

AGENDA NOTES

72nd MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 07.06.2013

Time: 03.00 P.M.

Venue:

Secretariat,
Chennai - 600 009

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

Date & Time:

Venue:

07.06.2013 - 03.00 P.M.

Secretariat, Chennai - 600 009

AGENDA ITEM NO.01: Confirmation of the minutes of the 71st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.02.2013.

The 71st meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 20.02.2013 and the minutes were communicated in letter no.P1/141/203 dated 05 .03.2013 of Director of Environment. It may be confirmed.

**MINUTES OF THE 71st MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 20.02.2013**

AGENDA ITEM NO.1: Confirmation of the Minutes of the 70th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.12.2012.

The minutes of the 70th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.12.2012 communicated in Letter No.P1/444/2011 dated 17.01.2013 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2: Report on the follow up action taken in respect of decisions taken during the 70th 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 70th meeting of the Tamil Nadu State Coastal Zone Management authority held on 05.12.2012.

AGENDA ITEM NO.03 Setting up of 5 MMTPA capacity Liquefied Natural Gas (LNG) import, storage, regasification terminal with associated marine facilities and utilities at Ennore Port, Thiruvallur district proposed by Indian Oil Corporation Limited, New Delhi

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

- i) The safety regulations and other guidelines prescribed by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas, Petroleum Explosives Safety Organization (PESO) shall be strictly implemented.
- i) The Designing and construction of LNG Terminal shall comply with the National and International standards.

.3.

- ii) Adequate care should be taken to maintain the safety of sea walls, which were already erected adjacent to the project site, so as to prevent any adverse impact on the proposed storage tanks at the project site due to erosion or any natural calamities.
- iii) Even though the dredging near the LNG jetty inside the Port area will be carried out by the Ennore Port, the safe disposal of dredged material shall be ensured.
- iv) A detailed Risk Analysis with reference to the gas leak shall be prepared and based on the probable consequences, a Risk Management Plan shall be evolved for implementation during operational phase. Main focus should be given on the safety of personnel on the event of any disaster or accidents.
- v) The EIA report furnished by the unit is having only indicative water quality monitoring parameters. Comprehensive Marine Water Quality monitoring shall be conducted periodically with reference to the parameters viz., physical, chemical, heavy metals, biological, bacteriological, fish eggs and larvae.
- vi) LNG pumps along with motors will be used for pumping operations, the level of noise during pumping operations along with the level of noise generated within the plant due to other operations shall be studied and adequate measures shall be implemented for noise reduction with periodical monitoring mechanism.
- vii) All activities should conform to the provisions of the CRZ Notification 2011.
- viii) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

.4.

AGENDA ITEM NO:04 Construction of Field Maintenance Centre at S.No. 599/1, Kanniyakumari villge, Agastheeswaram taluk, Kanniyakumari district proposed by the Deputy Director General of Meterology, Regional Meterological Centre, Chennai.

In Office Memorandum No. J-11013/41/2006-IA II(I) dated 12th December 2012, the Ministry of Environment and Forests, Government of India have instructed that the State Government concerned have to initiate action under Environment (Protection) Act, 1986 on the violations and once the action has been taken, the concerned case may be dealt with and may be processed for issuing clearance. As such the Authority resolved to direct the District Coastal Zone Management Authority to take action on the violations as per the provisions of CRZ Notifications 2011 and Environment (Protection) Act 1986.

AGENDA ITEM NO:05 Construction of a office building and petrol bunk in Town Survey number 430 part, 431 part, 432, 433, 434 part, Ward No. 3, Block No. 6, North Beach Road, Thoothukkudi proposed by M/s. VAZ Fuels (Bharath Petroleum Corporation delaer), 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
- 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) All activities should be in conformity with the provisions of the CRZ Notification 2011.

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- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:06 Construction of house at S.No. 671/6, 7, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru M.K.S. Moni, Kanyakumari

The Authority resolved to clear the proposals under CRZ Notification 2011 subject to the following conditions:

- a) Planning permission should be obtained for the proposed constructions from the local authorities concerned.
- b) There should not be any ground water extraction in CRZ.
- c) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- d) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011

AGENDA ITEM NO:07 Permission for the construction of a New Light House at S.No. 24/1, 2B, Vembar Village, Villathikulam Taluk, Thoothukkudi district proposed by the Regional Director, Directorate of Light houses and Lightships.

