

102nd MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 27.09.2018

Time: 03.00 P.M.

Venue:

Conference Hall, 2nd floor, Namakkal
Kavinger Maligai, Secretariat,
Chennai - 600 009

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THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -

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Time: 03.00 P.M.

Venue:

**Conference Hall 2nd floor,
Namakkal Kavinger Maligai,
Secretariat, Chennai - 600 009**

AGENDA ITEM NO.01: Confirmation of the minutes of the 101st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.08.2018.

The 101st meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 10.08.2018 and the minutes were communicated in letter No. P1/1044/2015 dated 23.08.2018 (copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 101ST MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 10.08.2018**

As the 101st meeting of the Authority was the first meeting of the newly re-constituted Authority, both the Member Secretary and the Chairman of the TNSCZMA welcomed all especially the new members. The Member Secretary also introduced the new members to the Authority.

AGENDA ITEM NO.01: Confirmation of the minutes of the 100th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 11.04.2018.

The minutes of the 100th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 11.04.2018 and communicated in Letter No.P1/1044/2015 dated 17.04.2018 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 100th meeting of the Authority held on 11.04.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 100th meeting of the Tamil Nadu State Coastal Zone Management authority held on 11.04.2018.

AGENDA ITEM NO. 03: Proposed forming peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Puduvoyal and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalurur Villages, Ponneri Taluk, Tiruvallur district proposed by The Divisional Engineer, Highways Dept., Chengalpattu

The Authority resolved to defer the proposal, as the Consultant had not turned -up for the meeting and the Highways Department official was not in a position to make a presentation to the Members of the Authority, on the project.

AGENDA ITEM NO.04: Status report on the preparation of Coastal Zone Management Plan for Tamil Nadu as per the CRZ Notification, 2011

On going through the detailed power point presentation made by the NCSCM and after the detailed discussions and scrutiny, the TNSCZMA accepted the CZMP in 115 maps of 1:25,000 scale. Further, as the Government of TN had already forwarded the CZMP in 100 maps, the Authority resolved to recommend to send the balance 15 maps of CZMP to MoEF & CC, GoI for approval.

AGENDA ITEM NO.05: Post facto clearances for permissible activities as per Notification S.O. No.1002 dated 06.03.2018 under CRZ Notification, 2011

The Authority noted the existing provisions of the CRZ Notification, 2011 that if the site is falling in CRZ-II, constructions shall be allowed on the landward side of the existing road or authorized structures as on 19.02.1991 at the FSI of 1991 level and if the site is falling in CRZ-III no new residential constructions shall be allowed and only reconstructions should be allowed.

2) Further, it is pointed out that the Applications received upto 30.06.2018, for Post Facto Clearances in CRZ-II area is 34 & 1 and in CRZ-III area is 96 & 60 (including one application received from Corporation of Thoothukudi) upto 30th June and 31st July 2018 respectively and nearly all the applications were copies of applications addressed to the GoI.

3) Hence, the TNSCZMA resolved to send the above facts to MoEF & CC, Govt. of India for further course of action along with the details of Writ Petition filed at the Hon'ble High Court of Chennai, as the matter also was the sub-judice of the Hon'ble High Court of Chennai.

Sd./xxxx
Thiru A. Udhayan., 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.

AGENDA ITEM NO.02: The action taken on the decisions of 101st meeting of the Authority held on 10.08.2018

Sl. No	subject	Action taken
01	Proposed forming peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Pudukkottai and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalurur Villages, Ponneri Taluk, Tiruvallur district proposed by The Divisional Engineer, Highways Dept., Chengalpattu	The Authority resolved to defer the proposal, as the Consultant had not turned -up for the meeting and the Highways Department official was not in a position to make a presentation. The proposal has been placed as Agenda Item No.3 in the 102 nd meeting.
02	Status report on the preparation of Coastal Zone Management Plan for Tamil Nadu as per the CRZ Notification, 2011	As resolved, the CZMP in 15 maps was sent to Govt. vide letter No.P1/1655/2016 dated 06.07.2018 and the Govt. of TN have also forwarded the said maps to GoI vide letter No. 10243/EC.3/2017-18 dated 28.08.2018, for approval.
03	Post facto clearances for permissible activities as per Notification S.O. No.1002 dated 06.03.2018 under CRZ Notification, 2011	As resolved, all the facts regarding the applications received for Post facto Clearances has been sent to GoI, vide letter No. P1/1399/2018 dated 05.09.2018 with the request to indicate further course of action.

