

AGENDA NOTES

74th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 09.10.2013
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:

09.10.2013 - 04.00 P.M.

Venue: PWD Conference Hall, 5th floor,

Secretariat, Chennai - 600 009

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

The 73rd meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 12.08.2013 and the minutes were communicated in letter no. P1/141/203 dated 27.08.2013 of Director of Environment. It may be confirmed.

MINUTES OF THE 73rd MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 12.08.2013

AGENDA ITEM NO.01: Confirmation of the Minutes of the 72nd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 07.06.2013.

The minutes of the 72nd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 07.06.2013 communicated in Letter No.P1/141/2013 dated 20.06.2013 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 72nd 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 72nd meeting of the Tamil Nadu State Coastal Zone Management authority held on 07.06.2013.

AGENDA ITEM NO.03 Eco-restoration of Adyar Creek and Estuary in 300 acres in Chennai proposed by Chennai Rivers Restoration Trust (CRRT, Chennai

The Authority resolved to recommend the proposals to Ministry of Environment and Forests, GOI for clearance subject to the following specific conditions:

- a) The Meteorological data furnished in the EIA report are pertaining to the year 1951-1980. A report with latest data shall be provided. Similarly, with regard to the Demography of the settlements, near to Adyar Eco-park furnished in the EIA report pertains to the year 2001. The (latest) 2011, Census data should be furnished.
- b) As the important project activity, it is proposed to remove a total of 348,953 cubic meter of sediment and debris from the creek and river mouth. The removal, transportation and disposal of these wastes should be done without causing any adverse impact on environment and people.

.3.

Specifically, how much will be disposed on-site and how much will be taken up by other Government Departments should be specified. Details should be furnished as to how the final disposal will be designed to safeguard environment.

- c) The specific details of the point and non-point sources of pollution in the Adyar river and how these sources of pollution are proposed to be controlled, should be furnished.
- d) In order to maintain freshwater in the Adyar river, the feasibility of storage of rain water in the upstream region should be explored.
- e) The report should cover the methods to control the adverse impact of the North and South Buckingham Canal on the creek water quality.
- f) Like in the case of Adyar Poonga Project, a suitable mechanism should be evolved to monitor the project impact. The mechanism should include monitoring by reputed institutions like Anna University, IIT etc.,
- g) The specific details of dumping sites of debris, sludge and soil and the quantum of dumping shall be furnished. As they are semisolids a methodology for transportation shall be evolved and furnished.
- h) As suggested by the NCSCM one time removal of debris, Plastics and sludge and also dredging should be made as per the bathymetry modeling studies by using gridded bathymetry data.
- i) Precaution should be taken to avoid settling of sprayed sludge materials on its way to the mouth. The activity should be carried without affecting the tidal inflow of water.
- j) Disposal of dredged soils as landfills at any other designated site may severely contaminate the ground water especially after rains due to leaching. Hence suitable preventive measures should be carried out for the proper disposal of dredged materials duly segregating the plastics and non-degradable materials. Due care shall be taken for the safe transportation of debris, sludge, plastic wastes etc.,

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- k) The dredging, removal of sediments is linked with the activity of "sustainable opening of mouth". The said activity shall be carried out based on the bathymetry and also due care shall be taken for the safe disposal of dredged materials.
- l) The composition and quality of materials to be used to reclaim should be duly analysed periodically and examined to prevent the presence of toxic content.
- m) There shall be no drawl of ground water in CRZ area.
- n) Necessary adequate follow-up action shall be explored to stop the untreated domestic and industrial waste into the Adyar river from the origin and also through Buckingham Canal to keep the Adyar river and estuary from degradation and also to maintain the eco-restoration effectively.
- o) Continuous water quality monitoring shall be undertaken.

AGENDA ITEM NO:04 Improvements to North Chennai Thermal Power Station Road and Ennore Port Road proposed by Tamil Nadu Road Development Company Limited, Chennai.

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

- a) Before commencing the activity, the applicant shall furnish the following reports:
 - (i) In the road widening operation, due to the use of machineries, heavy noise will be generated. The Specific details of the noise prevention and control measures should be furnished.
 - (ii) A detailed report on the existing underground facilities passing along the road, viz., crude oil pipelines, water supply, Electricity cables, drainage etc., and the impact on those facilities due to the expansion/strengthening of the project road and also due to the transport of heavy loaded special vehicles, should be furnished along with protection measures proposed.

