

85th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 24.08.2015

Time: 04.00 P.M.

Venue:

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

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**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -
85th MEETING**

Date & Time:

24.08.2015 - 04.00 P.M.

**Venue: Chamber of the Principal Secretary to
Government,**

**Environment and Forests Department., 7th
floor, Secretariat,
Chennai- 600 009.**

AGENDA ITEM NO.01: Confirmation of the minutes of the 84th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.06.2015.

The 84th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 26.06.2015 and the minutes were communicated in letter no. P1/1044/2015 dated 07.07.2015 (Copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 84th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 26.06.2015**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 83rd meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 19.05.2015.**

The minutes of the 83rd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.05.2015 communicated in Letter No.P1/1044/2015 dated 29.05.2015 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 83rd 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 83rd meeting of the Tamil Nadu State Coastal Zone Management authority held on 19.05.2015.

**AGENDA ITEM NO.03 Power point presentation on the activities of National
Centre for Sustainable Coastal Management (NCSCM),
Chennai.**

Chairman explained the rationale for having presentations by the technical agencies to the members. The idea is to have a big picture view of the fragile coastal ecosystem of Tamil Nadu and within this big picture framework, plan for a balanced approach for development and conservation.

The National Centre for Sustainable Coastal Management represented by Dr. P. Krishnan, Scientist-E, made a power point presentation and explained the activities taken up along the coast of Tamil Nadu to the Members of the Authority. He highlighted some of the pioneering efforts of the centre pertaining to sediment studies as well as data lacuna in biodiversity, especially on nesting sites of birds that inhabit coasts and the sea. Dr. Krishnan also highlighted the partnerships that are in existence across the coastal states of India with institutions that have proven experience in coastal management.

During the deliberations, the Chairman, TNSCZMA requested the NCSCM to share the data available with them to the stakeholders especially to the Department of Environment/ TNSCZMA which will be helpful to have a clear and holistic view on the coast and its carrying capacity, sediment cells, wave patterns, flora and fauna, areas of concerns etc., Further the Chairman viewed that this data will be useful to predict where we stand and what could be done, which in turn will be helpful for drafting the policy, provide technical inputs in planning and safeguarding the interests of State and also provide special focus on the areas of concern along the fragile coastal ecosystem of Tamil Nadu. Further, the Chairman emphasized that this data base should reveal a clear picture on potential sites for development and serve as a dynamic platform for implementing agencies.

The NCSCM informed that they have completed the HTL mapping of Tamil Nadu coast along with the Eco-sensitive areas and the maps are under the final quality check. The NCSCM has agreed to show the said maps to the Members of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA), in a couple of weeks time and has also agreed to make necessary corrections / modifications / alterations, before finalization of the said maps, based on the views/ suggestions of the Members of TNSCZMA.

AGENDA ITEM NO.04 Power point presentation on the activities of National Institute of Ocean Technology (NIOT), Chennai.

The National Institute of Ocean Technology (NIOT), Pallikaranai, represented by Dr. K.M. Sivakolundu, Project Director & Scientist-G made a power point presentation and explained the activities taken up along the coast of Tamil Nadu to the members of the Authority.

During the presentation the NIOT has shared their field experiences on the projects that they have implemented in Tamil Nadu. The presentation focused mainly on the scenario during the inception and current status,

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especially, on the construction of groynes, training walls, Ports and harbors. Emphasis was made on the need to rely on real time data that is collected meticulously. Issues pertaining to the management of geo tubes and other peripheral structures in protecting fragile coastal areas especially around the southern districts of Tuticorin and Ramanathapuram were highlighted. Special mention was made on the issue of beach erosion and accretion due to projects that are ill fitted in their design and scope. The presentation also demonstrated the need to supplement GIS based analysis with field studies.

Following the presentation of the two premier institutions, the members highlighted the need to work in unison, especially on matters of common interest and also suggest means by which data pooling the sharing between premier institutions and the State Department of environment could be enabled.

During the deliberations, the Members insisted that an audit on the compliance of conditions imposed in the Environmental Clearances on the projects should be carried out not only for finding errors but also to glean inferences for policy framework for similar projects in the future, based on the success of the said projects. The Chairman agreed on the views and opined that these audits may be made mandatory for the major projects such as, L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust which will really serve the process of protecting the fragile Coromandel Coast.

