

AGENDA NOTES

75th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 18.12.2013

Time: 04.00 P.M.

Venue: PWD CONFERENCE HALL
5th floor, Secretariat,
Chennai - 600 009

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**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT
AUTHORITY**

Date & Time:

18.12.2013 - 04.00 P.M.

Venue: PWD Conference Hall, 5th floor,

Secretariat, Chennai - 600 009

AGENDA ITEM NO.01: Confirmation of the minutes of the 74th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 09.10.2013.

The 74th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 09.10.2013 and the minutes were communicated in letter no. P1/141/203 dated 17.10.2013 of Director of Environment. It may be confirmed.

MINUTES OF THE 74th MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 09.10.2013

AGENDA ITEM NO.01: Confirmation of the Minutes of the 73rd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.08.2013.

The minutes of the 73rd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.08.2013 communicated in Letter No.P1/141/2013 dated 27.08.2013 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 73rd meeting of the TNSCZMA.

The Member Secretary and the Chairman, TNSCZMA briefed the members about the action taken by the Department of Environment and by the Government, respectively, on the decisions taken during the 73rd meeting of the Tamil Nadu State Coastal Zone Management authority held on 12.08.2013.

It is reported by the Member Secretary, TN|SCZMA, that copies of draft CZMP maps have been sent to all the District Collectors/Chairman, DCZMAs and DEEs, TNPCB/ Convenors of DCZMAs for conducting public hearing in Ir. No. P1/1164/2013 dated 03.09.2013, as resolved by the TNSCZMA in the 73rd meeting held on 12.08.2013. In this connection, the Authority resolved to release a sum of Rs.70,000/- (Rupees seventy thousand only) each to all the DCZMAs to conduct the public hearings and to meet related expenditures.

AGENDA ITEM NO.03 Proposed construction of RMS wall at Vanagirikuppam village in Sirkali Taluk of Nagapattinam district proposed by the Executive Engineer (WRD), Public Works Department, Cauvery basin Division (East), Nagapattinam district.

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

.3.

- a) Periodical dredging is essential to maintain the depth achieved after construction of the training jetty.
- b) The sand obtained from dredging for deepening of mouth/removal of sand bar (capital dredging) should be dumped immediately north of northern training jetty.
- c) Though there may be RMS wall further north, it is essential to check occurrence of erosion north of the groyne. Periodical post project monitoring is essential to check formation beaches in between the groins.
- d) Further, beach nourishment is essential north of northern training jetty and the sand from maintenance dredging can be used for this purpose. A post project river mouth maintenance and nourishment of beaches should be considered.
- e) The activity should not have any adverse impact on the marine organisms.
- f) No road shall be formed in CRZ.
- g) Only those structures mentioned in the proposal and which are absolutely essential should be constructed.
- h) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- i) 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/ IIT Chennai. Periodical report shall be furnished to the PWD, Department of Environment on the site conditions once in 6 months so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- j) All the regulations envisaged in the Coastal Regulation Zone Notification 2011 shall be complied without any deviation.

.4.

AGENDA ITEM NO:04 **Proposed construction of RMS wall at Thirumullaivasal village in Sirkali Taluk of Nagapattinam district proposed by the Executive Engineer (WRD), Public Works Department, Cauvery basin Division (East), Nagapattinam district**

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

- a) Shoreline evolution beyond the north of RMS wall should be obtained and if required, remedial measures need to be planned.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed.
- e) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- 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/ IIT Chennai. Periodical report shall be furnished to the PWD, Department of Environment on the site conditions once in 6 months so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- g) All the regulations envisaged in the Coastal Regulation Zone Notification 2011 shall be complied without any deviation.

AGENDA ITEM NO:05 **Proposed construction of RMS wall and groynes along the coast of Devanampattinam (LS 800 to LS 1220 M) in Cuddalore Taluk proposed by PWD (WRO) Vellar Basin Division.**

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

- a) Training jetty at Devenampattinam should be dropped, as the induced erosion may not only affect the vast beach of Devanampattinam which is a tourist spot, but also make the beach unavailable for tourists/visitors.
- b) Instead of training walls at Gadilam river and RMS wall along with groyne, in order to keep open the mouth of this river, dredging has to be done and the dredged material (sand only) can be used to nourish the eroding beach of Devanampattinam.
- c) The activity should not have any adverse impact on the marine organisms.
- d) No road shall be formed in CRZ.
- e) Only those structures mentioned in the proposal and which are absolutely essential should be constructed.
- f) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- g) 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/ IIT Chennai. Periodical report shall be furnished to the PWD, Department of Environment on the site conditions once in 6 months so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- h) All the regulations envisaged in the Coastal Regulation Zone Notification 2011 shall be complied without any deviation.

AGENDA ITEM NO:06 Proposed construction of shoreline protection structures between the villages of Sothanaikuppam to Bommaiarpalayam in Vanur Taluk of Villupuram district proposed by the Public Works Department (WRD), Lower Pennaiyar Basin Division, Villupuram.

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

- a) A series of groynes been proposed to control erosion and the groins towards north have same length of 200m till the last groin. However tapering arrangement should be followed to minimize the erosion gradually.
- b) Shoreline evolution beyond the last groyne in the north should be observed and if required, remedial measures need to be planned. It should be ensured that there will not be any erosion further north.
- c) The activity should not have any adverse impact on the marine organisms.
- d) No road shall be formed in CRZ.
- e) Only those structures mentioned in the proposal and which are absolutely essential should be constructed.
- f) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- g) 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/ IIT Chennai. Periodical report shall be furnished to the PWD, Department of Environment on the site conditions once in 6 months so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- h) All the regulations envisaged in the Coastal Regulation Zone Notification 2011 shall be complied without any deviation.

.7.

AGENDA ITEM NO.07 Mining of Rare minerals in mining lease area of 7.06 hectares at Manavalakurichi village of Kalkulam taluk in Kanniyakumari district proposed by M/s. Indian Rare Earths Limited.