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

- a) Planning permission should be obtained for the proposed constructions from the local authorities 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.

.6.

- d) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:08 Consideration of proposals for TORs/ Environmental Clearance involving violation of the Environmental (Protection) Act 1986/ CRZ Notification 2011.

The Authority resolved to instruct the District Coastal Zone Management Authorities (DCZMAs) concerned and TNPCB to take legal action on violations / court cases, which are attracting the provisions of CRZ Notification 2011 / EP Act 1986. The Authority also permitted the Member Secretary, TNSCZMA to refer such cases of violations/court cases to DCZMAs concerned and TNPCB for taking further action, as and when required.

Further the Authority permitted the Member Secretary, TNSCZMA to take necessary action to form a permanent legal cell in the Department of Environment to deal with violations and court cases.

AGENDA ITEM NO.09 Incurring recurring expenditure for the GIS Cell from the State Coastal Zone Management Development Fund - regarding.

The Authority resolved to incur recurring expenditure including the pay and other allowances in respect of the holders of the posts of GIS cell from and out of the State Coastal Zone Management Development fund.

**AGENDA ITEM NO:10 Any other issues with the permission of the Chair
Addl. Agenda Item No.01: Construction of Fishing Harbour, at Poompuhar
in Nagapatinam district proposed by
Fisheries Department.**

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

- a) A shoreline modeling study shall be conducted to confirm whether the proposed project site is falling in eroding stretch of the coast or not and the same shall be furnished, as construction of Port and harbor projects in high eroding stretches of the coast is prohibited activity vide para 3 (viii) of CRZ Notification 2011.
- b) The views and recommendations of the District Coastal Zone Management Authority, Nagapattinam shall be furnished on the Disaster Management Plan prepared for the project.
- c) The feasibility report for the setting up of desalination plant and allied activities such as erection of pipelines for the drawal of water from the sea and discharge of brine into the sea shall be furnished. Further the marine studies indicating all the parameters of inlet and discharged brine water along with the remedial measures to be taken in the event of adverse impacts shall be furnished.
- d) The possibilities of reuse of treated water shall be explored instead of discharging the treated water into the sea.
- e) The details of the projects including the proposed constructions of breakwaters indicated in the techno economic feasibility report (June 2012), EIA report prepared by NIOT during 2007 and the recommendations of the DCZMAs are not one and the same. Each report has different details and some details are overlapping and inconsistent. Hence a revised combined project report shall be prepared and furnished.

Addl. Agenda Item No. 02: Reconstruction and Modernization of Chinnamuttom Fishing harbour funded by the World Bank under ETRP scheme proposed by Fisheries Department.

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

- a) There should not be any ship breaking activity .
- b) There should not be any extraction of ground water in CRZ.
- c) Periodical monitoring should be carried out to ascertain the occurrence of coastal erosion / coastal accretion. Adequate steps require to prevent erosion, mitigate the adverse impacts etc., shall be taken based on the extent of implications.
- d) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging and on the dumping of dredged materials. The composition of the dredged materials should be duly analyzed and examined to find out the availability of any toxic contents. Based on the analysis, a suitable methodology for the disposal of dredging materials to be evolved out.
- e) Based on the quantum of Solid Waste generation proper Solid Waste Management plan shall be introduced. The setting up of Organic Waster Convertor should be considered.
- f) Proper efforts shall be taken to prevent Oil spillage and the mitigation measures to control adverse impact due to oil spillage shall be implemented.
- g) Suitable ways for the reuse of the treated water shall be evolved.
- h) The Capacity of STP shall be designed based on the realistic analysis so that the BOD (Biological Oxygen Demand) and COD (Chemical Oxygen Demand) should be controlled within the parameters.
- i) The Capacity of Mechanisms including STP, Organic Waste Converter shall be fixed to tackle the additional Pollution load, if any, in future.