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- (iii) A report on the R&R (Rehabilitation and Resettlement) with the details of estimated affected people, time frame for implementation etc., after duly indentifying the people for rehabilitation. The proponent should ensure the implementation of Rehabilitation and Resettlement activities before the commencement of project activities.
- (iv) A detailed report on the number of trees to be cut and removed and green belt plantation to be undertaken along with type of trees and their maintenance etc.,
- b) The activities should not affect the tidal inflow of water in the Buckingham canal.
- c) There shall be no extraction of ground water.
- d) No liquid or solid waste shall be generated and disposed off in CRZ.

AGENDA ITEM NO.05 Setting up of sea water intake and outfall HDPE pipe line structures with reference to the desalination plant for the Zirconium plant, Pazhayakayal village, Thoothukudi district proposed by the Department of Atomic Energy.

The Authority resolved to recommend the proposals to Ministry of Environment and Forests, GOI for clearance subject to the following specific conditions:

- a) NoC from the PWD should be obtained prior to the commencement of activities for the disposal of brine into the Madiketan Odai.
- b) NoC from the Tamil Nadu Pollution Control Board shall be obtained prior to the commencement of activities.
- c) Characteristics of reject water (brine) and the quantity of reject water shall be furnished along with the composition of chemicals in the brine. A report on the impact of reject on the canal water quality and on the sea water quality should be furnished. The impact of these changes on the Biological environment should outlined.

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- d) Other than the brine, there should not be any other discharge of effluents/ reject into the sea/Odai through the above facilities.
- e) A system shall be evolved for a close and continuous monitoring during installation phase and as well as implementation phase through the reputation institutions such as SDMRI, Tuticorin/ National Center for Sustainable Coastal Management (NCSCM)/ Gulf of Mannar Biosphere Trust.

AGENDA ITEM NO:06 **Proposed drawal of sea water and disposal of treated effluent into sea in connection with the Neutraceutical Division in R.s. No. 237 & 238/1 part at Chitthrakottai village, Ramananathapuram district proposed by M/s. EID Parry India Limited.**

The Authority resolved to recommend the proposals to Ministry of Environment and Forests, GOI for clearance subject to the following specific conditions:

- a) NoC from the Tamil Nadu Pollution Control Board shall be obtained prior to the commencement of activities.
- b) A small STP should be constructed for the proper treatment and disposal of the sewage generated.
- c) There should not be any ground water extraction in CRZ.
- d) Proper arrangements should be made for the disposal of solid wastes generated in the project area.

AGENDA ITEM NO:07 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 Authority resolved to clear the proposals subject to the following specific conditions:

- a) As the construction of Block A with banquet hall and common basements have been completed, the Authority resolved to accord permission for the conversion of Block A into residential apartments with common basements based on the existing Development Control Rules (DCR) prevailing during 2008, which was in force at the time of issuance of Planning Permission to the above project.
- b) The banquet hall shall be demolished since it is a needed facility for the Hotel and not for the residential conversion.
- c) The total built up area of the project should be limited to the FSI of 2.5 as per D.R. in force as on 19.02.1991. As such the total constructions should be restricted, as proposed by the applicant, to the achievable FSI of 2.49 i.e., upto 57,410.46 sq.mt., which is allowable as on 19.02.1991.
- d) As the applicant has already constructed common basements with Block A of 37,364.68 sq.mts., the eligible balance constructions of Block B should be restricted to 20,045.78 sq.mts., and the overall height of Block B should not exceed 18mts as per the norms/regulations of D.R. Rules in force as on 19.02.1991.
- e) Environmental Clearance under EIA Notification 2006 should be obtained as the project construction exceeds 20,000 sq.mts.
- f) Planning permission should be obtained from the CMDA prior to the commencement of further constructions.
- g) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- h) There should not be any ground water extraction in CRZ.

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AGENDA ITEM NO:08 Proposed modernization and re-construction of existing buildings of M/s. Carborundum Universal Limited., Chennai in its exiting factory at S.No. 3/2, 3/3, 6/1B, 3A, 6/1B, 3B, 6/1B 3C, 12/2, 12/3, 12/4, 14/2 of Block-1, Thiruvottiyur.

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

- a) Planning permission should be obtained from the CMDA prior to the commencement of further constructions.
- b) NOC from Tamil Nadu Pollution Control Board shall be obtained.
- c) A report on the process layout of finished products viz., bonded grinding wheels, coated sheets and refractories in CRZ area. Further the details of pollution load of existing permitted production capacity levels and proposed production levels after changing the finished product mix.
- d) There should not be any expansion of existing activities.
- e) There should not be any ground water extraction in CRZ.
- f) Proper arrangements should be made for the disposal of solid wastes generated in the project area.

