

AGENDA NOTES

77th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

**Date: 05.05.2014
Time: 03.00 P.M.**

**Venue: INDUSTRIES CONFERENCE HALL
9th floor, Secretariat,
Chennai - 600 009**

INDEX

Agenda No.	Description	Page No.
01	Confirmation of the minutes of the 76 th meeting held on 21.03.2014.	01
02	The action taken on the decisions of the 76 th meeting of the Authority held on 21.03.2014.	07
03	Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust	08
04	Proposed construction of Workers Training Building, Vivekananda Kendra at S.No. 624/5 Pt.,6 Pt., 626/1 Pt.,2 pt., Kanyakumari village, Agastheewaram Taluk, Kanyakumari district - Clearance under CRZ Notification 2011 regarding.	10
05	Construction of a building for the proposed storage of LPG gas cylinders at S.No. 2/21A1 part 2 of Uthandi Village, Sholinganallur Taluk, Kancheepuram district Proposed by Thiru S.R. Shyam Sundar, Adyar	11
06	Proposed sub-division of Plot in T.S. No. 68/7 (old S.No. 185 part / 211 part), Block No. 62 of Thiruvanmiyur village, Chennai proposed by Thiru K. Sridharan, Chennai - Clearance under CRZ Notification 2011 for the sub-division of plot reg	12
07	Any other issues with the permission of the Chair	13

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

Date & Time: 05.05.2014 - 03.00 P.M. **Venue:** Industries Conference Hall, 9th floor,
Secretariat, Chennai - 600 009

**AGENDA ITEM NO.01: Confirmation of the minutes of the 76th
meeting of the Tamil Nadu State Coastal Zone
Management Authority held on 21.03.2014.**

The 76th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 21.03.2014 and the minutes were communicated in letter no. P1/141/2013 dated 27.03.2014 of Director of Environment. It may be confirmed.

**MINUTES OF THE 76th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 21.03.2014**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 75th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 21.03.2014.**

The minutes of the 75th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.12.2013 communicated in Letter No.P1/141/2013 dated 28.12.2013 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 75th 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 75th meeting of the Tamil Nadu State Coastal Zone Management authority held on 19.12.2013.

**AGENDA ITEM NO.03 Construction of experimental submerged dyke -
Pilot study for sustainable shoreline management at
Kadalur periakuppam, Kancheepuram district
proposed by the Fisheries Department regarding.**

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

- a) There should be sufficient clearance from the submerged dykes to the sea level for the safe, uninterrupted sailing of boats and for fishing activities.
- b) There should be proper markers indicating the presence of dykes to the fishermen.
- c) The fishermen should be properly educated on the proposed experimental project, prior to the commencement of activities.
- d) The activity should not have any adverse impact on the marine organisms.
- e) No road shall be formed in CRZ.

.03.

- f) Only those activities on experimental basis, mentioned in the proposal and which are absolutely essential should be constructed.
- g) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- h) There shall be no extraction of ground water.
- i) There should not be any sea water intrusion or erosion on the adjacent coastal areas due to the proposed experimental activities and to ensure the same, periodical monitoring shall be conducted.

AGENDA ITEM NO:04 Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust.

The Authority resolved to request the applicant to furnish the following additional details for taking further action.

- a) The Gulf of Mannar Bio Sphere reserve is falling with in 10 kms from the project site. The proposal aims to construct the additional berth by dredging about 6 million cu.m of sea bed (up to 8m from bed level) and dump the dredged material into the sea on either side of existing breakwaters which leads to reclaim land from the sea. Dumping of dredged waste is proposed to be completed in a phased manner covering period of two years. The port has claimed that a dispersion study carried out using a dispersion model indicates that the spread of dredged material in the form of plume is limited and it does not affect the surrounding area especially the coral island of Vaan which is part of Marine Park. The island is about 8km north of one of the dumping areas and the dumping area is within the radius of buffer zone of 10 km from the island called Ecologically Sensitive Zone. Therefore dumping in this region requires a close examination.

.04.