.9.

- j) A Management Practice shall be evolved introducing Professionalism in operating and maintaining the proposed STP.
- k) A system shall be evolved for a close and continuous monitoring during installation phase and as well as implementation phase.
- l) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- m) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

Sd/-xxx

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

Sd/- xxx

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 71st meeting of the Authority held on 20.02.2013 are given below:

SI. No	Description of proposals	Action taken
01	Setting up of 5 MMTPA capacity Liquefied Natural Gas (LNG) import, storage, regasification terminal with associated marine facilities and utilities at Ennore Port, Thiruvallur district proposed by Indian Oil Corporation Limited, New Delhi	As resolved, proposal has been sent to Environment and Forests Dept., Government of Tamilnadu in Ir. Roc. No. P1/2855/2012 dated 05.03.2013 for further action.
02	Construction of Field Maintenance Centre at S.No. 599/1, Kanniyakumari villge, Agastheeswaram taluk, Kanniyakumari district proposed by the Deputy Director General of Meterology, Regional Meterological Centre, Chennai.	As resolved the Chairman and the Convenor of District Coastal Zone Management Authority, Kanniyakumari district at Nagercoil have been requested to take legal action on violations committed by the applicant in Ir. No. 503/2012/P1 dated 05.03.2013. Report is awaited.
03	Construction of a office building and petrol bunk in Town Survey number 430 part, 431 part, 432, 433, 434 part, Ward No. 3, Block No. 6, North Beach Road, Thoothukkudi proposed by M/s. VAZ Fuels (Bharath Petroleum Corporation delaer), Thoothukkudi.	As resolved, Clearance under CRZ Notification has been issued in letter No. 3145/2012/P1 dated 05.03.2013.
04	Construction of house at S. No. 671 /6,7, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru M.K.S. Mani, Kanniyakumari	As resolved, Clearance under CRZ Notification has been issued in letter No. 3183/2012/P1 dated 05.03.2013.

SI. No	Description of proposals	Action taken
05	Permission for the construction of a New Light House at S.No. 241/2B, Vembar Village, Villathikulam Taluk, Thozothukkudi district proposed by the Regional Director, Directorate of Light houses and Lightships	As resolved, proposal has been sent to Environment and Forests Dept., Govt., of TN in Ir.3146/2012P1 dated 22.05.2013 for further action after obtaining the correct R.S.No. of the project site from the District Coastal Zone Management Authority, Thoothukudi and the applicant.
	Consideration of proposals for TORs/ Environmental Clearance involving violation of the Environmental (Protection) Act 1986/ CRZ Notification 2011.	As resolved all the District Coastal Zone Management Authorities (DCZMAs)/ TNPCB /Corporation of Chennai/ CMDA have been requested to take legal action on violations / court cases, which are attracting the provisions of CRZ Notification 2011 / EP Act 1986 in Ir. No. P1/169/2011 dated 27.02.2013.
	Addl. Agenda item No.1 Construction of Fishing Harbour, at Poompohar in Nagapatinam district proposed by Fisheries Department	As resolved, Clarifications have been sought for from the Fisheries Department in letter No. 2167/P1/2009 dated 05.03.2013 and the reply is awaited.
	Addl. Agenda item: 2 Reconstruction and Modernization of Chinnamuttom Fishing harbour under ETRP scheme proposed by Fisheries Department	As resolved, proposal has been sent to Environment and Forests Dept., Government of Tamilnadu in Ir. Roc. No. P1/1716/2012 dated 05.03.2013 for further action

AGENDA ITEM NO.03 Proposed reclamation of 0.45 hectares of land for Auction platform at Chennai Fishing Harbour proposed by the Chennai Port Trust

M/s. Chennai Port Trust have submitted application for clearance under CRZ Notification 2011, for the proposed reclamation of 0.45 hectares of the land for Auction platform at the existing Chennai Fishing Harbour. Under the project proposal it is planned to extend the Auction Platform for further 50mts towards north east of the Fishing Harbour by construction of block wall and reclamation by grabbing/ excavation of sand from the

sand available at Fishing harbour and filling the same and providing concrete flooring etc.,

2) The applicant has submitted EIA report, application, maps etc., The project site is falling in CRZ-IB (inter tidal zone) and in CRZ-IV as per the HTL demarcation of IRS, Anna University. Total Project cost is Rs.4.65 crores.