AGENDA ITEM NO. 03: Proposed forming peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Pudukkottai and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalurur Villages, Ponneri Taluk, Tiruvallur district proposed by The Divisional Engineer, Highways Dept., Chengalpattu

The District Environmental Engineer, TNPCB, Gummidipoondi, Tiruvallur district has forwarded a proposal for "Forming peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Pudukkottai and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalurur Villages, Ponneri Taluk, Tiruvallur district" for Clearance under CRZ Notification 2011.

2) The peripheral road starts at Ennore Port and split into 5 sections end with Mahabalipuram. The total length of the peripheral road will be around 133.381 KMs. The applicant proposed for clearance under CRZ Notification, 2011 for the chainage Section-I between Ennore Port to Thatchur and Kattupalli ramp for the total length of 25.47 KMs.

3) There are 4797 trees falling within the project corridor of entire length of Chennai Peripheral road. As suggested by SEAC, 2168 will be retained in the median, divider, footpath, etc and the remaining 2629 will be transplanted. Dismantling of 802 buildings within proposed right of way is required.

4) In the minutes of the meeting, among the other things, the DCZMA for Tiruvallur district have mentioned the followings.

- i) Section -1 : Northern Port Access Road - Ennore Port to Thatchur on NH-5 along with the said chainage in table (a) and table (b) are falls under Ponneri Taluk, Tiruvallur district. The feasibility study for forming North Port Access Road (NPAR) from Northern Gate of Ennore Port to Thatchur on NH-5 (Km 30/270) with connecting road to Tiruvottiyur-Ponneri-Panchetty Road (TPP Road) was prepared. The length of NPAR will be 21.12 Km and TPP link road is 4.35 Km.

- ii) The proposed NPAR will have 4 lane divided carriageway with 2-lanes service roads on both sides and the proposed ROW is 100m. In order to avoid built-up section, HT lines and to accommodate the interchange at NH-5, the end of the project road is shifted south wards to Km 29/000 of NH-5. As the alignment of NPAR from Ch.17+300 to NH-5 is modified, the length of NPAR will be 20.90 km against the original length of 21.12 Km. The link road from NPAR to TPP road for a length of 4.21 KM is also included in the project and the project road crosses Buckingham Canal & Kosasthalaiyar River at Katupalli Village, Ponneri Taluk, Tiruvallur district for which a major bridge is proposed and the length of the bridge is 2.8 Km with two side ramps and width of the bridge is 30.050 m.
- iii) The part of the proposed project area is falling in CRZ-IB (Intertidal Zone), CRZ-I, CRZ-III and CRZ-IV areas as per the CRZ Notification 2011. The total project cost in CRZ area is Rs.49 crores.

5) The DCZMA for Tiruvallur district recommended the project to the TNSCZMA with the following remarks.

- i) that the habitations and Agricultural lands in the vicinity of the said project and flora & fauna in the project locality also not to be affected during constructional and operational period, the pillars to be provided in the B'Canal and Kosasthaiyar River should be maintained properly and it should not affect the free flow of the said water bodies.
- ii) that during the execution of the said project the land use classification of the villages as per DTCP norms in the vicinity of the project shall be taken into consideration.
- iii) that the fisherman community should not affect due to this project under any circumstance.

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iv) that the upcoming project should not affect the water flow of the B'Canal, proposed development activities should not damage the ecosystem of the area. In this regard, that public opinion poll may be conducted in fishing villages in and around Ennore area. After conducting public opinion detailed report would be submitted by them.

6) As per the CRZ Notification, 2011, vide Para 3 (iv), disturbing the natural course of seawater for the construction of bridges, sealink, road on stilts are permissible activities. Further, vide Para 8 (i) I CRZ-I (b), (e), Para 8 (i) III CRZ-III A (j) & B(viii), the above activities are permissible in CRZ-I(A) Ecological Sensitive area, CRZ-IB Intertidal Zone and in CRZ-III respectively. As part of project area falls in CRZ-I for which only MoEF & CC, GoI have necessary powers and powers have not been delegated to the SCZMA for the activities in CRZ-IV (water areas), the above proposal requires clearance from MoEF & CC, Govt. of India vide para 4 (ii) (d).

7) The proposal was placed before the Authority in its 101st meeting held on 10.08.2018 and the Authority resolved to defer the proposal, as the Consultant had not turned -up for the meeting and the Highways Department official was not in a position to make a presentation to the Members of the Authority, on the project.

8) The Authority may consider.