AGENDA ITEM NO:09 Construction of new dwelling houses at Kanniyakumari village, Agastheeswaram Taluk.

The Authority resolved to clear the two proposals 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: Integrated Coastal Zone Management Plan for Tamil Nadu documented under Emergency Tsunami Reconstruction Project through M/s. DHI India water and Environment

The Authority resolved to send a copy of CZMP reports prepared by M/s DHI India Water and Environment, New Delhi to Ministry of Environment and Forests, GoI. Further the Authority resolved to send copies of the reports to the implementing agencies and to all the District Coastal Zone Management Authorities to make use of the said reports for decision making/ planning activities for the development of coastal areas, as a base document.

AGENDA ITEM NO:11 Preparation of Coastal Zone Management Plan Maps with reference to the CRZ Notification 2011

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. Further the Authority resolved to send copies of the draft CZMP Maps to CMDA and Department of Town and Country Planning for furnishing remarks/ suggestions/ recommendations, if any.

AGENDA ITEM NO. 12: Periodical inspections to review and check the adherence of conditions imposed in the Environment Clearances - carrying out marine baseline studies - methodologies regarding.

The Authority resolved to accept the suggestions/methodologies of Dr. B.R. Subramanian, Member of TNSCZMA who is the Retired Project Director of ICMAM Project Directorate, Ministry of Earth Sciences, on the institutional arrangements for Coastal water monitoring for Tamil Nadu Coast. The Authority resolved to request Ministry of Environment and Forests, Government of India to allocate funds for the permanent coastal water monitoring.

AGENDA ITEM NO. 13: Constructions along the Kovalam Estuary near Muttukadu, Kancheepuram district - follow up action - regarding.

Regarding the massive encroachment along the Kovalam Estuary, Buckingham canal and beach near Kovalam river mouth (mugathuvar kuppam), as per the instructions of the Chairman, TNSCZMA., the Green Squad of Department of Environment has inspected the coastal areas of Kovalam on 29.07.2013. Based on the reports of the Green Squad, the District Coastal Zone Management Authority (DCZMA), Kancheepuram was requested to take suitable, stringent action on the violators on 30.07.2013.

2) Further "The New Indian Express" have published an article on 31.07.2013 on the above issue, under the heading " Construction work gobbles up parts of kovalam Estuary, flouts CRZ norms". Based on the article, the Hon'ble Green Tribunal have on its own motion (suo motu) in application No. 180/2013 passed an interim injunction on 31.07.2013 " and issued directions that the District Collector shall effectively implement this order and file.

4) In this connection the Green Squad of this Department have also inspected some more sites at, Kovalam, Vada Nemmeli, Nemmeli & Pudukalpakkam villages on 01.08.2013 & 02.08.2013 and a copy of said reports have also been sent to the DCZMA for taking stringent action on the violators. The Chairman, DCZMA has also taken suitable action in this matter.

5) In this connection it is pointed out that a meeting on Identifying violations and to take action on such violations under CRZ Notification 2011/EP Act was held on 13th February 2013 at Secretariat under the Chairmanship of the Addl. Chief Secretary to Government, Environment and Forests Department/ Chairman, TamilNadu State Coastal Zone Management Authority with the representative of all the Coastal District Collectors, Coastal District Environmental Engineers of TNPCB, Representatives of Chennai Metropolitan Development Authority (CMDA), Corporation of Chennai etc. Based on the

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discussions instructions have been issued in Ir. No. P1/169/2011 dated 23.02.2013 to all the Chairman, District Coastal Zone Management Authorities/ Coastal District Collectors, all the coastal District Environmental Engineers of TNPCB, CMDA, Corporation of Chennai to identify violations in CRZ and send the said details periodically along with the details of action taken. The Authority placed the above facts on record and resolved to re-iterate instructions issued in this office letter dated 23.02.2013 indicated above.

AGENDA ITEM NO.14 : Any other issues with the permission of the Chair

During the discussions, the Chairman has requested the Members of the Authority to suggest guidelines about the absolute minimum documentation/ reports and also the minimum basic particulars to be furnished by the project proponents to the Authority for consideration of the Project.