3) The subject was before the District Coastal Zone Management Authority (DCZMA) for CMDA areas in the meeting held on 26.04.2013 and the DCZMA resolved to recommend the proposals to the State Coastal Zone Management Authority subject to the following specific conditions:

- a) Periodical monitoring should be carried out to ascertain the occurrence of coastal erosion/ coastal accretion. Adequate steps required to prevent erosion, mitigate the adverse impacts etc., shall be taken based on the extent of implications.
- b) There should not be any extraction of ground water.
- c) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging and on the dumping of dredged materials. The composition and quality of materials to be used to reclaim the seaward side project area should be duly analysed and examined to prevent the presence of toxic content and furnish the reports to TNPCB for further action.

d) The clearance is only for the proposed reclamation of 0.45 hectares of the land for auction platform and the applicant should not carry out any other activity without the prior clearance of the competent Authority.

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.

5) The Authority may consider

AGENDA ITEM NO:04 Mining of heavy minerals at Karaichuthu Uvari, Tirunelveli district by M/s. Transworld Garnet India Private Limited,, Chennai.

M/s. Transworld Garnet India Private Limited, Chennai have applied for clearance under CRZ Notification 2011, for the mining of heavy minerals like Garnet etc., at Karaisuthu Uvari village, Radhapuram Taluk, Tirunelveli district over a total extent of 7.66.9 hectares. The mining areas as per the report furnished by the District Coastal Zone Management Authority, Tirunelveli district are falling in three stretches as follows:

a. S.No. 46/111 A, 46/111B, 46/112 A, 46/112 B, 46/1131J1, 46/1131J2. 46/1K, 46/1L, 327/4A, 327/4B, 327/2A, 327/2B, 326/7A, 326/7B, 57/1A, 57/1B, 57/2, 60/2 A (59/2A1A, 59/2A1B, 59/2A2 - 3.32.5 Ha.

b. S.NO. 429/1, 429/2, 429/8, 429/9, 429/10A, 429/12, 429/13, 429/15, 429/16 - 2.23.9 Ha.

c. S.No. 436/5A, 436/5B1, 436/5B2, 436/6B, 432/6B2, 432/8, 436/4C - 2.10.5 Ha.

2) The project sites are falling in CRZ-III and in inter tidal zone. Project cost is Rs.20.00 lakhs.

3) The applicant has submitted EIA report, application, maps etc., The DCZMA, Tirunelveli district have recommended the project subject to the following conditions.

.14.

- a) The unit shall adhere to the guidelines / stipulations / conditions of mining lease and shall follow the mining plan.
- b) The unit shall not use any explosives for the mining.
- c) the unit shall not use any machineries for mining except those permitted under mining rules.
- d) The unit shall ensure that the mined area is refilled with the tailings.
- e) The unit shall develop green belt within / outside mining area.
- f) The unit shall not establish mineral beneficiation plant / processing unit within CRZ areas.

4) As per CRZ Notificaiton 2011, vide para 3 (x) mining of rare minerals not available outside CRZ is permissible activity and vide 8 III CRZ-III (iii) (c) mining of rare minerals is CRZ in No Development area (0-200mts from HTL of sea) is permissible activity. However as per CRZ Notification 2011, vide para 4 (ii) (g) the above said activity requires clearance from the MoEF., GoI.

5) The Authority may consider.

AGENDA ITEM NO:05 **Mining of rare minerals at Thrivambalapuram, village Tirunelveli district by V.V. Mineral, Tisaiyanvilai.**

M/s. V.V. Mineral, Tisaiyanvilai Tirunelveli district have applied for clearance under CRZ Notification 2011, for their proposed setting up of SEZ project at Thiruvambalapuram village, Rathapuram Taluk, Tirunelveli district over a total extent of 166.66.5 hectares. The activities include construction of thermal power plant of 600 MW capacity, mineral separation plant, desalination plant, port, power plant (co-generation, solar and windmill), foreshore facilities such as intake and outfall pipelines for the drawal of sea water, transport

vehicle shed, fabrication and maintenance of workshop, rare earth oxide plant, zircon power plant, titanium slag plant, synthetic rutile plant etc.,

2) The project sites are falling in CRZ-III, Inter tidal zone, CRZ-IV and outside CRZ areas. Total Project cost is Rs.870 crores and in CRZ Rs. 480 crores.