- b) The Modeling has been performed based on the secondary data or derived data which may not provide accurate extent of spread of dumped material. It is necessary to collect appropriate field data on currents etc., to perform the model.
- c) The EIA report furnished by the unit is having more baseline data but without adequate impact assessment and management plan with reference to the proposal. A fresh EIA/EMP reports shall be furnished with the probable impact on the existing eco-sensitive zone due to the implementation of the project, mitigation measures to be implemented on the adverse impact, if any. The report should cover Comprehensive Marine Water Quality assessment with reference to the parameters viz., physical, chemical, heavy metals, biological, bacteriological, fish eggs, larvae etc., on the eco-sensitive zone with reference to the project.
- d) 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), Anna University, Chennai/ Gulf of Mannar Biosphere Trust.

AGENDA ITEM NO.05 Environmental Clearance issued already for the development of ship yard cum port complex at Kattupalli village, Ponneri taluk, Tiruvallur district proposed by M/s. L&T Ship building, Chennai - Amendment requested regarding.

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 comply all the conditions stipulated in the Environmental Clearance issued in No. 10-130/2007-IA-III Ministry of Environment and Forests, GOI dated 3rd July 2009.

.05.

- b) The proposed activities should not cause coastal erosion and alter the beach configuration. The shoreline changes shall be monitored continuously.
- c) Chemical waste generated and the sewage generated, if any, should not be discharged into the sea and shall be properly handled.
- d) The waste water generated shall be collected, treated and reused properly.
- e) The proponent shall implement the oil spill mitigation measures without fail.
- f) Disaster Management Plan shall be implemented and Mock drills must be carried out properly and periodically.

AGENDA ITEM NO:06 Widening of the existing ECR of two lane to four lane from 22/300 km to 55/800 km for 18.7 kms proposed by TNRDC in Kancheepuram district.

The Authority resolved to clear the above proposals subject to the following specific conditions;

- a) The village level cadastral maps showing the details of widening of roads in CRZ areas with survey numbers shall be furnished.
- b) The constructions of bridge should be carried out in such a way that they should not affect the hydraulic free flow of water.
- c) Adequate Green belt plantation along the road should be undertaken in consultation with Forests Department.
- d) There shall be no extraction of ground water.
- e) No liquid or solid waste shall be generated and disposed off in CRZ.

AGENDA ITEM NO:07 Proposed construction of Lord Venkateswara Temple at S.No. 633/3, 4 part, 6 part, 7 and 8, Kanyakumari village, Agastheeswaram Taluk, Kanyakumari district proposed by Tirumala Tirupati Devasthanams (TTD), Tirupati.

The Authority resolved to clear the above proposals subject to the following specific conditions;

.06.

- 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 Department of Town and Country Planning prior to the commencement of activities.
- b) There should not be any ground water extraction in CRZ.
- c) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on the local bodies for this purpose.
- d) Green belt development shall be implemented.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.08 Proposed construction of Government Rest House for monitoring and inspection at S.No. 560, Agastheeswaram Village, Agastheeswaram Taluk, Kanyakumari district proposed Forests Department.

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 or Department of Town and Country Planning Concerned.
- 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.

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

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

.07.

AGENDA ITEM NO.02: The action taken on the decisions of 76th meeting of the Authority held on 21.03.2014 are given below:

Sl. No	Description of proposals	Action taken
01	Construction of experimental submerged dyke - Pilot study for sustainable shoreline management at Kadalur periakumppam, Kancheepuram district proposed by the Fisheries Department regarding.	As resolved the proposal has been sent to Environment and Forests Department, GoTN in Ir. No. RoC. No. P1/2660/2013 dated 27.03.2014 for taking further action.
02	Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust., Thoothukkudi.	As resolved the VOC Chidambaranar Port Trust, has been requested to furnish additional details in Ir No. P1/338/2014 dated 27.03.2014. The details have been received in Lr. No. F.59/12/NCB-III & IV/PD/2014/D dated 15.04.2014 and the same are placed as agenda No.3.
03	Environmental Clearance issued for the development of ship yard cum port complex at Kattupilli village, Ponneri taluk, Tiruvallur dt., proposed by M/s. L&T Ship building, Chennai - Amendment requested.	As resolved the proposal has been sent to Environment and Forests Department, GoTN in Ir. No. P1/2622/2013 dated 27.03.2014 for taking further action.
04	Widening of the existing ECR of two lane to four lane from 22/300 km to 55/800 km for 18.7 kms proposed by TNRDC in Kancheepuram district.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Ir. No. P1/512/2014 dated 03.04.2014.
05	Proposed construction of Govt., Rest House for monitoring and inspection at Agastheeswaram Village, Kanyakumari dt., proposed by Forests Department.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Ir. No. P1/514/2014 dated 27.03.2014.
06	Proposed construction of Lord Venkateswara Temple in Kanyakumari village, Agastheeswaram Taluk, Kanyakumari district proposed by Tirumala Tirupati Devasthanams (TTD), Tirupati.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Ir. No. P1/2178/2013 dated 27.03.2014.

AGENDA ITEM NO:03 Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust

The DCZMA for Thoothukkudi district have forwarded a proposal for the Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust, for clearance under CRZ Notification 2011.

2)The subject was placed before the 76th meeting held on 21.03.2014 and the Tamil Nadu State Coastal Zone Management Authority has requested some additional details from the VOC Chidambaranar Port Trust and the Port has furnished reports/ documents (copy enclosed) as follows:

a) The Gulf of Mannar Bio Sphere reserve is falling with in 10 kms from the project site. Especially the coral island of Vaan which is part of Marine Park is about 8km north of one of the dumping areas., within the radius of buffer zone of 10 km in ecologically Sensitive Zone. Therefore dumping in this region requires a close examination.

The Marine Environment of Gulf of Mannar, was surveyed and studied for its ecological sensitivity by SDMRI, Tuticorin and the details were presented in the EIA report (from page 4.94 to 4.176). The dredged material is envisaged essentially in a scientifically designed secured landfill kind of methodology and the bunds will be provided with geo synthetic membranes to prevent any leachate into marine environment. The reclamation of land along the existing breakwaters in both Northern and Southern Break waters, will be through engineered structures which will not allow any pollutant escape or ingress into marine environment. The Dredging will be done through Cutter and Suction Method to have the lease physical disturbance and the modeling studies through MIKE software used to predict the dispersion and accordingly the reclamation proposal was envisaged.

b) The Modeling has been performed based on the secondary data or derived data which may not provide accurate extent of spread of dumped material. It is necessary to collect appropriate field data on currents etc., to perform the model.

The long term data for wind and wave were drawn from UKMO and applied with necessary interpretation in performing the models. The current pattern were modeled and presented from in figures 5.15, 5.16, 5.17,5.18 and 5.19 using filed data. The extent of dredged material and its impact were also freshly studied and provided in the revised EIA report in pages 5.21. to 5.30.

c) A fresh EIA/EMP reports shall be furnished with the probable impact on the existing eco-sensitive zone due to the implementation of the project, mitigation measures to be implemented on the adverse impact, if any.

The details are furnished in the revised EIA report in pages 6.2 to 6.8. The EMP was given a relook and updated vide pages 11.3 to 11.7 of the report. The Marine Environment are presented in pages from 4.42 to 4.176 in the revised EIA report.

d) 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), Anna University, Chennai/ Gulf of Mannar Biosphere Trust.

The SDMRI is already an associate with EIA consultant Centre for Environment, Health & Safety and with DHI India, New Delhi. Port will continue to avail the expertise of SDMRI in the monitoring of Marine Environment.

4) The activity is permissible activity vide para 3 (iv) of CRZ Notification 2011 based on EIA studies. However as per CRZ Notification 2011, vide para 4 (ii) (a) the above said activity requires clearance from the MoEF., GoI.

The Authority may consider.

AGENDA ITEM NO:04: Proposed construction of Workers Training Building, Vivekananda Kendra at S.No. 624/5 Pt., 6 Pt., 626/1 Pt., 2 pt., Kanyakumari village, Agastheewaram Taluk, Kanyakumari district - Clearance under CRZ Notification 2011 regarding.