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AGENDA ITEM NO.08 Mining of Rare minerals in mining lease area of 141.22 hectares at Manavalakurichi, Lakshmipuram, Colachel villages of Kalkulam taluk in Kanniyakumari district proposed by M/s.Indian Rare Earths Limited.

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

- a) The unit shall adhere to the guidelines / stipulations / conditions of mining lease and shall follow the mining plan.
- b) There should not be any mining in CRZ-I (B) areas., i.e., in the inter-tidal zone.
- c) The unit shall not use any explosives for the mining. No blasting or drilling for mining shall be carried out.
- d) the unit shall not use any machineries for mining except those permitted under mining rules..
- e) The unit shall ensure that the mined area is refilled with the tailings.
- f) The beach profile shall be monitored periodically with the maintenance of relevant records / measurements / details so as to take appropriate remedial action on the event of any adverse impacts.
- g) There shall be no extraction of ground water.
- h) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- i) No road shall be formed in CRZ
- j) No liquid or solid waste shall be generated and disposed off in CRZ.
- k) The unit shall develop green belt within / outside mining area.

.8.

- l) The unit shall not establish new mineral separation plant / processing unit within CRZ areas and also there should not be any expansion of existing mineral separation plant/processing unit.
- m) The unit shall obtain consents, in appropriate stage, from the Tamil Nadu Pollution Control Board.

AGENDA ITEM NO:09 **Reconstruction of existing Beach Resort at Devaneri village, Thirukalukundram Taluk, Kancheepuram district proposed by M/s. Kences Constructions Private Limited, Chennai.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, 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 9metres and the construction shall not be more than two floors (ground floor plus one upper floor).
- c) There should not be any new addition or expansion of existing 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. Water pool / pond shall not be created in the project area including in No Development Zone.
- d) There should not be any ground water extraction in the CRZ.
- e) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- f) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.

.9.

- g) Suitable sludge disposal mechanism shall be evolved for the proper safe disposal of sludge in the project area.
- h) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).
- i) The possibilities of utilization of solar energy to the maximum extent shall be explored.
- j) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- k) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.

AGENDA ITEM NO:10 **Setting up of a Beach Resort at S.F. No. 46/3C, Devaneri Hamlet, Mahabalipuram village, Thirukalukundram Taluk, Kancheepuram district proposed by M/s. Raja Rajeswari Hotels (Chennai) Pvt., Ltd., Chennai.**

The applicant has proposed in their application for the construction of Basement + Ground Floor + First Floor. Further the District Coastal Zone Management Authority for Kancheepuram District have also confirmed the same and recommended the proposal to the Tamil Nadu State Coastal Zone Management Authority for consideration. However during the Power point discussions, in the meeting, the applicant has proposed for the construction of "Basement + two ground floors (lower ground floor & upper ground floor) + first floor" under Block A. As per CRZ Notification 2011, vide annexure III, para (k) the overall height of construction upto the highest ridge of the roof, shall not exceed 9 metres and the construction shall not be more than two floors (ground floor plus one upper floor). Hence the Authority resolved to return the application with the request to revise and resubmit the proposal as per the norms and regulations prescribed in the CRZ Notification 2011 for consideration.

AGENDA ITEM NO:11 Setting up of a Beach Resort at S.F. No. 125/1A3 of Kokilamedu village, Thirukalukundram Taluk, Kancheepuram district proposed by M/s. Silver Reeds Hotels and Resorts Private Limited., Chennai

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, 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 9metres and the construction shall not be more than two floors (ground floor plus one upper floor).
- c) There should not be any developmental activities except for green belt development 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. Water pool / pond shall not be created in the project area including in No Development Zone.
- d) There should not be any ground water extraction in the CRZ.
- e) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- f) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.
- g) Suitable sludge disposal mechanism shall be evolved for the proper safe disposal of sludge in the project area.
- h) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).
- i) The possibilities of utilization of solar energy to the maximum extent shall be explored.

- j) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- k) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.

AGENDA ITEM NO:12 **Revalidation of CRZ clearance granted for the beach resort Project at Devaneri village, Mamallapuram, Thirukazhukundram taluk, Kancheepuram district proposed by M/s. Chandrakala Resorts Hotels Ltd. Chennai.**

The Authority resolved to recommend for the revalidation of Environmental Clearance issued under CRZ Notification 1991 in F.No. J-19011/6/97-IA-III dated 6th December 2005 for the above project. Further the Authority resolved to forward the following reports/ maps furnished by the applicant to the Ministry of Environment and Forests, GoI., as sought for by the "Expert Appraisal Committee (EAC) for building constructions, CRZ and Infrastructure project', MoEF., GoI in their 113th meeting held at New Delhi.

- a) The HTL/LTL map shall be prepared in 1:4000 scale.
- b) Site photograph/ google map
- c) The updated EMP.

AGENDA ITEM NO:13 **Re-construction of a dwelling house after removing the existing house in Door No. 50, T.S. No. 61083/2B1, 1083/2B2, 1083/2D, 1083/2A & 1078 at Kaliapper street, T.S. Ward No. 6, Block No. 11, Thoothukkudi proposed by Thiru V. Sorna Ganesh, Thoothukkudi.**

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

- a) Planning permission should be obtained for the proposed constructions from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations including FSI/FAR as on 19.02.1991.

- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.

AGENDA ITEM NO:14 Proposed alterations/ modifications on the constructions of Hotel and Service Apartments at S.NOs. 4288/12 & 107, Block No.94 of Mylapore Division, Triplicane Taluk, Chennai district proposed by M/s. Viceroy Hotels Limited, Chennai.

The Member Secretary explained the circumstances which necessitated the revision of minutes approved on 24.08.2013., based on the additional details furnished by the Member Secretary, CMDA, in his letter NO. C3/8447/ 2013 dated 03.09.2013. The Authority resolved to accept the modifications made in the approved minutes dated 24.08.2013 on 13.09.2013, , after considering the views of CMDA and also the clearance issued to the above proposal in Ir. No. P1/1437/2013 dated 23.09.2013 based on the revised minutes dated 13.09.2013 on the proposal.