.15.

3) The applicant has submitted EIA report, application, maps etc., The DCZMA, Tirunvelveli district have recommended the project subject to the following specific conditions.

a) The unit shall construct facilities which are water front activities and permissible under CRZ Notification.

b) The unit shall provide adequate treatment facilities for waste water. No sewage / trade effluent shall be disposed into sea without adequate treatment.

c) The unit shall follow the guidelines / stipulations of the AERB in handling and disposal of radioactive materials such a Thorium, Uranium, Monosite, etc., obtained, if any during the processing of rare minerals.

4) As per CRZ Notification 2011, vide para 3 (i) setting up of industries is prohibited activities however those activities directly related to waterfront or directly needing foreshore facilities shall be constructed. As such foreshore facilities viz., construction of Port, desalination plant, wind mill, facilities for generating power by non-conventional power sources can be constructed in CRZ areas and in case of other items viz., thermal power plant, mineral separation plant, common effluent treatment plant, fabrication workshops etc should not be constructed in CRZ areas and the same shall be shifted away from CRZ area.

5) As per CRZ Notification 2011, vide para 4 (ii) (f) (h) the above said activities requires clearance from the MoEF., GoI.

6) The Authority may consider.

AGENDA ITEM NO:06 Re-construction of a dwelling house at Plot No.7, T.S. No. 1114part, 1128 part, 1139/2 part, 1139/3B part T.S. Ward No. 1, Block No.7 & 9, South Beach Road (Roach Colony), Thoothukkudi proposed by Thiru R. Arockia Joseph Kingston, 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 Plot No.7, T.S. No. 1114part, 1128 part, 1139/2 part, 1139/3B part T.S. Ward No. 1, Block No.7 & 9, South Beach Road (Roach Colony), Thoothukkudi proposed by Thiru R. Arockia Joseph Kingston, Thoothukkudi.

2) The site is falling in CRZ-II on the land ward side in between 200mt and 500mts from the HTL of sea. Total project area is 2925 sq.ft., and the proposed to construct Ground floor of 1451 Sq.ft., and first floor of having 362 sq. ft., each. The total project cost is 12.45 lakhs. The Commissioner of Corporation of Thoothukkudi in his letter No. 16243/F2/2012 dated 12.09.2012 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:07 Re-construction of a dwelling house at Door No. 25, 25A, T.S. No. 675/2B1, 675/2B2 of Thatchar street, T.S. Ward No. 5, Block No. 4, Thoothukkudi proposed by Dr. N. Mohideen Bathusa, Thoothukkudi.

The District Collector/ Chairman, District Coastal Zone Management Authority (DCZMA), Thoothukkudi district has forwarded a proposal for the construction of a dwelling house after removing the existing house in Door No. 25, 25A, T.S. No. 675/2B1, 675/2B2 at Thatchar street, T.S. Ward No. 5, Block No. 4, Thoothukkudi proposed by Dr. N. Mohideen Bathusa, Thoothukkudi for clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II on the land ward side in between 200mt and 500mts from the HTL of sea. Total project area is 741.85 sq.ft., and the proposed to construct Ground floor and first floor of having 363.72 sq. ft., each. The total project cost is 9.28 lakhs. The Commissioner of Corporation of Thoothukkudi in his letter No. 4740/F4/2012 dated 19.07.2012 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:08 Periodical inspections to review and check the adherence of conditions imposed in the Environment Clearances - carrying out marine baseline studies - Expression of interest called for - report - Regarding.