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 73rd meeting of the Authority held on 12.08.2013 are given below:

SI. No	Description of proposals	Action taken
01	Eco-restoration of Adyar Creek and Estuary in 300 acres in Chennai proposed by Chennai Rivers Restoration Trust (CRRT), Chennai	As resolved further details were called for in letter dated 27.08.2013 and the details have been received from the CRRT, Chennai on 26.09.2013. The details are under scrutiny.
02	Improvements to North Chennai Thermal Power Station Road and Ennore Port Road proposed by Tamil Nadu Road Development Company Limited, Chennai.	As resolved further details were called for in letter dated 27.08.2013 and the details have been received from the TNRDC, Chennai on 30.09.2013. The details are under scrutiny.
03	Setting up of sea water intake and outfall HDPE pipe line structures with reference to the desalination plant for the Zirconium plant, Pazhayakayal village, Thoothukudi district proposed by the Department of Atomic Energy.	As resolved further details were called for in letter dated 27.08.2013 and the details have been received from the DAE on 30.09.2013. The details are under scrutiny.
04	Proposed drawal of sea water and disposal of treated effluent into sea in connection with the Neutraceutical Division in R.s. No. 237 & 238/1 part at Chitthrakottai village, Ramanathapuram district proposed by M/s. EID Parry India Limited.	As resolved the proposals have been sent to Environment and Forests Department in Ir. No. P1/1044/2013 dated 30.08.2013 for taking further action.
05	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.	As resolved, Clearance under CRZ Notification has been issued in letter No. 1437/2013/P1 dated 23.09.2103.

06	Proposed modernization and re-construction of existing buildings of M/s. Carborundum Universal Limited., Chennai in its exiting factory at S.No. 3/2, 3/3, 6/1B, 3A, 6/1B, 3B, 6/1B 3C, 12/2, 12/3, 12/4, 14/2 of Block-1, Thiruvottiyur.	As resolved, Clearance under CRZ Notification has been issued in letter No. 1503/2013/P1 dated 10.09.2103
07	Construction of new dwelling houses at Kanniyakumari village, Agastheeswaram Taluk	As resolved, Clearances under CRZ Notification have been issued in letter No. 1109/2013/P1 dated 27.08.2103 & No.1110/2013/P1 dated 27.08.2013.
08	Integrated Coastal Zone Management Plan for Tamil Nadu documented under Emergency Tsunami Reconstruction Project through M/s. DHI India water and Environment	As resolved copy of maps/reports have been sent to ETRP wing of Revenue Department and Government in Ir. No. P3/1164/2009 dated 03.09.2013.
09	Preparation of Coastal Zone Management Plan Maps with reference to the CRZ Notification 2011	As resolved a copy 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. In this connection the DCZMAs have requested to release financial assistance to conduct the public hearing and for related expenditures. A sum of Rs.70,000/- (Rupees seventy thousand only) each may be released to the DCZMAs to conduct the public hearing and to meet out other connecting expenditures.
10	Constructions along the Kovalam Estuary near Muttukadu, Kancheepuram district - follow up action - regarding	As resolved all the DCZMAs are requested to take action on the violations of CRZ Notification 2011 and send the said details periodically along with the details of action taken.

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 District Coastal Zone Management Authority for Nagapattinam district have forwarded a proposal with relevant documents for the 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.

2) Under the proposal it is proposed for the construction of Rubble Mound Sea Wall for a length of 1450 mts, groynes for a length of 498 mts and river training wall for a length of 200mts at Vanagirikuppam village. The site is falling in CRZ-I inter tidal Zone and CRZ-III. The project cost is Rs. 33.95 crores. The applicant has furnished modeling studies, EIA, EMP etc., along with Risk Assessment and Disaster Management Plans.

3) The District Coastal Zone Management Authority of Nagapattinam has recommended the proposal to TNSCZMA in the meeting held on 10.07.2013. During the meeting the DFO informed that the sea turtle breeding place is located nearer to the project area and the effect of the project on this may be studied.

4) The above said activity is permissible activity as per para 3 (iv) (b) of CRZ Notification 2011. However it requires clearance from the Ministry of Environment and Forests, GoI as per para 4 (ii) (a) of CRZ Notification 2011., as the said activities have not been listed in the EIA Notification 2006.

5) The Authority may consider.

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 District Coastal Zone Management Authority for Nagapattinam district have forwarded a proposal for the 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.

2) Under the proposal it is proposed for the construction of spurs to a length of 100mts to + 4.50 mts and construction of Rubble Mound Sea Wall for a length of 850 mts at Thirumullaivasal. The site is falling in CRZ-I inter tidal Zone and the project cost is Rs. 1526 lakhs. The applicant has furnished modeling studies, EIA, EMP etc., along with Risk Assessment and Disaster Management Plans.