Accordingly, the Authority resolved to request all the three agencies listed above, to participate in the subsequent deliberations and discuss the original and present status of their projects along the Coromandel Coast especially in the context of impacts on eco-system and the biodiversity in and around the project area, fishing and livelihood of fishermen etc.,

Sd./- xxxx

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

Sd./- xxxx

Thiru Hans Raj Verma, 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 84th meeting of the Authority held on 26.06.2015 are given below:

SI. No	subject	Action taken
01	Power point presentation on the activities of National Centre for Sustainable Coastal Management (NCSCM), Chennai.	The NCSCM informed that the maps of HTL of Tamil Nadu coast, the Eco-sensitive areas are under the final quality check. The NCSCM has agreed to display the said maps to the Members of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA), shortly, for comments.
02	Power point presentation on the activities of National Institute of Ocean Technology (NIOT), Chennai.	L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust will be called for discussions shortly with reference to the original and present status of their projects along the Coromandel Coast especially in the context of impacts on eco-system and the biodiversity in and around the project area, fishing and livelihood of fishermen etc.,

AGENDA ITEM NO:03 **Presentation by L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust on compliance on CRZ clearance conditions and current status on ground.**

During the 84th Authority meeting the Authority resolved to request all the three agencies viz., L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust, to participate in the subsequent deliberations and discuss the original and present status of their projects along the Coromandel Coast especially in the context of impacts on eco-system and the biodiversity in and around the project area, fishing and livelihood of fishermen etc.,

Accordingly the L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust are requested to make power point presentation on compliance on CRZ clearance conditions and current status on ground in respect of their project for which clearances have been issued under CRZ Notifications 1991 & 2011.

AGENDA ITEM NO:04 **Proposed residential construction complex at S.No. 4310/3,5, 4462/3, 4569/32, 33, 34, 35, 38 & 4570/8 of Blocks 96, 98 & 100 of Santhome Village, Mylapore-Triplicane Taluk, Chennai proposed by Thiru T.V. Sathia Narayana, Chennai.**

Thiru T.V. Sathia Narayana, Chennai was submitted a proposal for the construction of a residential complex at S.No. 4310/3,5, 4569/17,32, 33, 34, 35, 38 & 4570/8 of Blocks 96, 98 & 100 of Santhome Village, Mylapore-Triplicane Taluk, Chennai District, for Clearance under CRZ Notification 2011. The Proposed construction was to the tune of 54361.27 sq.mts in a plot area of 10709.369 sq.mts., Total number of blocks proposed was 5 with 146 units. Part of the project site is falling in CRZ-II. The applicant has proposed to construct Block one as Combined triple basement + stilt+ 4 floors, Block two as stilt + 4 floors and other three blocks as Stilt + 16 floors at a cost of 92 crores.

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2) The proposal was placed before the 75th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.12.2013 and the State Coastal Zone Management Authority resolved to clear the proposals. Accordingly Clearance under CRZ Notification 2011 was issued in Pro. No. 1869/2013/P1 dated 09.01.2014 subject to the following conditions:

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 in CRZ and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- b) Environmental Clearance shall be obtained under EIA Notification 2006 from the State Environmental Impact Assessment Authority.
- c) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- d) The maximum height of the building in CRZ area should not exceed 18 meters.
- e) Set backs to be left is 7mts all around.
- f) 10% of the site area has to be reserved for the Lower Income Group housing with dwelling units size not exceeding 45 sq.mts., in floor area.
- g) Premium FSI is not permissible in CRZ area.
- h) There should not be any ground water extraction in CRZ.
- i) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- j) Green belt development shall be implemented as proposed in the proposal in consultation with Forests Department.
- k) Instead of Storm Water drain, adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

3) The applicant has submitted a proposal with some modifications in their building plan and requested clearance under CRZ Notification 2011. As per the revised proposal the total plot area is 8932.50 sq.mt. Instead of 5 blocks the applicant has now proposed for the construction of 1 single block with combined basement + Stilt + Upper 16 floors. The applicant has revised the proposal to construct 108 units with the built up area of

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51,330.95 sq.mt., instead of 146 units with the built up area of 54,361.27 sq.mts., for which clearance has been issued already at a cost of Rs.55 crores in CRZ.

