

96th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 08.09.2017

Time: 10.30 A.M

Venue:

Conference Hall of the
Environment and Forests Department,
7th floor, Secretariat,
Chennai - 600 009

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**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY - 96th
MEETING**

Date & Time:
08.09.2017 - 10.30 A.M.

**Venue: Conference Hall of the
Environment and Forests Department,
7th floor, Secretariat,
Chennai- 600 009.**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 95th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 22.06.2017.**

The 95th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 22.06.2017 and the minutes were communicated in letter No. P1/1044/2015 dated 30.06.2017 (copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 95th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 22.06.2017**

AGENDA ITEM NO.01: Confirmation of the minutes of the 94th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.04.2017.

The minutes of the 94th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 12.04.2017 communicated in Letter No.P1/1044/2015 dated 20.04.2017 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 94th meeting of the Authority held on 12.04.2017

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 94th meeting of the Tamil Nadu State Coastal Zone Management authority held on 12.04.2017.

AGENDA ITEM NO.03: Renovation of Fishing Harbour at Mudhunagar, Cuddalore old Town in Cuddalore district proposed by Asst. Director of Fisheries, Cuddalore

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

- a) There should not be any adverse impact on coastal eco-system due to the dredging activity and the dumping of dredged materials. Besides proper mitigation measures should also be evolved and implemented.
- b) A detailed plan for the source segregation and disposal of solid waste (Bio-degradable / non- degradable etc.,) generated shall be formulated. Further solid waste such as plastics may be collected and disposed through the local bodies.
- c) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- d) No drawal of ground water in CRZ areas is permitted.
- e) Adequate mitigation measures to be taken to prevent any Oil spillage and its adverse impact.

- f) Shoreline evolution should be monitored periodically through a reputed institution. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- g) The activity should not have any adverse impact on the marine organisms. The impact on the corals, marine organisms, Turtle nesting etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included.
- h) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- i) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities in any manner.
- j) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal. Hence shore protection work on the coast of Tamil Nadu should be carried out only as per the final orders of the Tribunal in the above said application.
- k) Environmental Clearance under EIA Notification shall be obtained from the State Environmental Impact Assessment Authority, Tamil Nadu.

AGENDA ITEM NO.04: Construction of New Fishing Harbour at Tharangambadi, Thillaiyadi Revenue Village, Tharangambadi Taluk, Nagapattinam district proposed by Asst. Director of Fisheries (North)., Sirkali.

The Authority resolved to clear the project, subject to the following specific conditions:

- a) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures and erosion control measure should be done on regular basis by beach nourishments.

.04.

- b) It should be ensured that there is no adverse impact on coastal eco-system due to the project and proper mitigation measures should be evolved and implemented.
- c) A detailed plan for the source segregation and disposal of solid waste (Bio-degradable / non- degradable etc.,) generated shall be formulated. Further solid waste such as plastics may be collected and disposed through the local bodies,
- d) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- e) No drawal of ground water in CRZ areas is permitted.
- f) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.
- g) Shoreline evolution should be monitored periodically through reputed institutions. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas. As erosion is likely to happen, remedial measures have to be included in the current report and to submit the same for record and for future action.
- h) The activity should not have any adverse impact on the marine organisms. The impact on the corals, marine organisms, Turtle nesting etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of Experts, in which, ecologists should be included.
- i) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities in any manner.
- j) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal. Hence shore protection work on the coast of Tamil Nadu should be carried out only as per the final orders of the Tribunal in the above said application.

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- k) Environmental Clearance under EIA Notification shall be obtained from the the State Environmental Impact Assessment Authority.

AGENDA ITEM NO.05: Setting up of 150 MLD Desalination Plant at Nemmeli Village - further details furnished by the CMWSSB for the fresh recommendations of the TNSCZMA

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

- a) The conditions imposed already for the project in the 87th meeting of the TNSCZMA held on 14.01.2017 shall be adhered.
- b) Besides turtle conservation plan shall be prepared and implemented during the project period.