3) The District Coastal Zone Management Authority of Nagapattinam has recommended the proposal to TNSCZMA in the meeting held on 10.07.2013. During the meeting the DFO informed that the sea turtle breeding place is located nearer to the project area and the effect of the project on this may be studied.

4) The above said activity is permissible activity as per para 3 (iv) (b) of CRZ Notification 2011. However it requires clearance from the Ministry of Environment and Forests, GoI as per para 4 (ii) (a) of CRZ Notification 2011., as the said activities have not been listed in the EIA Notification 2006.

5) The Authority may consider.

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 PWD has proposed to construct RMS wall and groynes along 4.70 km coastal stretch along Devanampattinam, Suba Uppalavadi and Thazhanguda coastal villages (LS 800 to LS 1220 M) in Cuddalore Taluk. The total length of the Rubble Mound Sea Wall is 3128 mts , Groyne fields at 11 locations with the total length of 2100 mts and 6 numbers of training walls with the total length of 1474 mts. The area is falling in CRZ-I (B) inter tidal zone. The applicant has furnished required documents and the DCZMA has forwarded the proposals with due recommendations. The project cost is 48.64 crores.

2) The applicant has furnished modeling studies, EIA, EMP etc., along with Risk Assessment and Disaster Management Plans.

4) The District Coastal Zone Management Authority of Nagapattinam has recommended the proposal to TNSCZMA in the meeting held on 17.09.2013.

5) The above said activity is permissible activity as per para 3 (iv) (b) of CRZ Notification 2011. However it requires clearance from the Ministry of Environment and Forests, GoI as per para 4 (ii) (a) of CRZ Notification 2011., as the said activities have not been listed in the EIA Notification 2006.

6) The Authority may consider.

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.

Government of TamilNadu in Public Works Department have issued administrative sanction in GO. Ms. No. 269 dated 16.12.2011, among other things, for the constructions of groynes and seawalls at Thevanampattinam village of Cuddalore district at a cost of Rs.179.80 lakhs.

2) The District Coastal Zone Management Authority for Villupuram district have forwarded a proposal with relevant documents for the proposed construction of shoreline protection structures between the villages of Sothanaikuppam to Bommaiarpalayam in Vanur Taluk of Villupuram district proposed by the Executive Engineer (WRD), Public Works Department, Lower Pennaiyar Basin Division, Villupuram for clearance under CRZ Notification 2011.

3) Under the proposal it is proposed for the construction of Rubble Mound Sea Wall and Groynes, at several places at a stretch of 5 Kms

The site is falling in CRZ-I inter tidal Zone and CRZ-III. The project cost is Rs. 30 crores. The applicant has furnished EIA, EMP, Risk Assessment, Disaster Management Plans.

4) However the DCZMA, Villupuram has informed that part of the construction has already been completed and an application has been filed at NGT against the proposal in application no. 04/2013 and the PWD filed the counter affidavit (copies enclosed). The PWD has stated that due to emergency, part of the proposed RMS wall has been constructed on the interest of public and to safeguard the habitation.

5) The District Forest Officer, Villupuram has objected the proposal as the shoreline structures will disturb the Turtle Nesting and also in view of the implementation of sea turtle conservation programme along with Villupuram district coast.

6) The above said activity requires clearance from the Ministry of Environment and Forests, GoI as per para 4 (ii) (a) of CRZ Notification 2011., as the said activities have not been listed in the EIA Notification 2006.

7) The Authority may consider.

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.

The District Environmental Engineer, TNPCB/ Convenor of District Coastal Zone Management Authority, Kanyakumari district has forwarded a proposal for the Mining of Rare minerals in mining lease area of 7.06 hectares at Manavalakurichi village of Kalkulam taluk in Kanniyakumari district falling in R.S. Nos. 378, 379, 387, 388, 402, 403, 404 & 652., proposed by M/s. Indian Rare Earths Limited, Manavalakurichi.

2) The applicant has furnished documents and indicated that the above said mining lease over an extent of 7.06 hectares have been granted under G.O.Ms. No. 3707 dated 01.11.1968 by the Industries Department of Government of Tamilnadu. The lease deed was executed on 31.08.1970 and requesting further grant of mining lease for the further period of 20 years. M/s. IRE have indicated that the above application is submitted for undertaking existing mining lease area and not for new/expansion/modernization. The indicated that they proposed for the production of 70,000 tons of mineral sand annually. Nearly the entire project area is falling in CRZ I (B) inter tidal zone and small area is falling in CRZ-III.