The DCZMA for Kanyakumari district have forwarded a proposal for the construction of Workers Training Building, Vivekananda Kendra at S.No. 624/5 Pt., 6 Pt., 626/1 Pt., 2 pt., Kanyakumari village, Agastheewaram Taluk, Kanyakumari district for clearance under CRZ Notification 2011.

2) Vivekananda Kendra was started in the year 1973. The Vivekananda Kendra is engaged in various service activities range from Educational, Rural Development, Health, Renewable Energy Resources, Tribal Welfare Programmes etc., throughout India through their 813 activity Centres. All these activities are manned and guided by a team of dedicated workers termed as Jeevanvratīs, Sevavratīs etc., Vivekananda Kendra conducts various in-house training camps and programmes for these workers and they stay at Training Centre in Vivekandanpuram time to time and undergo these programmes. Apart from these Vivekanda Kendra also conducts various residential spiritual yoga and personality development programme at the training centre complex.

3) Hence Vivekananada Kendra proposed to build workers training building which will have eight rooms for trainees and resource personnel accommodation, a prayer cum meditation hall and three halls for dormitory accommodation based on the present requirements. Entire building will have Solar energy for power supply and will be a Green Building with the use of non-conventional and renewable energy resources. The area of proposed GF + FF construction is 7825.40 sq. ft., each and the area of head room is 883.64 sq. ft., The Total Project cost is Rs.2.00 crores.

4) The DCZMA have informed that the site is falling in CRZ-II and certified that the propose building plan satisfies the FSI norms and the project

site is falling on the landward side of the existing road as per CRZ Notification 2011.

5 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.

The Authority may consider.

AGENDA ITEM NO.05 **Construction of a building for the proposed storage of LPG gas cylinders at S.No. 2/21A1 part 2 of Uthandi Village, Sholinganallur Taluk, Kancheepuram district Proposed by Thiru S.R. Shyam Sundar, Adyar.**

The Executive Engineer, Corporation of Chennai has forwarded a proposal for the construction of a building for the proposed storage of LPG gas cylinders at S.No. 2/21A1 part 2 of Uthandi Village, Sholinganallur Taluk, Kancheepuram district Proposed by Thiru S.R. Shyam Sundar, Adyar, Chennai.

2) The applicant has already applied to Chief Controller of Explosives, Petroleum and Explosives safety organization (PESO), GoI for the proposed storage of LPG gas in cylinders in the site and got the approval in Ir. No. A/G/SC/TN/06/2705 (G36725) dated 18.03.2014. The Joint Controller of Explosives, GoI have also approved the site layout and construction plan of the proposed storage facilities (copy enclosed).

3) The Total area of the project site is 8123.80 sq.ft and wherein the carpet area of the proposed building is 1010.68 sq.ft and the plinth area is 1114.73 sq.ft. The construction will be used only for the storage of LPG cylinders for public distribution and will not be used for any processing or filling activities. The applicant has informed that all the safety regulations indicated by the Controller

.12.

of Explosives will be followed without fail. The Project site is falling in CRZ - III and the project cost is Rs. 7.96 lakhs.

4) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. As the above project site is falling in CRZ-III area, the Corporation of Chennai has forwarded the proposal to the TNSCZMA.

5) As per CRZ Notification 2011, vide para 8 III CRZ III (iii) (e) construction of facilities for receipt and storage of petroleum products including LPG and liquefied natural gas is permissible activity and the proposal shall be regulated by the SCZMA vide para 4(i) (d) and 8 (i) of CRZ Notification 2011.

The Authority may consider.

AGENDA ITEM NO.06 **Proposed sub-division of Plot in T.S. No. 68/7 (old S.No. 185 part / 211 part), Block No. 62 of Thiruvanmiyur village, Chennai proposed by Thiru K. Sridharan, Chennai - Clearance under CRZ Notification 2011 for the sub-division of plot reg.**

The Corporation of Chennai have forwarded a proposal for the sub-division of plot of T.S. No. 68/7 (old S.No. 185 part / 211 part), Block No. 62 of Thiruvanmiyur village, Chennai proposed by Thiru K. Sridharan, Chennai. The Executive Engineer, Corporation of Chennai have also sent the topo plan showing the location of the site, sub-division plan and informed that the project site is falling in CRZ-II in Thiruvanmiyur village which is in the Corporation limit of Chennai district.

2) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. As delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division proposals, the Executive Engineer, Corporation of Chennai has forwarded the proposal for consideration. The CMDA n letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before

the TNSCZMA for approval and accordingly a similar proposal has been placed before the Authority in the 66th meeting held on 03.04.2012 and approval has been issued as per the decision of TNSCZMA.

3) As per the CRZ Notification 2011, vide para 8 II. CRZ-II (i) & (ii) buildings shall be permitted on the land ward side of the existing road or authorized structures which are available on 19.02.1991. Further the constructions shall be allowed subject to the existing norms of local town and country planning regulations including the norms of FSI or FAR as on 19.02.1991. Hence the sub-division may be allowed subject to the conditions that the proposed constructions in the said sub-divisions should be subject to the norms of town planning regulations including FSI or FAR as on 19.02.1991 and Planning Permission should be obtained from the Corporation of Chennai/ CMDA prior to the commencement of constructions.

The Authority may consider.

AGENDA ITEM NO.07 Any other issues with the permission of the Chair

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

Sd/- xxxx
Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Peincipal Secretary to Government (/c).,
Environment & Forests Dept., Chennai - 9.

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

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 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.

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.

/forwarded by order/

For Director of Environment

**MINUTES OF THE 76th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 21.03.2014**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 75th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 21.03.2014.**

The minutes of the 75th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.12.2013 communicated in Letter No.P1/141/2013 dated 28.12.2013 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 75th 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 75th meeting of the Tamil Nadu State Coastal Zone Management authority held on 19.12.2013.

**AGENDA ITEM NO.03 Construction of experimental submerged dyke -
Pilot study for sustainable shoreline management at
Kadalur periakuppam, Kancheepuram district
proposed by the Fisheries Department regarding.**

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

- j) There should be sufficient clearance from the submerged dykes to the sea level for the safe, uninterrupted sailing of boats and for fishing activities.
- k) There should be proper markers indicating the presence of dykes to the fishermen.
- l) The fishermen should be properly educated on the proposed experimental project, prior to the commencement of activities.
- m) The activity should not have any adverse impact on the marine organisms.
- n) No road shall be formed in CRZ.

.2.

- o) Only those activities on experimental basis, mentioned in the proposal and which are absolutely essential should be constructed.
- p) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- q) There shall be no extraction of ground water.
- r) There should not be any sea water intrusion or erosion on the adjacent coastal areas due to the proposed experimental activities and to ensure the same, periodical monitoring shall be conducted.

AGENDA ITEM NO:04 Proposed construction of North Cargo Berth III & IV, Dredging in front of North Cargo Berth II, III and IV and filling up of dredged material in to reclaim the Land inside VOC Port Complex proposed by VOC Chidambaranar Port Trust.

The Authority resolved to request the applicant to furnish the following additional details for taking further action.

- e) The Gulf of Mannar Bio Sphere reserve is falling within 10 kms from the project site. The proposal aims to construct the additional berth by dredging about 6 million cu.m of sea bed (up to 8m from bed level) and dump the dredged material into the sea on either side of existing breakwaters which leads to reclaim land from the sea. Dumping of dredged waste is proposed to be completed in a phased manner covering period of two years. The port has claimed that a dispersion study carried out using a dispersion model indicates that the spread of dredged material in the form of plume is limited and it does not affect the surrounding area especially the coral island of Vaan which is part of Marine Park. The island is about 8km north of one of the dumping areas and the dumping area is within the radius of buffer zone of 10 km from the island called Ecologically Sensitive Zone. Therefore dumping in this region requires a close examination.

.3.