Addl.AGENDA ITEM NO.15-01: Development of Park with Tamil Nadu Maritime Heritage Museum at Mamallapuram, Kancheepuram district proposed by the Tamil Nadu Tourism Development Corporation, Chennai

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

- a) Prior Clearance under CRZ Notification 2011 should be obtained for the phase-II of the proposal.
- b) No developmental activities shall be undertaken in the No Development Zone ie., 0 - 200mts from the HTL of sea.
- c) There shall be no extraction of ground water in CRZ.

.13.

- d) The project should be developed and implemented as educational, eco-restoration project and the project should not in any way connected to commercial purpose or recreational purpose.
- e) Proper safety measures shall be adopted to prevent any accident, during Towing and Hauling the Submarine.
- f) Proper arrangements should be made for the disposal of solid wastes generated in the project area during the implementation phase.

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

Sd/-
Thiru Mohan Verghese Chunkath., I.A.S.,
Chairman, TNSCZMA and
Addl., Chief Secretary to Government,
Environment & Forests Dept., Chennai - 9.

AGENDA ITEM NO.02: The action taken on the decisions of 74th meeting of the Authority held on 09.10.2013 are given below:

SI. No	Description of proposals	Action taken
01	Proposed construction of RMS wall at Vanagirikuppam village in Sirkali Taluk of Nagapattinam district proposed by PWD.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1589/2013 dated 17.10.2013 for taking further action.
02	Proposed construction of RMS wall at Thirumullaivasal village in Sirkali Taluk of Nagapattinam district proposed by PWD.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1588/2013 dated 17.10.2013 for taking further action.
03	Proposed construction of RMS wall and groynes along Devanampattinam coast Cuddalore Taluk proposed by PWD.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1966/2013 dated 17.10.2013 for taking further action.
04	Proposed construction of shoreline protection structures between the villages of Sothanaikuppam to Bommaiarpalayam in Vanur Taluk of Villupuram district proposed by PWD	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1778/2013 dated 17.10.2013 for taking further action.
05	Mining of Rare minerals in mining lease area of 7.06 hectares at Manavalakurichi village of Kalkulam taluk in Kanniyakumari district proposed by M/s. Indian Rare Earths Limited.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1688/2013 dated 17.10.2013 for taking further action.
06	Mining of Rare minerals in mining lease area of 141.22 hectares at Manavalakurichi, Lakshmpuram, Colachel villages of Kalkulam taluk in K.K. dt., proposed by M/s.Indian Rare Earths Limited.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1689/2013 dated 17.10.2013 for taking further action.

07	Reconstruction of existing Beach Resort at Devaneri village, Thirukalukundram Taluk, Kancheepuram district proposed by M/s. Kences Constructions Private Limited, Chennai.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1353/2013 dated 17.10.2013 for taking further action.
08	Setting up of a Beach Resort at S.F. No. 46/3C, Devaneri Hamlet, Mahabalipuram village, Kancheepuram district proposed by M/s. Raja Rajeswari Hotels (Chennai) Pvt., Ltd., Chennai.	As resolved the applicant was requested to revise and resubmit the proposal in Ir. No. P1/1354/2013 dated 17.10.2013 as per the norms and regulations prescribed in the CRZ Notification 2011
09	Setting up of a Beach Resort at S.F. No. 125/1A3 of Kokilamedu village, Kancheepuram district proposed by M/s. Silver Reeds Hotels and Resorts Private Limited., Chennai	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1943/2013 dated 17.10.2013 for taking further action.
10	Revalidation of CRZ clearance granted for the beach resort at Devaneri village, Mamallapuram, Kancheepuram district proposed by M/s. Chandrakala Resorts Hotels Ltd. Chennai.	As resolved the proposal has been sent to Environment and Forests Department in Ir. No. P1/1872/2013 dated 17.10.2013 for taking further action.
11	Re-construction of a dwelling house in Door No. 50, at Kaliapper street, T.S. Ward No. 6, Block No. 11, Thoothukkudi proposed by Thiru V. Sorna Ganesh, Thoothukkudi.	As resolved Clearance has been issued to the project in Pro. No. P1/3143/2013 dated 26 .11.2013.
12	Development of Park with Tamil Nadu Maritime Heritage Museum at Mamallapuram, Kancheepuram district proposed by the Tamil Nadu Tourism Development Corporation, Chennai	As resolved Clearance has been issued to the project in Pro. No. P1/1956/2013 dated 17.10.2013.

AGENDA ITEM NO.03 Coastal Protection - Application of SAB (Sediment Accumulator in Beach) Technology for shore protection works intended to protect the beachfronts from the coastal erosion - presentation regarding.

Thiru B. Nagendra Kumar., Consultant Coastal Engineer, Chennai has submitted a proposal to the District Collector., Kanniyakumari, a pilot model field study of SAB Technology for shore protection for a length of 150m at a fishing village Chinnathurai in Kanyakumari district at a cost of Rs.40.16 lakhs.

2) He indicated that SAB Technology is based on the sediment accumulators placed on the beachfronts of site intend to protect the site, from the coastal erosion. He stated that the technology is first of its kind in the world and this is the environment friendly technology using the principle of allowing the nature to play its roles of anger and calmness without any net significant disturbance.

3) He informed that while comparing with the RMS wal,l his technology reduces the severity of coastal wave climate and no erosion around the hard structure. He further stated that the beach aesthetics will be enhanced due to the presence of beach and without any maintenance. He also stated that this technology develops access to the sea due to the development of beach and no damage to the adjacent roads.

4) The Authority may suggest their remarks / suggestions on the above technology.