3) As per CRZ Notification vide para 3 (x) mining of rare minerals which are not available out side CRZ areas is permissible activity. Further vide para 4 (ii) (g) of the said Notification the proposal requires clearance from the MoEF., GoI. However the said activity is not a permissible activity in CRZ-I B i.e., inter tidal zone but permissible only in CRZ-III vide para 8 III CRZ III A (iii) (c). However the CRZ Notification is applicable from the date of issue of CRZ Notification.

4) The Authority may consider.

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 District Environmental Engineer, TNPCB/ Convenor of District Coastal Zone Management Authority, Kanyakumari district has forwarded a proposal for the 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, Manavalakurichi.

2) The applicant has furnished documents and indicated that the above said mining lease over an extent of 141.22 hectares have been granted under G.O.Ms. No. 1114 dated 12.08.1981 by the Industries Department of Government of Tamilnadu. The lease deed was executed on 17.06.1984 and requesting further grant of mining lease for the further period of 20 years. M/s. IRE have indicated that the above application is submitted for undertaking existing mining lease area and not for new/expansion/modernization. The indicated that they proposed for the production of 10,00,000 tons of mineral sand annually. The project sites are falling in CRZ I (B) inter tidal zone and CRZ III and some areas of the project falls outside CRZ area. The total land value of the project is 515 lakhs.

3) As per CRZ Notification vide para 3 (x) mining of rare minerals which are not available out side CRZ areas is permissible activity. Further vide para 4 (ii) (g) of the said Notification the proposal requires clearance from the MoEF., GoI. However the said activity is not a permissible activity in CRZ-I B i.e., inter tidal zone but permissible only in CRZ-III vide para 8 III CRZ III A (iii) (c). However the CRZ Notification is applicable from the date of issue of CRZ Notification.

4) The Authority may consider.

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.**

M/s. Kences Constructions Private Limited, Chennai has proposed to reconstruct the existing Beach Resort at S.F. No. 47/3, 3(a) and 3 (b) of Devaneri village, Thirukalukundram Taluk, Kancheepuram district in an extent of 3.506 hectares (35060.728 sq.mts.). The entire project area is falling in CRZ-III. The existing built up area is 2624.50 sq.mts (1,248 sq.mts., in No Development Zone and 1,376 sq.mts., in 200-500mts from HTL development zone)., for which Planning Permission was obtained during 1979 & renewed during 1980.

2) Further the applicant proposed to modify the existing approved cottages of 95 rooms besides other features comprising of restaurants, bar and spa & swimming pool with ground floor and first floor without changing the foot print area of the existing structures. The applicant also proposed to develop the resort with new building of Banquette Halls in the development zone area (ie., in between 200m to 500m) in 2654.90 sq.mts. The total built up area of 5279.40 sq., mts., including the existing built up area. The total height of the building is 8.23 m. The Total cost of the project is 25.00 crores.

2) The total water requirement for various uses is 100 KLD and will be met through outsourcing. The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 80 KLD. The treated sewage of 55 KLD is to be utilized for gardening purpose and the remaining quantity of 10 KLD will be reused for cooling tower make up and the remaining quantity of 25 KLD will be used for toilet flushing. The applicant has proposed to draw ground water from their own premises which is located at SF No. 63/3 pt., 63/2 pt and 60/10 part of Mamallapuram village and furnished a copy of application submitted to the Regional Ground Water Board for NOC.

3) The food waste and other organic waste of 275 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 100 Kg/day will be disposed through recyclers. The STP sludge of 25 kg/day will be used for manure for gardening. The unit proposed to install DG sets of 1 x 250 KVA & 1x 380 KVA with inbuilt acoustic measures.

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

5) As per CRZ Notification 2011, vide para 1 (a) of Annexure III, there shall not be any development in No development Zone. Further the total covered area of all floors shall not exceed 33% of the plot size., the FSI shall not exceed 0.33. Further in No Development Zone reconstruction shall be allowed not exceeding existing floor space index, existing plinth area and existing density. The applicant has proposed to construct FSI of 0.15. The applicant has not proposed any additional construction in NDZ.

6) 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.

7) The Authority may consider.

AGENDA ITEM NO:10 **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 applicant proposed to develop resort with a facility of 104 rooms besides other features comprising of restaurant, bar and Spa. with basement floor, ground floor and first floor with total built up area of 9030 sq.mts. (FSI 0.325) within the development of zone of 200mts to 500mts with CRZ. The total height of the building is 8.8 mts from ground level. The Total cost of the project is 26.00 crores.