AGENDA ITEM NO.04: CRZ Clearance for the proposed Capacity Expansion of Cuddalore Port Proposed by Tamil Nadu Maritime Board

The District Environmental Engineer, TNPCB, Cuddalore district has forwarded a proposal for expansion project in Cuddalore Port proposed by the Tamil Nadu Maritime Board, Cuddalore Taluk and District for Clearance under CRZ Notification 2011.

2) As per the Project Proponent, the proposed Capacity Expansion Project of Cuddalore Port, will have the following activities / features:

- i) Present Cargo handling Capacity of 0.37 MTPA will be enhanced to 5.687 MTPA.
- ii) The proposed Cargo will be a mix of Bulk Cargos like Coal (storage in 37,500 sq.mts., Cement, fertilizers and other bulk storage (15,000 sq.mts) and also clean cargo like Container Cargo (15,000 sq.mts) and fuel storage (10 KLD).
- iii) It is proposed to construct 2 Numbers of additional berths, with 120X83.70 mts each, within the existing Port limits and the depth at the proposed berth areas will be dredged for (-) 10 mts., for the movement of vessels, requires dredging of 1.88 Million Cubic Meter (18,73, 476 cub. mts). The dredged material will be re- used to reclaim 40 ha., of the area within the Port limits and will be used for beach nourishment towards erosion prevention on the lee side of the Northern Breakwater.
- iv) A turning Circle for a diameter of 300mts and the approached Channel is envisaged for 1500 mts., with the width of about 60 mts and for a depth of (-) 9 mts.
- v) The extension of North Breakwater is proposed for 210mts and the South Breakwater for 410mts, as per the IIT design.
- vi) It is proposed to construct an ETP and 100 KLD of sewage and washing/cleaning drainage will be treated and the treated water will be used for green belt. The requirement of 100 KLD will be sourced by installing a Captive Desalination Plant (250 KLD). However the locations of seawater inlet and outfall pipeline alignment is not superimposed in the HTL map.
- vii) The proposed activity falls in CRZ-I, II & IV areas. The proposed cost of the project is Rs.135 crores.
- viii) The project also attracts EIA Notification, 2006 and public hearing was conducted on 22.02.2018. Based on the suggestions of the members and views of the fishermen community expressed after the public hearing, the District Collector, Cuddalore and the District Coastal Zone Management Authority recommended the proposal to the

Tamil Nadu State Coastal Zone Management Authority with the suggestion that "In order to meet the demands of the fishermen community of the project location, exclusive area can be earmarked in the proposed water spread of the port for promoting Marina kind of infrastructure to facilitate ferry services and recreation activities to provide alternate means of income to support them. Such infrastructure project can be implemented by Tamil Nadu Maritime Board through Public Private Partnership mode on later years". In Marina, recreation activities, petty shops etc., are in existence prior to the Promulgation of CRZ Notification 2011. As per the said Notification, vide para 3 (ix) & (xiii) Reclamation for commercial purposes such as shopping, entertainment activities and Dressing or altering the natural features including landscape changes for beautification, recreation and other such purpose are prohibited activities. Vide para 4 (i) (a) of the CRZ Notification 2011, clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.

ix) 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 4th 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 construction of breakwaters should be carried out as per the final orders of the Tribunal in the above said application.

3) As per CRZ Notification 2011, vide para 8 II CRZ II (vi) storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports; is permissible activity in CRZ - II areas. Further all the above activities are permissible activities vide para 4 (i) (f) of the CRZ Notification 2011. However the above proposal requires Clearance from the MoEF&CC., GoI vide para 4 (ii)(h) of the CRZ Notification 2011.

4) The Authority may consider.

AGENDA ITEM NO.05: Any other subject with the permission of the Chair.

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

Sd/-xxxx
Thiru Shambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

**MINUTES OF THE 102nd MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 27.09.2018**

As the 102nd meeting of the Authority was the first meeting for the Chairman, TNSCZMA, the Member Secretary, introduced the Members to the Chairman and the Member Secretary and the Members of the Authority welcomed the Chairman.

AGENDA ITEM NO.01: Confirmation of the minutes of the 101st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.08.2018.

The minutes of the 101st meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 10.08.2018 and communicated in Letter No.P1/1044/2015 dated 23.08.2018 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 101st meeting of the Authority held on 10.08.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 101st meeting of the Tamil Nadu State Coastal Zone Management authority held on 10.08.2018. The Authority noted the action taken.