AGENDA ITEM NO.04 **Proposed project of design, Fabrication, Testing and Installation of Solar Multi Effect Distillation System for providing potable water in arid rural areas at Narippaiyur village, Kadaladi Taluk, Ramanathapuram district at S.No. 285/2B4 proposed by M/s. KGDS Renewable Energy Private Limited, Coimbatore.**

The District Environmental Engineer, TNPCB, Sivagangai District has forwarded a proposal for design, Fabrication, Testing and Installation of Solar Multi Effect Distillation System for providing potable water in arid rural areas at Narippaiyur village, Kadaladi Taluk, Ramanathapuram district at S.No. 285/2B4 proposed by M/s. KGDS Renewable Energy Private Limited, Coimbatore with the recommendation of the DCZMA for Ramanathapuram for clearance under CRZ Notification 2011.

2) The KGDS has informed that this is a R&D project funded by Department of Science and Technology, GoI. The KGDS has developed an indigenous method of concentrating solar energy by the Linear Fresnel Reflector (LFR). A solar collection field with 1440 sq.mt. of mirror area works regularly. On a hot day, with directed solar isolation around 850 W/sq.mt, this field collects 480 KW of heat energy and produces about 640 Kg/h of steam. A peak output of 6000 lts/h or around 36,000 lts/day of desalinated water can be produced. As per the applicant this is the first of its kind indigenous solar thermal desalination plant. This technology show cases the collaborative research work of the NIOT (an autonomous R&D organization under the Ministry of Earth Sciences and KGDS Renewable Energy Private Limited (an in house R&D unit recognized by the Department of Scientific and Industrial Research, GoI).

3) The DCZMA have informed that under the project, it is proposed to produce desalinated water from sea water using solar energy. The unit will take sea water from near by existing TWAD Board Desalination plant and the capacity of unit is 800 cubic meter per day sea water intake, with the production of 40 cubic meter per day of desalinated water. The reject water (brine) will be combined into TWAD Board reject line and discharged into sea. Total dissolved solids (TDS) in the brine will be in the range of 34000 ppm which is much less than the TDS level from the effluent of existing TWAD Board desalination plant which will be around 50000 ppm. In the absence of solar energy, the unit provided a baby boiler to generate the steam for heating the sea water, a stack of height 30m is provided for the boiler emission.

4) As per the applicant, the project is using only renewable energy for the generation of desalinated water where other methods will use fossil fuel as energy and this is the only project using renewable energy in India and the quality of water is more pure than RO technology (ie., TDS of product will be 2ppm only).

5) The total area of the project site is 2012 sq.mts. The project cost is 600 lakhs and the proposed site is falling in CRZ-I as per the approved Coastal Zone Management Plan. Vide para 4 (i)(a) of CRZ Notification 2011, clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; Vide para 8I CRZ-I of CRZ Notification 2011, no new construction shall be permitted in CRZ-I. However the applicant has informed that they intend to utilize the existing TWAD Board Desalination plant facilities. As per CRZ Notification 2011, vide para 4 (ii) (h), the activity requires clearance from MoEF., GoI.

6) The Authority may consider.

AGENDA ITEM NO:05

Setting up of a Beach Resort - Change of built up area on the construction of a Beach Resort in S.F No.211/2B2, 211/2C, 211/2D, 215/1B2, 215/1C and 215/1D of Nemilli Village, Chengalpattu Taluk, Kancheepuram District proposed by M/s. Adayar Gate Hotels Ltd., Chennai

M/s. Adayar Gate Hotels Ltd., Chennai has proposed to construct a Beach Resort at S.F No.211/2B2, 211/2C, 211/2D, 215/1B2, 215/1C and 215/1D of Nemilli Village, Chengalpattu Taluk, Kancheepuram District during 2007. On the recommendation of the Tamil Nadu State Coastal Zone Management Authority, Ministry of Environment and Forests, GOI have issued Clearance for the said project for the construction of basement, ground floor and first floor to the extent of 16402 sq.mts., in the plot area of 56600 sq.mts., as follows:

FSI

1. Main block (94 rooms) (Basement + GF+FF)	..	10372.38 sq.m
2. Cottages (17 nos.)	..	1015.00 sq.m
3. Spa	..	2464.00 sq.m

		13851.38 sq.m

Non-FSI

1. Main block & Service	..	2550.62 sq.m.
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2) However M/s. Adyar gate has informed that they have changed the build up area based on the allowable FSI and Non-FSI, after getting the Planning Permission to build 106 accomodation units (94 rooms and 12 cottages) duly from the Department of Town and Country Planning (DTCP) in the proceedings No.2209/2009 BA2 dated 20.01.2010 to the extent of 21567.78 sq.mts., and the constructions are under progress. The details of constructions are as follows:

1. Lower Ground Floor	..	8191.88 sq.m
2.Upper Ground Floor	..	5449.20 sq.m
3. First Floor	..	213.51 sq.m

		13854.59 sq.m

Non-FSI

1. Main block & Service car parking..		7713.19 sq.m.
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3) The applicant has requested Environmental Clearance for the above change of built up areas.

4) In CRZ Notification 2011, vide para I (f) and (k), among other things, guidelines have been prescribed specifically for the construction of beach resorts as follows:

"Construction of basement may be allowed subject to the condition that no objection certification is obtained from the State Ground Water Authority to the effect that such construction will not adversely affect free flow of groundwater in that area;... and the overall height of construction upto the highest ridge of the roof, shall not exceed 9metres and the construction shall not be more than two floors (ground floor plus one upper floor);"

5) The Regional Central Ground Water Board, Chennai in their letter No. T(8)/48/ CRZ-2013 - 2065 dated 28.10.2013 has stated that no digging of sand has been made as the applicant has constructed building over the land and no basement (under ground) and hence issuing of NOC doesn't arise. The District Environmental Engineer, TNPCB, Kancheepuram has after the site inspection reported that consent to establish was already been issued to the unit and the proposal requires clearance from the SEIAA also as the total construction exceeds 20000 sq.mt.