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 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.05 **Proposed Construction of "beach resort' at Kadalur village, Cheyyur Taluk, Kancheepuram district proposed by M/s. Dual Structural and Industries Pvt. Ltd., Chennai**

The District Coastal Zone Management Authority of Kancheepuram district has forwarded a proposal for the construction of a Beach Resort at S.F. No. 389/B, 485/2B, 556/1A2, 1C, 2B, 3B, 557/1B, 3, 4, 571/2A, 2B, 2C, 2D, 2E of Kadalur village, Cheyyur Taluk, Kancheepuram district proposed by M/s. Dual Structural and Industries Pvt. Ltd., Chennai., in an extent of 8.0239 hectares (80,239.954sq.m.). The entire project area is falling in CRZ-III. The applicant proposed to develop resort with a facility of 95 single rooms, 144 double rooms, 16 VIP rooms, 10 guest rooms besides other features comprising of recreation rooms, meditation dormitory, yoga room, Naturopathy consultation for visitors, spa and tennis court. The maximum height of the building is 7.92 m., with ground floor and first floor with total built up area of 25,346 sq.m. (FSI 0.147) within the development of zone of 200mts to 500mts in CRZ. The Total cost of the project is 24.00 crores.

2) The total water requirement for various uses is 60 KLD and will be met from the ground water from S.No. 404, which is very near the site and falling away from the CRZ.

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The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 54 KLD. The treated sewage of 34 KLD is to be utilized for gardening purpose and the quantity of 32 KLD will be reused for toilet flushing.

3) The food waste and other organic waste of 117 kg/day generated from the resort will be converted as manure through organic waste converter system and the same will be used for landscaping and gardening purposes. The inorganic waste of 78 Kg/day will be disposed through recyclers. The STP sludge of 10 kg/ day will be used for manure for gardening. The unit proposed to install DG set of 60 KVA with stack and with inbuilt acoustic enclosures.

4) The applicant produced a copy of HTL demarcation map obtained from IRS., Anna University. As per the approved Coastal Zone Management Plan Map the site is categorized as CRZ-III and the entire development area of 47,120.81 sq.m., of site is falling in between 200 mts and 500 mts from HTL of sea. The remaining area of 33119.14 sq. m., is falling in the No Development Zone.

5) The District Coastal Zone Management Authority, Kancheepuram district has recommended the proposal.

6) The proposal was placed before the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) in the 83rd meeting held on 19.05.2015 and the applicant has furnished the following details from the Institute of Remote Sensing, Anna University.

- a) Site elevation contour maps of project site and adjacent areas.
- b) A report on the presence of sand dunes in the project site, with a historical ten year data base.
- c) A report on the presence of habitats in and around the project site and also with reference to Red Olive Turtle nesting in that area.

7) As per para 8 III CRZ-III (B) (i) of CRZ Notification 2011, development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III with prior approval of Ministry of Environment, Forests & MoEF shall be permitted for construction of hotels/beach resorts.

8) The Authority may consider.

AGENDA ITEM NO.06 **Proposed layout of land falling in T.S.No. 8, 11/2 part Block No. 14 of Adyar Village, Mambalam - Guindy Taluk, Chennai district proposed by M/s. Baashyaam Construction Private Limited, Chennai.**

M/s. Baashyaam Construction Private Limited, Chennai has submitted a proposal for the layout of their land into 9 plots, which is falling in T.S.No. 8, 11/2 part Block No. 14 of Adyar Village, Mambalam - Guindy Taluk, Chennai for Clearance under CRZ Notification 2011. The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 8008.42 sq.mts into nine plots of various sizes between 247.69 sq.m. to 1190.79 sq.m. each. The proposal involves a formation of 9m wide road for approach.

2) 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.

3) As per the guide lines issued by MoEF, GoI in No. 11-83/2005-IA-III (CRZ-II norms), in CRZ-II area, the buildings shall be permitted subject to the following conditions:

(a) the Project area should be within the territorial jurisdiction of the Municipal limits as it existed on 19.2.1991 i.e., the date of coming into effect of the CRZ Notification, 1991.

(b) the construction/protrusion towards the seaward side should not go beyond the imaginary line drawn from the seaward side of the existing authorized structures on the adjoining plot.

(c) the imaginary line should be drawn parallel to the High Tide Line.

