Conversion of Overhead line into underground cabling in Cuddalore Town (Cuddalore new town, Vandipalayam, Manjakuppam, Sellankuppam, Alpettai, Suthukulam, Pentisia), Cuddalore district proposed by the Superintending Engineer, TANGEDCO, Cuddalore, for Clearance under CRZ Notification 2011.

2) The project involves conversion work of 22KV OH line system to UG cable system in Cuddalore town with three different packages viz., Manjakuppam, Vandipalayam in one package, Cuddalore new town and Sellankuppam areas in one package and Alpettai, Suthukulam and Pentesia areas under third package. The proposed length the project conversion is 198.44 km. Out of which 21.946 kms. length is falling in CRZ in CRZ-II and CRZ-III. The total cost of the project is Rs. 389 crore.

3) The EIA report stated that the HT line, LT line, Service cables, street light cables will be placed in the trenches placed on the foot path side of the road. The EIA report indicated that the UG cable trenches are flexible structures and can be aligned by slight alteration of the route to safe guard the standing trees of 47 numbers within 5 meters distance at 12 locations. The dismantling of the existing overhead network with wastes materials such as transformers, conductors, poles etc will be reused in a different project area and the evacuated earth while laying the electrical cables will be reused for backfilling and compaction of the UG cable trenches.

3) As per the CRZ Notification 2011, vide para 4(ii) (d) the above activities are permissible activities and require clearance from the Ministry of Environment, Forests and Climate Change, GOI .

4) The Authority may consider.



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AGENDA ITEM No.7: 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 Superintending Engineer, Buildings Department, Greater Chennai Corporation has submitted a proposal for the 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 at a cost of Rs. 7.92 crores. Total area of the site area is 9,834 sq.m., and the built up area of the building proposed is 3,130 sq.mt.

2) In respect of the above proposal, among other things, the Commissioner of Fisheries and Member of TNSCZMA, has opined as follows:

- Evidence need to be provided, for the existence of a fish market in the project site.
- The National Fisheries Development Board provides guidelines in order to undertake fisheries projects especially fish markets in an uniform pattern and the above said project is not in conformity with the above guidelines.
- The plan of the market is not as per the actual requirement for 70 shops.
- The project will lead to congestion, inability to maintain hygienic conditions.
- The project site is falling in the heart of the residential area, schools, hospitals, MRTS railway station and the existing road facility has been planned for light traffic and the unpleasant odour will create hygienic environment.
- Operation of the fish market requires a day long process.
- The adjacent water body will be a source of immediate contamination to the perishable fish and will become an easy dumping spot of the fish waste.
- As per CMDA Detailed Development Plan, the project site is earmarked as open space recreational use zone and hence the wholesale fish market is a non-permissible activity.

3) In view of above the Commissioner of Fisheries and Member of TNSCZMA, has opined that an alternative site on the outskirts of Chennai may be selected for the above project.

4) The Authority may consider.

AGENDA ITEM NO.08: Proposed sub-division of residential property at S.No. 92/A, 92/238A & 92, Sea View Avenue, Kapaleeswarar Nagar, Neelankarai, Kancheepuram district proposed by Thiru A. Pradeep, Neelankarai

Thiru A. Pradeep, Neelankarai has submitted an application for the sub-division of his property at S.No.92/A, 92/238A & 92, Sea View Avenue, Kapaleeswarar Nagar, Neelankarai, Kancheepuram for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide his property of 1199.95 sq.m., into two plots of sizes viz., 470.15 sq.m., and 540.80 sq.mt., The proposal involves a formation of 4.80 m wide passage with the area of 189 sq.mt., for approach. The site is falling on the landward side of the 4<sup>th</sup> South Main Road, Kapaleeswarar Nagar, Neelankarai, Kancheepuram district.

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 16th 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".

5) The Authority may consider.

AGENDA ITEM NO.09: Any other issues with the permission of the Chair.

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.

MINUTES OF THE 93<sup>rd</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 27.02.2017

AGENDA ITEM NO.01: Confirmation of the Minutes of the 92<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.12.2016.

The minutes of the 92<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 21.12.2016 communicated in Letter No.P1/1044/2015 dated 27.12.2016 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 92<sup>nd</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 92<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 21.12.2016.

AGENDA ITEM NO:03: Ennore Port Expansion proposal – Request for consideration of proposed modification of existing Iron Ore terminal to handle coal – Re-issue of NOC incorporating the modification under CRZ Notification 2011 – 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 Port should explore the possibility of setting up of a desalination plant and to avoid rely upon the Chennai Metro Water Supply and Sewerage Board.
- b) No drawl of ground water in CRZ areas.
- c) The changes in the stacking system shall be made based on the realistic assessment.
- d) Sufficient allocation should be made under CSR activities, for the Environmental related activities such as Eco-restoration of wetlands, increasing tree cover, conservation of eco-system for marine plants and animals which are under threat of degradation and destruction.
- e) Marine Environment assessment should be done through a reputed agency and the report should be shared with the Department of Environment.