As marine baseline data are not available to ascertain the implications on the setting up of several projects/ operations along the coast, The Tamil Nadu State Coastal Zone Management Authority in the 69th meeting held on 30.10.2012 resolved to assess and collect the marine data through reputed agencies/ institutions on regular basis periodically based on the recommendations of the sub-committee formed by Government of Tamil Nadu to review and check the adherence of conditions imposed in the Environment Clearances.

2) Accordingly, the sub committee met on 21.11.2012 and finalized the protocol (parameters to be monitored, methodology and frequency of data collection) and the the following 8 key parameters were identified for monitoring as well baseline survey.

1. Water Quality Monitoring
2. Sediment Quality Monitoring
3. Heavy metals in organisms (Fin and Shell fishes)
4. Fish Catch monitoring
5. Monitoring of Coral reefs and associated fauna and flora (Underwater survey / monitoring)
6. Monitoring of Seagrass beds and associated fauna and flora (Underwater survey / monitoring)
7. Fish Population Monitoring (Underwater survey / monitoring)
8. Monitoring of key habitats like Mangroves

3) The call for expression of interest was sent to 16 institutions as suggested by the sub-committee in Ir., dated 24.01.2013 with details of protocol for the monitoring ./ baseline survey work to be conducted.

The following two institutions sent proposals expressing willingness.

1. Annamalai University, Faculty of Marine Sciences, Parangipettai
2. Suganthi Devadason Marine Research Institute, Tuticorin.

4) The proposals were scrutinized as per the guidelines provided by the sub-committee and a report along with the details are enclosed in the Annexure.

5) Based on the information and documents provided, the two institutions may be identified for carrying out the marine baseline survey / monitoring in their best available capacity on the identified parameters as given below:

Sl.No.	Institution	Comprehensive capacity available to carry out marine survey / monitoring - key parameters
1.	Annamalai University, Faculty of Marine Sciences, Parangipettai	1. Water Quality Monitoring; 2. Sediment Quality Monitoring; 3. Heavy metals in organisms (Fin and Shell fishes); 4. Fish Catch monitoring; and 5. Monitoring of key habitats like Mangroves
2.	Suganthi Devadason Marine Research Institute, Tuticorin	1. Water Quality Monitoring; 2. Sediment Quality Monitoring; 3. Heavy metals in organisms (Fin and Shell fishes); 4. Fish Catch monitoring; 5. Underwater survey and monitoring of coral reefs, seagrass beds and associated fauna and flora and fish population.

6) In addition to the above, the department may also avail the services of following other institutions for any related marine survey and monitoring activities, then and there.

1. Anna University, Centre for Environmental Studies, Chennai.
2. Anna University, Institute for Ocean Management, Chennai.
3. IIT, Madras - Division of Water Resources and Environmental Engineering
4. National Institute of Ocean Technology (NIOT), Chennai.
5. National Centre for Sustainable Coastal Management, Chennai.

7) The Authority may consider.

AGENDA ITEM NO:09

Any other issues with the permission of the Chair

Sd/-`

Sd/-`

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

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

**MINUTES OF THE 72nd MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 07.06.2013**

AGENDA ITEM NO.1: Confirmation of the Minutes of the 71st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.02.2012.

The minutes of the 71st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.02.2013 communicated in Letter No.P1/141/2013 dated 05.03.2013 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2: Report on the follow up action taken in respect of decisions taken during the 71st 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 71st meeting of the Tamil Nadu State Coastal Zone Management authority held on 20.02.2013.

AGENDA ITEM NO.03 Proposed reclamation of 0.45 hectares of land for Auction platform at Chennai Fishing Harbour proposed by the Chennai Port Trust

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

- a) There should not be any fish processing activity in the project site.
- b) The Solid Wastes that will be generated in the project site should be disposed properly.
- c) Adequate basic amenities such as such drinking water, toilet facilities shall be provided based on actual assessment.

.2.