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(d) the building(s) to be constructed should be restricted to the single plot boundary (as on 19.2.1991) immediately abutting the existing authorized structures between which the imaginary line is drawn.

(e) the imaginary line to be drawn should not cut across any river, creek, backwater, sandy beach or mangroves.

(f) 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 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 proposal was placed before the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) in the 83rd meeting held on 19.05.2015 and the TNSCZMA resolved to request the applicant to make a power point presentation to the Members of the Authority in respect of their proposed sub-division and the impacts of the proposal with reference to the adjacent Adyar river.

5) The Authority may consider.

AGENDA ITEM NO.07 **Refund of scrutiny fee due to the withdrawal of application for the Proposed sub-division by the applicant by Thiru S. Sankar, Chennai.**

Thiru S. Sankar, Chennai has furnished a copy of letter received from the Corporation of Chennai dated 08.12.2014 along with a proposal for the sub-division of his land into 2 plots, after demolishing his existing house, which is falling in Old S.No. 1/part & 80/part, New S.No 1/118, Plot No. 113A, Palkalai Nagar avenue, Palkalai Nagar, Palavakkam village, Chennai 600 041. The site is falling in CRZ-II area on the landward side of the existing approved roads.

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2) A sum of Rs. 50,000/- was collected from Thiru S. Sankar, Chennai towards scrutiny fee by his letter dated 13th January 2015 and the same was remitted into Government account on 21st January 2015. However before placing the proposals for the scrutiny of the Tamil Nadu State Coastal Zone Management Authority, the applicant has withdrawn his proposal on 20.02.2015 stating that the sub-division does not benefit him and he also requested to refund the scrutiny fee of Rs.50,000/- paid by him.

In view of above facts the Authority may consider the reimbursement of the scrutiny fee of Rs.50,000/- to the applicant.

AGENDA ITEM NO.08 **Review of progress of work on protection of Vaan Island in Gulf of Mannar from degradation through coral rehabilitation & deployment of artificial reef carried out by the Director of SDMRI, Tuticorin.**

The Suganthi Devadason Marine Research Institute (SDMRI)., Thoothukudi has submitted a Project titled "Protection of Vaan Island in Gulf of Mannar from degradation through coral rehabilitation and deployment of artificial reefs' for grant under State Coastal Zone Development Fund and the Authority, in the 81st meeting held on 24th November 2014, has approved the proposal. Accordingly SDMRI is carrying out the activities.

The Director of SDMRI, Tuticorin is requested to make power point presentation on the progress of work, so far carried out by the SDMRI compliance on the project "Protection of Vaan Island in Gulf of Mannar from degradation through coral rehabilitation and deployment of artificial reefs'.

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

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

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

**MINUTES OF THE 85th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 24.08.2015**

AGENDA ITEM NO.01: Confirmation of the Minutes of the 84th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.06.2015.

The minutes of the 84th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.06.2015 communicated in Letter No.P1/1044/2015 dated 07.07.2015 of the Director of Environment, were confirmed.

AGENDA ITEM NO.02: Report on the follow up action taken in respect of decisions taken during the 84th 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 84th meeting of the Tamil Nadu State Coastal Zone Management authority held on 26.06.2015.

AGENDA ITEM NO: 03: Presentation by L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust on compliance on CRZ clearance conditions and current status on ground.

As resolved in the 84th Authority meeting, all the three agencies viz., L&T Port, Kattuppalli, Kamarajar Port and Chennai Port Trust have made a power point presentation on compliance on CRZ clearance conditions and current status on ground in respect of their project for which clearances have been issued under CRZ Notifications 1991 and 2011.

During the deliberation, the following points were discussed, with regard to L&T Port, Kattuppalli and the reports mentioned below need to be submitted to the SCZMA committee.

1. Pollution monitoring report.
2. List of tree species planted in the green belt along with the details of planting is to be submitted.
3. Biological Monitoring report to be submitted.
4. Eco restoration and protection needs to be added in the ongoing CSR activities.

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5. Technical report prepared by IIT-Madras for L&T is to be submitted.
6. Environment report on accretion on the northern side is to be submitted.
7. It was also stated that a copy of all compliance reports need to be submitted to TNSCZMA.

The following points were discussed, with regard to Kamaraj port and necessary reports mentioned below need to be submitted to the SCZMA committee.