6) The applicant has informed that the terminology of basement and ground floor is implied as Lower Ground Floor and Upper ground floor by DTCP in their approval mainly considering the site gradients commensurate with the existing road level (ECR). Further the construction is in total conformity with the planning permission accorded only and no deviations whatsoever. Further the applicant has stated that the total height of the building is maintained as 8.85 mts., from the ground level. This incidentally goes in line with the site topographic conditions with the site sloping to around 4-5 mts from the existing road level. Further the applicant stated that the existing FSI is retained as such and Non-FSI area is only increased due to the provisions of amenities only.

7) vide para 3 (vii) of the Environmental Clearance issued in Ir. No. 78/2007-IA-III dated 15th April 2008, the MoEF., GOI reserves the right to revoke the clearance and also the Ministry/competent Authority reserves the right to modify or alter the stipulated conditions. As per Annexure III of CRZ Notification 2011, the MoEF., GoI is the competent authority to issue approval for the development of beach resorts.

6) The Authority may consider.

AGENDA ITEM NO:06 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.G. Sathia Narayana, Chennai.

The District Environmental Engineer, TNPCB/Convenor, DCZMA, Chennai has forwarded a proposal for the construction of residential construction 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 proposed by Thiru T.V. Sathia Narayana. The Proposed construction is to the tune of 54361.27 sq.mts in a plot area of 10709.369 sq.mts., Total number of blocks proposed is 8 blocks with 146 units. Total Project cost is 92 crores.

2) Part of the project site is falling in CRZ-II. The DCZMA for CMDA areas resolved to recommend the proposals to the Tamil Nadu State Coastal Zone Management Authority subject to the following specific conditions:

- a) A report on the disposal of solid waste shall be furnished duly incorporating the quantum of debris generated and their proper disposal.
- b) The construction in CRZ areas should be in accordance with the local Town and Country Planning regulations including FSI/FAR norms as on 19.02.1991.
- c) The existing open spaces in the project area is equated as no development zone in CRZ-III and hence no development is permissible therein.
- d) The maximum height of the building should not exceed 18 meters for the proposed construction in CRZ area.
- 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 unit size not exceeding 45 sq.mts., in floor area.
- g) Premium FSI is not permissible.

- h) Planning Permission under Town Planning rules and regulations, should be obtained from the CMDA before commencing the activities.
- i) Environmental Clearance under EIA Notification 2006 should be obtained as the project construction exceeds 20,000 sq.mts.
- j) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- k) There should not be any ground water extraction in CRZ area.

3) The applicant has informed that the total area in CRZ is 2776.65 sq.mts and in Non- CRZ is 7932.719 sq.mts., The FSI area in CRZ area is 5414.56 sq.mts., and in Non-CRZ is 31,354.77 sq.mts. The applicant has proposed to construct Block one to Combined triple basement + stilt+ 4 floors, Block two to stilt + 4 floors and other three blocks to Stilt + 16 floors.

4) As per CRZ Notification 2011, vide para 8 II CRZ-II (i) " buildings permitted on the landward side of the roads or existing authorized structures shall be subject to the local town and country planning regulations including the norms of Floor Space Index or Floor Area Ratio as on 19.02.1991 in CRZ areas.

4) The Authority may consider.

AGENDA ITEM NO:07 **Setting up of a Beach Resort at S.F. No. 46/3C, Devaneri Hamlet, Mahabalipuram village, Thirukalukundram Taluk, Kancheepuram distict proposed by M/s. Raja Rajeswari Hotels (Chennai) Pvt., Ltd., Chennai.**

M/s. Raja Rajeswari Hotels (Chennai) Pvt., Ltd., has proposed to set up of a Beach Resort at S.F. No. 46/3C, Devaneri Hamlet, Mahabalipuram village, Thirukalukundram Taluk, Kancheepuram distict in an extent of 2.775 hectares (27,750 sq.mts.). The entire project area is falling in CRZ-III. The Total cost of the project is 26.00 crores. The applicant has proposed to draw ground water from their own land at R.NO. 75B of Krishnan Karanai village, outside CRZ., for which they filed an application with the RGWB for NOC.

2) 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 12681.151 sq.mts., of site is falling in between 200 mts and 500 mts from HTL of sea. The project area of 15068.849 sq. mts., is fallig in the No Development Zone.

3) The District Coastal Zone Management Authority, Kanceepuram district, in their meeting held on 20.05.2013, has recommended the proposals to the SCZMA.

4) The District Coastal Zone Management Authority for Kanjeeपुरam District have forwarded the proposal referred in the subject for the development of beach resort with the construction of Basement + Ground Floor + First Floor and recommended the proposal to the Tamil Nadu State Coastal Zone Management Authority for consideration. However during the Power point discussions, in the meeting, the applicant has proposed for the construction of "Basement + two ground floors (lower ground floor & upper ground floor) + first floor" under Block A. As per CRZ Notification 2011, vide annexure III, para (k) the overall height of construction upto the highest ridge of the roof, shall not exceed 9 metres and the construction shall not be more than two floors (ground floor plus one upper floor).

.24.

5) Hence the Tamil Nadu State Coastal Zone Management Authority resolved to return the application with the request to revise and resubmit the proposal as per the norms and regulations prescribed in the CRZ Notification 2011 for consideration.

6) Accordingly the applicant has revised their proposals and resubmitted for clearance. In the revised present proposal, the applicant proposed to develop the resort with a facility of 96 rooms besides other features comprising of restaurant, bar and Spa. with basement floor, ground floor and first floor with total built up area of 1,26,479 sq.ft., (FSI- 98469 sq.ft., and Non FSI - 28010 sq.ft.) (FSI 0.33) within the development of zone of 200mts to 500mts with CRZ. The total height of the building is 8.84 mts from ground level. The Total cost of the project is 26.00 crores.

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 MoEF shall be permitted for construction of hotels/beach resorts.

8) The Authority may consider.

AGENDA ITEM NO.08 Proposed construction of Ice Plant at S.No. 628/7A1, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru R. Thanumoorthy., Nagercoil.