2) The total water requirement for various uses is 88 KLD and will be met through outsourcing. The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 71 KLD. The treated sewage of 40 KLD is to be utilized for gardening purpose and the remaining quantity of 10 KLD will be resued for cooling tower make up and the remaining quantity of 21 KLD will be used for toilet flushing. 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.

3) The food waste and other organic waste of 200 kg/day generated from the resort will be converted as manure through organic waste converter system and the same will be sued for landscaping and gardening purposes The inorganic waste of 2500Kg/day will be disposed through recyclers. The STP sludge of 8 kg/day will be used for manure for gardening. The unit proposed to install DG set of 2 x 625 KVA with stack of 10 m height and with inbuilt acoustic measures.

.23.

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 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.

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

6) 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.

7) The Authority may consider.

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

The District Coastal Zone Management Authority of Kancheepuram district has forwarded a proposal to set up of a Beach Resort at S.F. No. 125/1A3 of Kokilamedu village, Thirukalukundram Taluk, Kancheepuram distict proposed by M/s. Silver Reeds Hotels and Resorts Private Limited., Mumbai., in an extent of 10.390 hectares (1,03,906.02 sq.mts.). The entire project area is falling in CRZ-III. The applicant proposed to develop resort with a facility of 31 cottages, 92 guest rooms besides other features comprising of restaurants, meeting hall etc., with ground floor and first floor with total built up area of 29,406.35 sq.mts. (FSI 0.226) within the development of zone of 200mts to 500mts in CRZ. The total height of the building is 8.93 mts. The Total cost of the project is 27.43 crores.

2) The total water requirement for various uses is 89 KLD and will be met through outsourcing. The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 66 KLD. The treated sewage of 11 KLD is to be utilized for gardening purpose and the quantity of 30 KLD will be resued for cooling water make up and the remaining quantity of 25 KLD will be used for toilet flushing.

3) The food waste and other organic waste of 240 kg/day generated from the resort will be converted as manure through organic waste converter system and the same will be sued for landscaping and gardening purposes The inorganic waste of 161 Kg/day will be disposed through recyclers. The STP sludge of 9 kg/day will be used for manure for gardening. The unit proposed to install DG set of 2 x 750 KVA with stack of 14.5 m height.

.25.

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 62,343.61 sq.mts., of site is falling in between 200 mts and 500 mts from HTL of sea. The project area of 41,562.41 sq. mts., is falling in the No Development Zone.

5) The District Coastal Zone Management Authority, Kanceepuram district, in their meeting held on 20.05.2013, has rejected the proposals. However DCZMA forwarded the project with the following details to the SCZMA.

a) The unit has already constructed permanent structure like compound wall within 0-200 mts from HTL in NO development zone along with the evacuation for the construction activity.

b) Sand dunes were noticed in the project area.

6) In letter dated 11.09.2013, the applicant has made an appeal against the views of DCZMA. The applicant has informed that the compound wall has been erected to avoid encroachment and they will demolish the same during installation of the resort project. Further they stated that there is no sand dune in the site and the heap of sands found around the site is actually due to the leveling exercise carried out for the construction of compound wall. The applicant has submitted an undertaking for dismantle the compound wall and requested to consider the proposal for clearance. In the HTL demarcation maps furnished by the IRS., Anna University sand dunes have not been marked. However the applicant was requested to get the existence of sand dune details from IRS., as on date.

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: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 Ministry of Environment and Forests, GoI have issued Environmental Clearance under CRZ Notification 1991 in F.No. J-19011/6/97-IA-III dated 6th December 2005 for the construction of beach resort at Devaneri village, Mamallapuram, Thirukazhukundram taluk, Kancheepuram district proposed by M/s. Chandrakala Resorts Hotels Ltd. Chennai.

2) As per CRZ Notification 1991 vide para 3 (2) (ia) and as per CRZ Notification 2011 vide para 4.2 (vi) "the clearance accorded to the projects under CRZ Notification shall be valid for the period of five years from the date of issue of the clearance for commencement of construction and operation". The applicant has not commenced the constructions with in five years. Hence the applicant has approached to MoEF., GoI for revalidation for the project. However MOEF., the Expert Appraisal Committee (EAC) for building constructions, CRZ and Infrastructure project, MoEF., GoI in their 113th meeting held at New Delhi have sought for the following details for consideration.

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

3) The applicant has furnished the above reports/maps and the same may be forwarded to MoEF., GoI for consideration, as sought for by the Expert Appraisal Committee (EAC.).