1. Action plan for Mangroves protection and conservation needs to be developed and submitted.
2. Development Plan for stabilization of sand in the northern side should be submitted. Further, no reclamation or use of natural accretion area is to be undertaken.
3. Suitable measures to be taken for dust management and a report on this need to be submitted.
4. Systematic monitoring of flora and fauna including the macro organisms needs to be undertaken and the report is to be submitted.
5. The Green belt area needs to be validated and documentation of the flora and fauna is to be done and submitted.

The following points were discussed with regard to Chennai port trust and necessary reports mentioned below needs to be submitted to the SCZMA committee.

1. 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 coast of Tamil Nadu especially with reference to erection of Groynes, sea walls and training walls etc., Hence construction of groynes should be in consideration of the above.

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2. Studies on the impact of Port activities on marine and coastal ecosystem, specifically the marine and coastal flora and fauna needs to be undertaken by engaging a reputed institution. The study reports are to be submitted to the TNSCZMA.
3. A copy of the monitoring report submitted to TNPCB should be submitted.

AGENDA ITEM NO:04: Proposed residential construction complex at S.No. 4310/3,5, 4462/3, 4569/32, 33, 34, 35, 38 & 4570/8 of Blocks 96, 98 & 100 of Santhome Village, Mylapore-Triplicane Taluk, Chennai proposed by Thiru T.V. Sathia Narayana, Chennai.

The Authority resolved to clear the proposals 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, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.
- b) Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- c) Environmental Clearance shall be obtained under EIA Notification 2006 from the State Environmental Impact Assessment Authority.
- d) Consent for Establishment, from Tamil Nadu Pollution Control Board should be obtained.
- e) There should not be any ground water extraction in CRZ.
- f) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- g) Green belt development shall be implemented as proposed in the proposal in consultation with Forest Department and should include list of trees, shrubs and herbs to be planted.
- h) Instead of Storm Water drain, adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- i) STP should be designed with Ultra Filtration, to support the proposed dual plumbing.

AGENDA ITEM NO:05: Proposed Construction of "beach resort' at Kadalur village, Cheyyur Taluk, Kancheepuram district proposed by M/s. Dual Structural and Industries Pvt. Ltd., Chennai

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

- a) The total covered area on all floors shall not exceed 33 percent of the plot size i.e., the Floor Space Index shall not exceed 0.33.
- b) The overall height of construction upto the highest ridge of the roof shall not exceed 9 meters and the construction shall not be more than two floors (ground floor plus one upper floor).
- c) Basement, if any, shall be erected after getting NOC duly from the Central Ground Water Authorities.
- d) There should not be any constructions in the No Development Zone i.e., between 0 - 200 mts., from the HTL of sea. Swimming Pool shall be constructed in development zone viz., 200 - 500 mts from the HTL of sea.
- e) There should not be any ground water extraction in the CRZ.
- f) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- g) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.
- h) Suitable sludge disposal mechanism shall be evolved for the proper safe disposal of sludge in the project area.
- i) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).

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- j) The possibilities of utilization of solar energy to the maximum extent shall be explored.
- k) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- l) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- m) There shall be no construction, including for recreational or part time activities on the beachside of the property.

AGENDA ITEM NO:06: **Proposed layout of land falling in T.S.No. 8, 11/2 part Block No. 14 of Adyar Village, Mambalam – Guindy Taluk, Chennai district proposed by M/s. Baashyaam Construction Private Limited, Chennai.**

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

- a) Layout approval should be obtained duly from the CMDA / Corporation of Chennai.
- b) Prior Planning Permission should be obtained for the proposed constructions.
- c) The proposed building(s) to be constructed should be restricted to the single plot boundary (as on 19.2.1991) immediately abutting the existing authorized structures between which the imaginary line is drawn.
- d) The proposed construction/protrusion towards the riverward side should not go beyond the imaginary line drawn between the existing authorized structures on the adjoining plot.
- e) The imaginary line should be drawn parallel to the High Tide Line.
- f) The imaginary line to be drawn should not cut across any river, creek, backwater, sandy beach or mangroves.

AGENDA ITEM NO:07: **Refund of scrutiny fee due to the withdrawal of application for the Proposed sub-division by the applicant by Thiru S. Sankar, Chennai.**

The Authority resolved to accept the reimbursement of scrutiny fee of Rs.50,000/- to the applicant Thiru S. Sankar and authorised Member Secretary, Tamil Nadu State Coastal Zone Management Authority to draw and disburse the amount to the applicant.