- d) Periodical monitoring should be carried out to ascertain the occurrence of coastal erosion/ coastal accretion. Adequate steps required to prevent erosion, mitigate the adverse impacts etc., shall be taken based on the extent of implications.
- e) There should not be any extraction of ground water.
- f) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging and on the dumping of dredged materials. The composition and quality of materials to be used to reclaim the seaward side project area should be duly analysed and examined to prevent the presence of toxic content and furnish the reports to TNPCB for further action.
- g) The clearance is only for the proposed reclamation of 0.45 hectares of the land for auction platform and the applicant should not carry out any other activity without the prior clearance of the competent Authority.
- h) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- i) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:04 Mining of heavy minerals at Karaichuthu Uvari, Tirunelveli district by M/s. Transworld Garnet India Private Limited,, Chennai.

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

- a) Before commencing the activity, the applicant shall obtain necessary mining lease from the Government. The unit shall adhere to the guidelines / stipulations / conditions of mining lease and shall follow the mining plan.
- b) The unit shall not use any explosives for the mining. No blasting or drilling for mining shall be carried out.

.3.

- c) the unit shall not use any machineries for mining except those permitted under mining rules.
- d) The unit shall ensure that the mined area is refilled with the tailings.
- e) 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.
- f) There shall be no extraction of ground water
- g) There should not be any sea water intrusion due to the project activities.
- h) No road shall be formed in CRZ
- i) No liquid or solid waste shall be generated and disposed off in CRZ.
- j) The unit shall develop green belt within / outside mining area.
- k) The unit shall not establish mineral separation plant / processing unit within CRZ areas.
- l) The unit shall obtain consents, in appropriate stage, from the Tamil Nadu Pollution Control Board.
- m) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- n) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:05 Mining of rare minerals at Thrivambalapuram, village Tirunelveli district by V.V. Mineral, Tisaiyanvilai.

As the documents furnished by the applicant were general in nature, the Authority resolved to request the applicant to produce the following documents, giving specific details, based on scientific studies, covering each and every activity viz., construction of Port, desalination plant, wind mills, facilities for generating power, thermal power plant, mineral separation plant, common effluent treatment plant, fabrication workshops etc., for which Clearance under CRZ Notification 2011 has been sought for, as indicated in para 4 (ii) of CRZ Notification 2011.

.4.

- a) Consolidated detailed Project report covering all the aspects/ features.
- b) Environmental Impact Assessment/ Environmental Management Plan on all the terrestrial activities proposed
- c) Environmental Impact Assessment/ Environmental Management Plan on all the Marine activities proposed including modeling studies;
- d) Disaster Management Report, Risk Assessment Report and Management Plan on all the activities proposed.
- e) Map superimposing the locations of project features viz., power plant, Port, windmills, desalination plant, pipeline routings, mineral separation plant, common effluent treatment plants and other features duly.

AGENDA ITEM NO:06 **Re-construction of a dwelling house at Plot No.7, T.S. No. 1114part, 1128 part, 1139/2 part, 1139/3B part T.S. Ward No. 1, Block No.7 & 9, South Beach Road (Roach Colony), Thoothukkudi proposed by Thiru R. Arockia Joseph Kingston, 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.
- 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) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:07 Re-construction of a dwelling house at Door No. 25, 25A, T.S. No. 675/2B1, 675/2B2 of Thatchar street, T.S. Ward No. 5, Block No. 4, Thoothukkudi proposed by Dr. N. Mohideen Bathusa, 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
- 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) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:08 Periodical inspections to review and check the adherence of conditions imposed in the Environment Clearances - carrying out marine baseline studies - Expression of interest called for - report - Regarding.

The Authority resolved to accept the suggestions of sub-committee to carryout marine baseline studies by the Institutions. During the discussion, Dr. B.R. Subramanian, Member of TNSCZMA who is the Retired Project Director of ICMAM Project Directorate, Ministry of Earth Sciences, has suggested institutional arrangements for Coastal water monitoring for Tamil Nadu Coast. In this connection the Authority resolved to request Dr. B. R. Subramanian, to furnish a detailed report, on the methodologies to be followed while monitoring the activities of the approved projects.

AGENDA ITEM NO:09

**Any other issues with the permission of the
Chair**

During the discussions, the Chairman has requested the Members of the Authority to suggest on the absolute minimum documents/ reports to be furnished by the project proponents to the Authority for the consideration of the Project.

Sd/-xxx

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

Sd/-xxx

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