AGENDA ITEM NO.06 Proposed development of the facilities envisaged in the Port Maser Plan (phase III) of Kamarajar Port Limited (KPL), at Puzhuthivakkam village, Ponneri Taluk, Tiruvallur district proposed by the Kamarajar Port Limited, Chennai.

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

- a) The proposed activities involve capital dredging in Port basin and Navigational channel resulting in a quantity of 33 MCM of dredged material and the dredging is proposed to be carried out for a period of 5 years. A dredge disposal site at a depth of 25-50m depth has been identified for disposal of dredged material amounting to 30 MCM and the disposal will be made in a phased manner for a period of 5 years. The disposal site measures about 30 sq km and the dumped dredged material is expected to rise the sea bed level from 0.5 to 1 m after completion of the dumping. The Authority felt that blanketing of 30 sq km seabed area with a cover of dredge soil up to 1m may affect drastically the benthic fauna of the area.

Using the models, the dump area size should be designed in such a way that it extends from 20 km or more from 50m depth in the offshore area with a narrow band of dumping area say 100- 200m width and low discharge rate, leading to marginal increase of sea bed level. Such an arrangement may minimize the damaging effect on fauna. Fine scale bathymetry data should be collected before initiation of dumping in the proposed site and repeated annually till completion of the dumping. A report in this regard has to be submitted to the Authority as a part of Compliance report that will be submitted to the MoEF&CC, GoI after obtaining Environmental Clearance.

- b) It should be ensured that the proposed construction of Truss does not affect free flow of water.
- c) No interference of any kind to be done in Mangroves and salt marsh areas, including construction of coal conveyor belt.
- d) Area under wetlands as elaborated by the EIA report need to be considered and managed as wetlands, and not reclaimed or built up in future.
- e) In addition to the mangroves, the existing patch of sand dune / beach vegetation within the Kamarajar Port Limited (KPL) premises needs to be scientifically studied, covering aspects such as checklist of flora and fauna, diversity, representativeness, population trends, regeneration and recruitment trends, percentage coverage of invasive alien species and presence of breeding populations. The proposed afforestation / green belt programme needs to be based on the above assessment, with habitat specific greening plans being developed and implemented.
- f) The afforestation / green belt programme needs to be representative of the typical vegetation of the Ennore estuary, covering all the major habitat types including salt marshes. It is further recommended that a set of biological indicators be identified based on the scientific assessment and be used for monitoring the efficacy of the afforestation / greening programme.

- g) It is also recommended that impact assessment studies be commissioned that cover a select number of species as also the different phases of project execution. The Kamarajar Port Limited shall develop and implement ecological restoration programmes with the support of the Tamil Nadu Forest Department, especially addressing wetlands and wetland bio-diversity.
- h) In view of the location of the project within the landscape that encompasses a perennial river and its estuarine complex, it is recommended that a dedicated programme be developed and implemented on the hydrological services of the landscape, notably flood mitigation.
- i) The concerns expressed during the public hearing that was held by the Kamarajar Port need to be addressed during the project implementation. These would cover socio-economic as also ecological and environmental concerns.
- j) Oil Spill Contingency Plan should be prepared and a team of trained men formed to be available 24 X 7 to tackle any disasters.
- k) A detailed plan for the source segregation and disposal of solid waste (Bio-degradable / non- degradable etc.,) generated shall be formulated. Further solid waste such as plastics may be collected and disposed as per rules. ETP should be provided and treatment done meticulously.

AGENDA ITEM NO.07 Proposed construction of additional St. Vincent De Paul school building at R.S. No. 384/3 (pt), 384/6, 384/7A Manavalakurichi village, Kalkulam Taluk, Kanyakumari district proposed by Fr.E. Joseph, Parish priest, Periaviali, Manavalackurich, Kanyakumari district.