AGENDA ITEM NO:08: **Review of progress of work on protection of Vaan Island in Gulf of Mannar from degradation through coral rehabilitation & deployment of artificial reef carried out by the Director of SDMRI, Tuticorin.**

The Director of SDMRI, Tuticorin accompanied by the Expert from Indian Institute of Technology, Madras Prof. Mr,Sundar made a power point presentation on the progress of work, carried out by the SDMRI on the project "Protection of Vaan Island in Gulf of Mannar from degradation through coral rehabilitation and deployment of artificial reefs' to the members of the Authority.

The Committee appreciated the above module and suggested that the module may be highlighted as a case that meets conservation goals while protecting livelihoods of the marginalised sections of the society in appropriate fora. Further, it was also suggested that the module should be showcased as an India success initiative in international deliberations such as COP 21 that is to be held at Paris in December 2015.

The Committee approved the sanction of budget for construction and deployment of remaining 9,895 numbers of Artificial Reef (AR) modules from the CRZ fund.

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AGENDA ITEM NO.09 (i) Permanent Stability to Coastal inlet of Tamaraparani river at S.F. No. near 76 & 77, Punnakayal Village, Tiruchendur Taluk, Thoothukudi district under Coastal Disaster Reduction and Rehabilitation Programme proposed by Fisheries Department.

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

- a) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- b) Shoreline evolution due to the proposed activities should be observed periodically and remedial measures need to be planned.
- c) The activity should not have any adverse impact on the marine organisms.
- d) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- e) Proper Air Pollution control measures should be implemented especially on the vehicular emissions.
- f) Prior clearance should be obtained from the Tamil Nadu State Environment Impact Assessment Authority
- g) 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 coast of Tamil Nadu especially with reference to erection of Groynes, sea walls and training walls etc., and hence shore protection work on the coast of Tamil Nadu should be carried out on the approval of the said plan from the competent authority.

The Chairman observed that periodical review on compliance would be an inherent component of the sanction process.

AGENDA ITEM NO.09 (ii) Power point presentation on the preparation of DPR on the ICZM-phase II by National Centre for Sustainable Coastal Management (NCSCM), Chennai.

The Ministry of Environment, Forests & Climate Change, New Delhi has requested the Government of Tamil Nadu a Detailed Project Report (DPR) with the assistance of NCSCM. Prof. R. Ramesh, Director, NCSCM has made a power point presentation on the preparation of ICZM-Phase II with reference to Tamil Nadu Coast with reference to CRZ Notification 2011. He outlined various issues under various factors such as conservation, disaster, pollution, livelihoods, tourism, shoreline etc.,

The Chairman, TNSCZMA highlighted the importance of protecting TN Coast and detailed the outcome and processes undertaken by the Member Secretary, TNSCZMA on ICZM

The Director, NCSCM has indicated that the DPR could not be prepared for the entire stretch of the coast as it is time consuming. Hence he suggested that the most vulnerable areas should be identified and strategies shall be evolved.

After detailed deliberation, it was suggested that the vulnerable areas may be segregated into two groups viz., Cuddalore, Nagapattinam coast as one group and Ramanathapuram and Thoothukkudi as another group and DPR shall be prepared.

The Chairman, TNSCZMA suggested that the Member Secretary, TNSCZMA shall convene stakeholders meeting with the participation of implementing agencies, NGOs and obtain the views and suggestions that may be considered and included in the DPR.

Finally it is suggested as follows:

- a) Focus on developing a scientifically sound implementable plan which is prioritized on the vulnerability and strategic directions.

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- b) Based on the strategic and action matrix presented, two geographical zones viz., Cuddalore, Nagapattinam coast as one group and Ramanathapuram and Thoothukkudi as another group were identified.
- c) In the template proposed, suggestions were made by the Members of TNSCZMA to include social safeguards and impact monitoring.
- d) DPR to be ready by the stipulated deadline of October 31, 2015.
- e) Department of Environment is the nodal agency. Director of Environment would convene a meeting to facilitate and identify the mechanism, processes including identification of domain experts for contributing to and reviewing the DPR.

Sd/-xxx

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Sd/- xxx

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