Thiru R. Thanumoorthy., Nagercoil, Kanniyakumari district has forwarded a proposal for clearance under CRZ Notification 2011 for the construction of Ice Plant at S.No. 628/7A1, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari. The site is falling in CRZ-II (0-200mts from the HTL of sea). The Executive Officer, Kanniyakumari Spelc Grade Town Panchayat has certified that the proposed site is falling on the landward side of the road available from the year 1965-66 and the proposed construction is satisfying the building rules. However the District Coastal Zone Management Authority for Kanniyakumari district has rejected the project proposal on the contention that the Ice plant can be constructed only in CRZ-III in "No development zone"

The applicant has submitted application in the prescribed format along with the project estimate, drawings and site plan with the request to reconsider the decision. As per the estimate furnished by the applicant the total cost of the project is Rs. 24.70 lakhs only.

As per the 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 as per para 8 III CRZ-III A (iii) (I) construction of ice plant even in "No development Zone" of CRZ-III areas is permissible activity. Hence this activity may be allowed in CRZ-III and CRZ-II and construction of ice plants can not be considered only in CRZ-I due to the specific instruction in the notification that there shall not be any new construction in CRZ-I. However as per para 4(ii)(a), as the above said activity is not listed in the EIA Notification 2006, the activity requires clearance from the Ministry of Environment and Forests, GoI..

Similar proposal for the construction of Ice Plant, in the adjacent site i.e., in 628/A1., has been sent to MOEF., GoI after the recommendation of the TNSCZMA in the 66th meeting and the same is under the consideration of MoEF., GoI

The Authority may consider.

AGENDA ITEM NO.09 Proposed construction of Sri Jain Temple cum Rest Room at S.No. 528/4,5 Agastheeswaram village, Agastheeswaram Taluk, Kanyakumari district proposed by Shri Jain Teerth Sansthan (Ram Deora), Chennai.

The DCZMA for Kanyakumari district have forwarded a proposal for the Proposed construction of Sri Jain Temple cum Rest Room at S.No. 528/4,5 Agastheeswaram village, Agastheeswaram Taluk, Kanyakumari district proposed by Shri Jain Teerth Sansthan (Ram Deora), Chennai for clearance under CRZ Notification 2011., with their recommendation.

2) The DCZMA have informed that the site is falling in CRZ-II in between 200mts and 500mts from the HTL and the site is falling on the landward side of existing road and also the project constructions satisfies the FSI and General Building Rules. From the application it is noticed that the applicant proposed to construct a small temple, waiting rooms under the proposal at a cost of Rs. 59.50 lakhs. The applicant proposed to construct 263.41 sq.mt., in the total area of 627.26 sq.mts., The District Collector, the Executive Officer of Kanniyakumari Town Panchayat and the Department of Town and Country Planning have issued NOCs for the above construction.

3) As per the CRZ Notification 2011 vide para 8 II CRZ-II (i) & (ii) new construction of buildings shall be permitted in CRZ-II areas on the landward side of the existing roads/ existing authorized structures, available as on 19.02.2011 and as per the town and country planning regulations including FSI/ FAR norms as on 19.02.1991.

4) The Authority may consider.

AGENDA ITEM NO:10 Proposed construction of shoreline protection structures in Tamil Nadu by the Public Works Department - direction issued by the National Green Tribunal - further action regarding.

Government of TamilNadu in Public Works Department have issued administrative sanction in GO. Ms. No. 269 dated 16.12.2011 for the constructions of groynes and seawalls as shoreline protection structures. In this connection Thiru Ossie Fernandes and another have filed an application in the Hon'ble National Green Tribunal (NGT), vide application number 4 of 2013 (SZ)., against the said constructions and they requested that to implement an integrated, comprehensive and sustainable coastal management plan that allows the free, natural, unhindered movement of sand along the coast which restores and maintains the natural features. They requested the Hon'ble Tribunal to ensure that a sound policy for dealing with coastal erosion in an integrated, environmentally and socially sustainable is developed by the central and state government agencies.

In this connection the Honble Tribunal directed on 19th November 2013 (copy of order enclosed), that to ensure the sustainable coastal management by way of preparing a plan, both long term and short term and also to implement of the same as an integrated, comprehensive and also a sustainable one. The Hon'ble Court directed that the Coastal Zone Management Authority of TamilNadu make a study and evolve the measures for sustainable coastal zone management in respect of the 13 districts in Tamil Nadu and made an application with in a period of two months. The matter is posted to 07.01.2014 for placing the status report.

The Authority may suggest further course of action in this regard.

**AGENDA ITEM NO.11 Status report on the conduction of Public hearing
on the Coastal Zone Management Plan Maps.**

In the 73rd meeting held on 12.08.2013, the Authority resolved to send copies of the Draft CZMP Maps to all the District Coastal Zone Management Authorities to conduct public hearing as per the procedures laid down in the EIA Notification 2006 and furnish feedback within two months. As resolved draft CZMP maps have been sent to all the District Collectors/Chairman, DCZMAs and DEEs, TNPCB/ Convenors of DCZMAs for conducting public hearing in Ir. No. P1/1164/2013 dated 03.09.2013. Further the said draft maps have been hosted in the websites of Department of Environment for public view.

2) Vide para 5 (vi) of the CRZ Notification 2011, draft CZMPs in 1:25,000 scale maps identifying and classifying the CRZ areas within the respective territories in accordance with the guidelines given in Annexure-I of the notification, requires public consultation; and accordingly draft CZMP maps in 1:25000 scale based on the HTL demarcation map furnished by the Institute of Remote Sensing, Anna University, Chennai have been prepared and sent to all the District Coastal Zone Management Authorities for conducting public hearings.

3) The Public hearings have already been conducted in Kanniyakumari Tirunelveli,, Ramanathapuram, Pudukkottai and Thoothukkudi districts on 31.10.2013, 07.11.2013, 21.11.2013, 23.11.2013 and 10.12.2013 respectively. The public hearings are scheduled on 17.12.2013 and 27.12.2013 for Thiruvallur and Nagapattinam districts respectively.