- f) The Modeling has been performed based on the secondary data or derived data which may not provide accurate extent of spread of dumped material. It is necessary to collect appropriate field data on currents etc., to perform the model.
- g) The EIA report furnished by the unit is having more baseline data but without adequate impact assessment and management plan with reference to the proposal. A fresh EIA/EMP reports shall be furnished with the probable impact on the existing eco-sensitive zone due to the implementation of the project, mitigation measures to be implemented on the adverse impact, if any. The report should cover Comprehensive Marine Water Quality assessment with reference to the parameters viz., physical, chemical, heavy metals, biological, bacteriological, fish eggs, larvae etc., on the eco-sensitive zone with reference to the project.
- h) 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), Anna University, Chennai/ Gulf of Mannar Biosphere Trust.

AGENDA ITEM NO.05 Environmental Clearance issued already for the development of ship yard cum port complex at Kattupalli village, Ponneri taluk, Tiruvallur district proposed by M/s. L&T Ship building, Chennai - Amendment requested regarding.

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

- g) The unit shall comply all the conditions stipulated in the Environmental Clearance issued in No. 10-130/2007-IA-III Ministry of Environment and Forests, GOI dated 3rd July 2009.

.4.

- h) The proposed activities should not cause coastal erosion and alter the beach configuration. The shoreline changes shall be monitored continuously.
- i) Chemical waste generated and the sewage generated, if any, should not be discharged into the sea and shall be properly handled.
- j) The waste water generated shall be collected, treated and reused properly.
- k) The proponent shall implement the oil spill mitigation measures without fail.
- l) Disaster Management Plan shall be implemented and Mock drills must be carried out properly and periodically.

AGENDA ITEM NO:06 Widening of the existing ECR of two lane to four lane from 22/300 km to 55/800 km for 18.7 kms proposed by TNRDC in Kancheepuram district.

The Authority resolved to clear the above proposals subject to the following specific conditions;

- f) The village level cadastral maps showing the details of widening of roads in CRZ areas with survey numbers shall be furnished.
- g) The constructions of bridge should be carried out in such a way that they should not affect the hydraulic free flow of water.
- h) Adequate Green belt plantation along the road should be undertaken in consultation with Forests Department.
- i) There shall be no extraction of ground water.
- j) No liquid or solid waste shall be generated and disposed off in CRZ.

AGENDA ITEM NO:07 Proposed construction of Lord Venkateswara Temple at S.No. 633/3, 4 part, 6 part, 7 and 8, Kanyakumari village, Agastheeswaram Taluk, Kanyakumari district proposed by Tirumala Tirupati Devasthanams (TTD), Tirupati.

The Authority resolved to clear the above proposals subject to the following specific conditions;

.5.

- f) 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 Department of Town and Country Planning prior to the commencement of activities.
- g) There should not be any ground water extraction in CRZ.
- h) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on the local bodies for this purpose.
- i) Green belt development shall be implemented.
- j) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.08 Proposed construction of Government Rest House for monitoring and inspection at S.No. 560, Agastheeswaram Village, Agastheeswaram Taluk, Kanyakumari district proposed Forests Department.

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

- d) Planning permission should be obtained for the proposed constructions from the local authorities or Department of Town and Country Planning Concerned.
- 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.

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

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

EXTRACT OF THE MINUTES OF THE 76th MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 21.03.2014.

AGENDA ITEM NO.05 Environmental Clearance issued already for the development of ship yard cum port complex at Kattupalli village, Ponneri taluk, Tiruvallur district proposed by M/s. L&T Ship building, Chennai - Amendment requested regarding.

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 comply all the conditions stipulated in the Environmental Clearance issued in No. 10-130/2007-I A-III Ministry of Environment and Forests, GOI dated 3rd July 2009.
- b) The proposed activities should not cause coastal erosion and alter the beach configuration. The shoreline changes shall be monitored continuously.
- c) Chemical waste generated and the sewage generated, if any, should not be discharged into the sea and shall be properly handled.
- d) The waste water generated shall be collected, treated and reused properly.
- e) The proponent shall implement the oil spill mitigation measures without fail.
- f) Disaster Management Plan shall be implemented and Mock drills must be carried out properly and periodically.

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.