AGENDA ITEM NO.04: Proposed construction of Tuna Fishing Harbour of fish handling capacity of 69000 TPA at Thiruvottiyur Kuppam , Ennore, Tiruvallur District proposed by Fisheries Department.

The Authority resolved to clear the proposal subject to the following specific conditions in addition to the conditions indicted by the District Coastal Zone Management Authority for CMDA areas.

- a) It should be ensured that there should not be any adverse impact on coastal ecosystem due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- b) The design of breakwaters should be based on the bathymetry and modeling studies.
- c) Shoreline evolution should be monitored periodically through reputed institutions and remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas due to the construction of breakwaters. Only those facilities which are integral to the Fishing Harbour shall be provided in CRZ areas and those which are not integral to may be located outside the CRZ areas.
- d) A detailed report on the details of solid waste (Bio-degradable / non- degradable etc..) generated and a proper plan for segregation at source shall be formulated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose the biodegradable waste. Further other solid waste such as plastics may be collected and disposed for re-use. The local body may also be involved in the above task.
- e) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- f) Hygiene should be given priority and well maintained toilets should be provided.
- g) Specific areas for Office buildings and Fishermen Associations should be earmarked and no encroachments should be allowed in future for outsiders/ associations.
- h) Action shall be taken for the setting up of a Police Station, well in advance.

.3.

- i) Adequate parking facilities shall be provided.
- j) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.
- k) Proper monitoring and management system to be prepared for handling Ammonia in the Ice Plants.
- l) The activity should not have any adverse impact on the marine organisms. The impact on the corals, marine organisms, Turtle nesting 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.
- m) Afforestation - garden to the fishermen in the Harbour area shall be taken in consultation with the Forests Department.
- n) No drawal of ground water in CRZ areas is permitted.
- o) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities.
- p) Clearance under EIA Notification 2006 should be obtained from the SEIAA.

AGENDA ITEM NO.05: Proposed construction of six groynes at Mondaikaduputhur, Kalkulam taluk, Kanyakumari district proposed by Public Works Department.

The Authority resolved to approve the proposal subject to the following specific conditions.

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) The impact on the corals, marine organisms, Turtle nesting 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) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.

.4.

- e) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities. Nourishment of sand dunes shall be focused.
- f) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tuticorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- g) Clearance under EIA Notification 2006 should be obtained from the SEIAA.
- h) 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 groyne until further orders from the Tribunal. Hence 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.06: Conversion of Overhead line into underground cabling in Cuddalore Town (Cuddalore new town, Vandipalayam, Manjakuppam, Sellankuppam, Alpettai, Suthukulam, Pentisia), Cuddalore district proposed by the Superintending Engineer, TANGEDCO, Cuddalore.

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

- a) The work shall be carried out, initially through trial pits/ trenches on a pilot scale and after analyzing the pros and cons, the work shall be executed without any adverse impact on the coastal eco-system.
- b) The cutting of trees shall be avoided at the maximum extent and sufficient seedlings should be planted newly, where ever possible in the project site and ensure their growth.

.5.

- c) The dismantling of the existing overhead network with wastes materials such as transformers, conductors, poles etc should be reused in a different project areas and the evacuated earth while laying the electrical cables should be reused for backfilling and compaction of the UG cable trenches, as assured in the EIA reports.

AGENDA ITEM NO:07 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 request the Greater Chennai Corporation to select an alternative site, on the outskirts of Chennai, for the above project, in consultation with the Fisheries Department.

AGENDA ITEM NO.08: Proposed sub-division of residential property at S.No. 92/A, 92/238A & 92, Sea View Avenue, Kapaleeswarar Nagar, Neelankarai, Kancheepuram district proposed by Thiru A. Pradeep, Neelankarai

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.
- c) Prior Planning Permission shall be obtained from the Competent Authorities, if any development/ constructions is proposed, in the project site.

AGENDA ITEM NO.09: Any other issues with the permission of the Chair.

The Member Secretary, TNSCZMA has briefed about the collision of ships at the Ennore Port Area and consequences of the said accidents especially on the oil spillage in the sea. He narrated the action taken by the Environment and Forests Department along with Department of Environment, TNPCB and other stakeholders.

.6.

Further, the Member Secretary informed to the Authority, that the Government has been requested to form a Committee comprising with the experts and environmentalists, to assess Environmental impact both long term and short run on the consequent of collision of two ship at Ennore Port Area and also to frame remedial measures and the orders of Government will be issued shortly.

During the discussions, the Authority agreed to utilize the expertise of Dr. Nehru Kumar Vaithilingam, Member of TNSCZMA, who has been nominated as a Member in the Committee constituted by the NGT to assess the impact of cargo oil and coal along the Mumbai coast due to the sunken ship MV RAK.

Sd/-xxx  
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Member Secretary, TNSCZMA &  
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Chennai - 15.

Sd/-xxx  
Thiru Atulya Misra., I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
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