- 4) The Authority may consider.

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 District Collector/ Chairman, DCZMA, Thoothukkudi district has requested for clearance under CRZ Notification 2011 for 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.

2) The site is falling in CRZ-II on the land ward side in between 200mts and 500mts from the HTL of sea. The applicant has proposed to construct 864 sq.ft., building in 1898 sq.ft. area at a cost of Rs. 5.28 lakhs. The Commissioner of Corporation of Thoothukkudi in his letter No. 9807/F2/2011 dated 25.07.2012 has certified that the above construction proposal satisfies the norms for the building rules and issued NOC. The applicant has furnished drawings, topo sketch, estimate etc., The DCZMA, Thoothukkudi have recommended the proposals to the TNSCZMA for consideration.

3) As per CRZ Notification 2011, vide para 8 II CRZ-II (iii) reconstruction of buildings shall be permitted in CRZ-II areas.

4) The Authority may consider.

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 proposal for the 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 was placed as agenda item No.7., in the 73rd meeting, before the Authority for consideration. Minutes of the 73rd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.08.2013 were approved on 24.08.2013.

2) Based on the approved minutes dated 24.08.2013, clearance under CRZ Notification 2011 has been issued to the project in Ir. NO. P1/1437/2013 on 27.08.2013.

3) However subsequently the Member Secretary, CMDA, in his letter NO.C3/8447/2013 dated 03.09.2013 has stated that the resolution minuted as said to have been by the Authority on Agenda Item No.7 is in variation to the discussion and decision taken at the meeting and sought for modification of the minutes suitably.

4) Accordingly, as resolved in the 73rd meeting of the State Coastal Zone Management Authority and also considering the views of CMDA, modifications have been made in the approved minutes on 13.09.2013. Based on the revised minutes revised clearance has been issued to the above proposal in Ir. No. P1/1437/2013 dated 23.09.2013.

5) Copy of the revised minutes is enclosed and it is submitted for the perusal of the Authority for information and ratification.

AGENDA ITEM NO.15 : 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.

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 Government of Tamil Nadu has accorded its approval for the establishment of a TamilNadu Maritime Heritage Museum at Mamallapuram, Kancheepuram district, with the decommissioned submarine INS Vagli as centerpiece to showcase the rich maritime heritage of the State. Tamil Nadu Tourism Development Corporation Ltd., (TTDC) has been appointed as the nodal agency for towing the said Submarine from Chennai Port to Mamallapuram and installing it at the identified site.

2) The Maritime Heritage shall be executed in two phases. The first phase covers the towing and hauling of the submarine and placing on the permanent platform at the identified site at Mamallapuram . The second phase covers the establishment of Maritime Heritage Museum and other allied infrastructure to support the museum.

3) A soft and gentle gradient will be made by adjusting the level of sea sand by making it level with low water line for a width of about 20 metres by a length of 100 metres to facilitate the beaching of the submarine to level with waterline and will be removed after hauling. The submarine after hauling will be positioned in a concrete platform form to be provided at 220 m from HTL of sea. The platform will be constructed of size 100m x 6m. The total cost of the project is Rs.11.00 crores.

4) The applicant has stated that to prevent the project site being used as dumping yard for solid and other wastes, they proposed to develop the site as a park, which is a permissible activity in CRZ - III and in the park, TTDC will exhibit the Submarine INS Vagli as Museum which will show case the rich Maritime Heritage of the State not only to the children, students but also to the whole society. The applicant further indicated that the project will create awareness among our younger generation about the maritime field and to pursue career in the maritime sector.

.2.

5) The applicant assured that the project will be developed as educational, eco-restoration project and the project is not in any way connected to the tourism development or commercial purpose or recreational purpose.

6) The CRZ Notification 2011 insisted vide para (vii) of Notification that dumping of city or town wastes including construction debris, industrial solid wastes, fly ash for the purpose of land filling and the like and the concerned authority shall implement schemes for phasing out any existing practice, if any, shall be phased out . Vide para 8 III CRZ III (A) (iii)(a), setting up of agriculture, horticulture, gardens, pasture, parks, play field, and forestry is permissible activity even in the No Development Zone. The applicant has not proposed any permanent constructions in the No Development Zone.

The Authority may consider.

Sd/-
Member Secretary,
Tamil Nadu State Coastal Zone Management Authority
& Director of Environment
/forwarded by order/
For Director of Environment

**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:

.2.

- 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.

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.

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.

.7.

- 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.

.8.

- 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 distict 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.

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- 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.

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- 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.