4) The public hearing at Chennai was fixed on 19.11.2013. It is reported on 18.11.2013 that the Fishermen representatives/ Associations, of Chennai District, have insisted for the supply of CZMP maps in Tamil. On 18.11.2013, the fact that the fishermen of Chennai District, wanted the maps in Tamil, was communicated to this office, overphone, and the Department have also prepared hard copies of CZMP maps, pertaining to Chennai, in Tamil. However it is reported that the

public hearing scheduled for Chennai district on 19.11.2013 has been postponed. Further some errors on the location of the some of the places in the maps have been noticed and it is informed that the errors occurred due to the distortion of points while shifting the shape files from google to Arc maps. The said errors have been rectified. Tamil Version of all the draft CZMP maps in 1:25000 scale have been hosted in the Department of Environment website.

5) Further the Fishermen representatives/ Associations have insisted to prepare and distribute the local level CZMP cadastral maps (in 1: 25000 scale) as per the CRZ Notification 2011 to them and also all the villages, local bodies before the conduction of public hearing.

6) In this connection it is informed that as indicated in the Annexure I of the CRZ Notification 2011, the HTL maps in the local level cadastral maps of 1:5000 scale have been prepared through the Institute of Remote Sensing, Anna University and based on the said maps the CZMP maps of 1:25,000 scale have been prepared. The Geomorphological features like sand dunes, Tidal flat, Tidal Marsh, Reserve Forests, creek, rivers, hamlets, mangroves, etc., have been duly marked in the said 1:25000 scale CZMP maps together with zonations viz., CRZ-I, II, III and IV. Further as per CRZ Notification 2011, vide para 7 of II classification of CRZ areas under Annexure I, jetties, ice plants, fish drying platforms or areas infrastructure facilities of fishing and local communities such as dispensaries, roads, schools, and the like, shall be indicated on the Local Level cadastral scale maps. The said work will be carried out later after the approval of CZMP maps of 1:25,000 scale by the MoEF., GoI as marking the exact zonation of CRZ areas viz., CRZ-I, II, III and IV could be possible only after getting the approval. As per the CRZ Notification 2011, vide para I (A) (4) the local level CZM Maps shall be prepared on a Cadastral scale in accordance with the CZM Maps approved by the Central Government. The Local level CZM Maps shall be prepared for use of officials of local bodies for determination of the CRZ.

7) Further the CMDA has requested some clarification on the preparation of draft CZMP maps on the basis of HTL maps prepared by the Institute of Remote Sensing, Anna University, for which a report from the IRS., Anna University is awaited. The Department of Town and Country Planning has also furnished several suggestions and views and the same will be given due consideration.

8) After the consultation process, the views, suggestions, objections received on the draft CZMP maps will be placed before the Authority for taking decision before finalizing the same.

This is for the information of the Authority.

AGENDA ITEM NO.12 Any other issues with the permission of the Chair

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

Sd/-
Thiru Mohan Verghese Chunkath., I.A.S.,
Chairman, TNSCZMA and
Addl., Chief Secretary to Government,
Environment & Forests Dept., Chennai - 9.

**MINUTES OF THE 75th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 19.12.2013**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 74th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 09.10.2013.**

The minutes of the 74th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 09.10.2013 communicated in Letter No.P1/141/2013 dated 17.10.2013 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 74th meeting of the
TNSCZMA.**

The Member Secretary and the Chairman, TNSCZMA briefed the members about the action taken by the Department of Environment and by the Government, respectively, on the decisions taken during the 74th meeting of the Tamil Nadu State Coastal Zone Management authority held on 09.10.2013.

AGENDA ITEM NO.03 Coastal Protection - Application of SAB (Sediment Accumulator in Beach) Technology for shore protection works intended to protect the beachfronts from the coastal erosion - presentation regarding.

The Chairman has categorically stated that it should be ensured, spot remedies for the shore protection measures should not shift the problems to another areas and shoreline evolution should be observed before introducing any technology.

The applicant has indicated that shore protection at Radission Temple Bay Resort of Mahabalipuram has been employed during 2008 and there is no adverse impact till date. Hence the Authority resolved to inspect the said project site by a team consisting of Expert Members of TNSCZMA along with PWD officials for evolution and to assess other environmental aspects and submit a report to the Authority.

.2.

AGENDA ITEM NO.04 Proposed project of design, Fabrication, Testing and Installation of Solar Multi Effect Distillation System for providing potable water in arid rural areas at Narippaiyur village, Kadaladi Taluk, Ramanathapuram district at S.No. 285/2B4 proposed by M/s. KGDS Renewable Energy Private Limited, Coimbatore.

As the proposal is the first of its kind indigenous solar thermal desalination plant and the technology show cases the collaborative research work of the NIOT (an autonomous R&D organization under the Ministry of Earth Sciences and KGDS Renewable Energy Private Limited (an in house R&D unit recognized by the Department of Scientific and Industrial Research, GoI) and the applicant has also intended to utilize the existing TWAD Board Desalination plant facilities., the Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) It shall be ensured that the temperature of outfall seawater shall not higher 5° C than that of intake seawater temperature..
- b) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- c) There should not be any extraction of ground water in CRZ.
- d) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.
- e) Necessary consents from TNPCB shall be obtained.

AGENDA ITEM NO:05 Setting up of a Beach Resort - Change of built up area on the construction of a Beach Resort in S.F No.211/2B2, 211/2C, 211/2D, 215/1B2, 215/1C and 215/1D of Nemilli Village, Chengalpattu Taluk, Kancheepuram District proposed by M/s. Adayar Gate Hotels Ltd., Chennai

M/s. Adayar Gate Hotels Ltd., Chennai has constructed the resort based on the allowable FSI and Non-FSI, after getting the Planning Permission duly from the Department of Town and Country Planning (DTCP) and the existing FSI is retained as such and Non-FSI area is increased due to the provisions of amenities.