/forwarded by order/

For Director of Environment

EXTRACT OF THE MINUTES OF THE 76th MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 21.03.2014.

AGENDA ITEM NO.03 Construction of experimental submerged dyke - Pilot study for sustainable shoreline management at Kadalur periakuppam, Kancheepuram district proposed by the Fisheries Department regarding.

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

- a) There should be sufficient clearance from the submerged dykes to the sea level for the safe, uninterrupted sailing of boats and for fishing activities.
- b) There should be proper markers indicating the presence of dykes to the fishermen.
- c) The fishermen should be properly educated on the proposed experimental project, prior to the commencement of activities.
- d) The activity should not have any adverse impact on the marine organisms.
- e) No road shall be formed in CRZ.
- f) Only those activities on experimental basis, mentioned in the proposal and which are absolutely essential should be constructed.
- g) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- h) There shall be no extraction of ground water.
- i) There should not be any sea water intrusion or erosion on the adjacent coastal areas due to the proposed experimental activities and to ensure the same, periodical monitoring shall be conducted.

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.

/forwarded by order/

For Director of Environment

**MINUTES OF THE 77th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 05.05.2014**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 76th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 21.03.2014.**

The minutes of the 76th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.03.2014 communicated in Letter No.P1/141/2013 dated 27.03.2014 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 76th meeting of the
TNSCZMA.**

The Member Secretary, TNSCZMA briefed the members about the action taken by the Department of Environment on the decisions taken during the 76th meeting of the Tamil Nadu State Coastal Zone Management authority held on 21.03.2014.

**AGENDA ITEM NO.03 Proposed construction of North Cargo Berth III &
IV, Dredging in front of North Cargo Berth II, III
and IV and filling up of dredged material in to
reclaim the Land inside VOC Port Complex proposed
by VOC Chidambaranar Port Trust.**

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

- a) Geo fabric filter should be laid as proposed in the project report so as to prevent the leaching of contaminants, if any, into the sea.
- b) Closed conveyor system should be established for cargo handling.
- c) Green belt development shall be implemented.

.2.

- d) A continuous air pollution monitoring should be undertaken in the project area so as to implement corrective, mitigation measures immediately on the noticing of any adverse impact.
- e) There shall be no extraction of ground water.
- f) There should not be any sea water intrusion or erosion on the adjacent coastal areas due to the proposed activities including dredging and to ensure the same, periodical monitoring shall be conducted.
- g) LI TPAC OF MIKE 21 modeling for sediment transport analysis shall be carried out.
- h) A system shall be evolved for a close and continuous monitoring during the construction phase as well as implementation phase through the SDMRI, Tuticorin as indicated by the Port.

AGENDA ITEM NO:04: Proposed construction of Workers Training Building, Vivekananda Kendra at S.No. 624/5 Pt.,6 Pt., 626/1 Pt.,2 pt., Kanyakumari village, Agastheewaram Taluk, Kanyakumari district - Clearance under CRZ Notification 2011 regarding.

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.

.3.

- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.05 **Construction of a building for the proposed storage of LPG gas cylinders at S.No. 2/21A1 part 2 of Uthandi Village, Sholinganallur Taluk, Kancheepuram district Proposed by Thiru S.R. Shyam Sundar, Adyar.**

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

- a) The safety measures prescribed by PESO (Petroleum and Explosives Safety Organization) should be followed scrupulously.
- b) The building should be used only for the storage of LPG cylinders for public distribution and should not be used for any other activities including processing or filling of LPG.
- c) Planning permission should be obtained for the proposed constructions from the local authorities concerned
- d) There should not be any ground water extraction in CRZ.
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- f) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

.4.

AGENDA ITEM NO.06 Proposed sub-division of Plot in T.S. No. 68/7 (old S.No. 185 part / 211 part), Block No. 62 of Thiruvanmiyur village, Chennai proposed by Thiru K. Sridharan, Chennai - Clearance under CRZ Notification 2011 for the sub-division of plot reg.

The Authority resolved to clear the proposal for sub-division of existing plot 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.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

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

xxxxx
Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government (/c).,
Environment & Forests Dept., Chennai - 9.