AGENDA ITEM NO. 03: Proposed forming of peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Puduvoiyal and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalur Villages, Ponneri Taluk, Tiruvallur district proposed by the Divisional Engineer, Highways Dept., Chengalpattu

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

- a) The stilts or pillars, of the bridges/roads should not affect the free flow of tidal water. Further, the pile caps should be below the water level.
- b) The road alignment or formation of any bund should not tamper the existing tanks or lakes.

- c) Suitable measures shall be evolved to control the pollution and noise levels, during the construction and post-construction phases and ensure the installation of online monitoring system.
- d) No drawal of ground water in CRZ areas.
- e) Along the coastal stretches around the project area, Mangrove species shall be planted as a part of mitigation measures and the existing remnants of mangrove vegetations shall be rehabilitated.
- f) The green belt shall be developed with local species like Palmyrah in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- g) Ensure that the R & R (Rehabilitation & Resettlement) activities are as per norms.
- h) Consent to Establish and Consent to Operate shall be obtained from the Tamil Nadu Pollution Control Board, at the appropriate stages. The fly ash in the Buckingham Canal and Kosasthaiyar River stretches adjacent to the project area shall be cleaned under CSR component and this will be monitored and ensured by the TNPCB.
- i) NoC from the PWD should be obtained before the commencement of constructions.
- j) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- k) All the mitigation measures indicated in the Environment Management Plan should be implemented as proposed.
- l) Ensure that the flora and fauna habitations and agriculture lands in the vicinity in the project locality should not be affected due to the project implementation.
- m) There should not be any adverse impact on the fishermen and fishing activities due the project.
- n) Necessary statutory clearances, if any, required for the project should be obtained from the concerned competent authorities, without fail.

AGENDA ITEM NO.04: CRZ Clearance for the proposed Capacity Expansion of Cuddalore Port Proposed by Tamil Nadu Maritime Board

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

- a) Shoreline evolution should be monitored by suitable monitoring mechanism, periodically through reputed institutions. The Dredge spoil and Management should be supported by model studies and a proper monitoring mechanism should be implemented. Remedial measures need to be planned to prevent erosion, if any, on the adjacent coastal areas. Beach nourishment should be taken up with sand dredged from the harbor to minimize down drift erosion which should be supported by the coastal process monitoring studies.
- b) The Tamil Nadu Maritime Board, in addition to their dredging activities for the movement of cargo vessels should also undertake the dredging activities to aid the fishing vessels as per the request of Tamil Nadu Fisheries Department, as the said area is falling adjacent to the project area.
- c) 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.
- d) Suitable management procedures for long-term maintenance of groynes shall be evolved and the maintenance cost for groynes should be ensured by the Tamil Nadu Maritime Board.
- e) Based on the detailed scientific study, appropriate measures to be undertaken to avoid flooding, stagnation of water and sedimentation and also to prevent the adverse impact of floods, as the project area is cyclone prone.
- f) 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.
- g) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- h) Only those facilities which are integral to the expansion of Port shall be provided in CRZ areas and those which are not integral to may be located outside the CRZ areas.
- i) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.

- j) The Coal handling Rules issued by the Government of India should followed. The impact of coal to the eco-system and also around the human settlements should be periodically assessed and proper mitigation measures should be taken on the event of any adverse impacts. The air/ dust pollution due to the coal stock should be controlled by proper implementation of advanced technologies, in addition to the general precautions such as provision of wind screen, sprinkling of water etc., The coal should be transmitted through closed conveyor system only to the port area.
- k) The activity should not have any adverse impact on the marine organisms and ecosystem. 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.
- l) No drawal of ground water in CRZ areas is permitted.
- m) Greenery and Landscape changes shall be undertaken within the ambit of the provisions of the CRZ Notification 2011.
- n) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities. Adequate Buoys should be deployed to demarcate the safe areas for the sailing of fishermen boat from that of the ship route/movement.
- o) The green belt shall be developed with local species and in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- p) All the mitigation measures indicated in the Environment Management Plan should be implemented as proposed.
- q) 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 4th 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 such works on the coast of Tamil Nadu should be carried out as per the final orders of the Tribunal in the above said application.

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- r) Consent to Establish and Consent to Operate shall be obtained from the Tamil Nadu Pollution Control Board, at the appropriate stages.
- s) Necessary statutory clearances, if any, required for the project should be obtained from the concerned competent authorities, without fail.

Sd./- xxxx

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

Sd./- xxxx

Thiru. Shambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
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