.3.

The Regional Central Ground Water Board, Chennai in their letter No. T(8)/48/CRZ-2013 - 2065 dated 28.10.2013 has stated that no digging of sand has been made as the applicant has constructed building over the land and no basement (under ground) and hence issuing of NOC doesn't arise.

2) In view of above facts, the Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The conditions already imposed in the Environmental Clearance issued in Ir. No. 78/2007-IA-III dated 15th April 2008 should be adhered without any deviation.
- b) Planning Permission (renewal) should be obtained from the Department of Town and Country Planning for the above constructions.
- c) Consent to operate from Tamil Nadu Pollution Control Board should be obtained.
- d) Environmental Clearance shall be obtained under EIA Notification 2006 from the State Environmental Impact Assessment Authority.
- e) 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.
- f) The overall height of construction upto the highest ridge of the roof, shall not exceed 9metres.
- g) 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.
- h) There should not be any ground water extraction in the CRZ.
- i) There should not be any sea water intrusion due to the project activities and periodical water quality monitoring shall be conducted.
- j) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.

.4.

- k) Suitable sludge disposal mechanism shall be evolved for the proper safe disposal of sludge in the project area.
- l) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC).
- m) The possibilities of utilization of solar energy to the maximum extent shall be explored.

AGENDA ITEM NO:06 **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 above proposals 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.
- 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.
- h) There should not be any ground water extraction in CRZ.

.5.

- 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.

AGENDA ITEM NO:07 **Setting up of a Beach Resort at S.F. No. 46/3C, Devaneri Hamlet, Mahabalipuram village, Thirukalukundram Taluk, Kancheepuram distict proposed by M/s. Raja Rajeswari Hotels (Chennai) Pvt., Ltd., Chennai.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, 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 9metres and the construction shall not be more than two floors (ground floor plus one upper floor).
- c) Basement 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.

.6.

- 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).
- 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.

AGENDA ITEM NO.08 Proposed construction of Ice Plant at S.No. 628/7A1, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru R. Thanumoorthy., Nagercoil.

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

- a) The applicants shall furnish an Environment Management Plan for handling Ammonia in the event of any leakage / spillage.
- b) There should not be any ground water extraction in CRZ
- c) The Safety measures system indicated in the Project profile which facilitates safety plant operation shall be erected without fail and shall also to be maintained properly.
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.

.7.

AGENDA ITEM NO.09 Proposed construction of Sri Jain Temple cum Rest Room at S.No. 528/4,5 Agastheeswaram village, Agastheeswaram Taluk, Kanyakumari district proposed by Shri Jain Teerth Sansthan (Ram Deora), Chennai.

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

- a) Planning permission should be obtained for the proposed constructions from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations including FSI/FAR as on 19.02.1991.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.

AGENDA ITEM NO:10 Proposed construction of shoreline protection structures in Tamil Nadu by the Public Works Department - direction issued by the National Green Tribunal - further action regarding.

A meeting was convened by the MoEF., GoI at New Delhi on 18.12.2013, on the subject and the Member Secretary, TNSCZMA, who attended the said meeting, has briefed that the MoEF., GoI have requested all the States to make a study and evolve the measures for sustainable coastal zone management as directed by the NGT.

2) In this connection he further added, as a part of the project viz., Assessment of shoreline change for India, shoreline changes in the coastline of Tamilnadu has been mapped by Institute of Ocean Management (IOM)/ National Center for Sustainable Coastal Management (NCSCM). As the shoreline change assessment maps prepared by the NCSCM is the first of its kind, having the erosion study data on shoreline changes in Tamilnadu for the period from 1972 to 2010 about 30 years., the Authority has validated the said maps in the 67th meeting held on 10.07.2013.

3) Hence the Member Secretary, TNSCZMA has suggested that the Institute of Ocean Management/ the National Center for Sustainable Coastal Management may be requested to make a study especially on sediment cells and evolve/ suggest the measures for sustainable coastal zone management in respect of the 13 districts in Tamil Nadu, within a period of two months and the fact may be informed to the NGT. The Authority has accepted the suggestions put forth by the Member Secretary, TNSCZMA and resolved to request NCSCM to furnish a report as indicated above accordingly.

AGENDA ITEM NO.11 Status report on the conduction of Public hearing on the Coastal Zone Management Plan Maps.

The Authority pointed out that the public consultation process has been initiated to complete the process within the time limit prescribed by the MoEF., GoI. The Member Secretary, TNSCZMA has informed that the main apprehension of fishermen associations is that the draft CZMP maps in 1:25000 scale, should be made available in Tamil Version and the local level CZMP maps in 1:5000 scale shall be prepared before the approval of 1:25000 scale draft CZMP maps. In this connection the Member Secretary, TNSCZMA has informed that the Tamil Version of all the draft CZMP maps in 1:25,000 scale has already been uploaded in the Website of Department of Environment and arrangements have been made to send the hard and soft copies of the same to the concerned District Authorities. Further it is pointed out that the MoEF., GoI have issued guidelines in the CRZ Notification 2011, that the local CZMP level 1:5000 scale maps shall be prepared on the approval of 1:25000 scale draft CZMP maps by MoEF., GoI.

2) Hence the Authority resolved to proceed the conduction of public hearings as per schedule to complete the same within the time frame and explore the possibilities of preparation of draft local level CZMP maps in 1:5000 scale at the earliest through Institute of Remote Sensing, Anna University, who has already prepared HTL cadastral maps for Tamil Nadu.

3) With reference to the suggestions/ views expressed by the Department of Environment and the Chennai Metropolitan Development Authority, it is informed that the same will be considered and incorporated in the draft CZMP maps, before their finalization.

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

Sd/-
Thiru Mohan Verghese Chunkath., I.A.S.,
Chairman, TNSCZMA and
Addl., Chief Secretary to Government,
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