The Authority resolved to defer the proposal to the next meeting for discussion.

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

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

AGENDA ITEM NO.02: The action taken on the decisions of 95th meeting of the Authority held on 22.06.2017

Sl. No	subject	Action taken
01	Renovation of Fishing Harbour at Mudhunagar, Cuddalore old Town in Cuddalore district proposed by Asst. Director of Fisheries, Cuddalore	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1591/2016 dated 03.07.2017
02	Construction of New Fishing Harbour at Tharangambadi, Thillaiyadi Revenue Village, Tharangambadi Taluk, Nagapattinam district proposed by Asst. Director of Fisheries (North), Sirkali.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/432/2017 dated 03.07.2017
03	Setting up of 150 MLD Desalination Plant at Nemmeli Village - further details furnished by the CMWSSB for the fresh recommendations of the TNSCZMA	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/745/2017 dated 03.07.2017.
04	Proposed development of the facilities envisaged in the Port Maser Plan (phase III) of Kamarajar Port Limited, at Puzhuthivakkam village, Ponneri Taluk, Tiruvallur district proposed by the Kamarajar Port Limited, Chennai.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/952/2017 dated 03.07.2017.

AGENDA ITEM NO.03: Setting up of ETPS replacement Thermal Power Project (1x660 MW) at Ernavur Village, Thiruvottiyur Taluk, Tiruvallur District proposed by TANGEDCO, Chennai .

The Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) is the process of setting up of 1x660MW Ennore Thermal Power Station (ETPS) replacement Thermal Power Project after dismantling the existing ETPS located in Ernavur Village, Thiruvottiyur Taluk of Thiruvallur district.

2) The proposed power project is located outside CRZ area. However,, the foreshore facilities viz., Pipe Coal Conveyer, inlet pipe for drawal of cooling water/ outlet pipe of coolant water of proposed ETPS Expansion TPP (1x 660MW) etc., are falling in CRZ. Necessary Clearance under CRZ Notification 2011 for the construction of above foreshore facilities have already been obtained from MoEF&CC., GoI in letter dated 25.12.2008 for 5 years. Originally clearance for drawal of 92,000 cubic meter/hour of sea water was obtained for the existing ETPS and for proposed ETPS expansion TPP (1x660 MW).

3) As TANGEDGO have decided to replace the existing 40 year old units of ETPS with a supercritical unit of 1x660 MW, TANGEDGO have requested for extension of CRZ Clearance with an amendment of reduction of cooling water drawal from 92,000 cubic meter/hour to 25,000 cubic meter/hour to suit the requirements of both ETPS expansion TPP and ETPS replacement TPP since both the proposed power plants adopt closed cycle cooling system by establishing natural draft cooling towers (12000 cubic meter/hour for each project). For the reduction of drawal of cooling water, the TANGEDCO, has informed that they have obtained amendment from MoEF&CC., GoI with the extension of CRZ Clearance upto 22.12.2018.

4) The TANGEDCO has informed that the above foreshore facilities with reference to the intake cooling water and outfall for the discharge of thermal water, are presently under construction and requested Clearance to utilize the above said facilities for the proposed ETPS replacement Thermal Power Project.

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5) The project sites are falling in CRZ IB (inter tidal zone) and CRZ-II. The project cost is Rs.350 Crores. The District Coastal Zone Management Authority for CMDA areas has recommended the project subject to the following specific conditions:

- i) The sea water outfall location shall be based on the dispersion modeling studies.
- ii) The unit shall provide sensors to monitor the temperature of the sea water outfall pipeline at appropriate locations with continuous recording arrangements.

6) As per CRZ Notification 2011 vide para 4 (i) (a) clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities; Further as per para 8 (i) I CRZ I (b) and 8 (i) II CRZ II (vii)., the above activities are permissible activities. However as per para 4 (ii) (f) ., the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

7) The Authority may consider.

AGENDA ITEM NO.04: Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam

The District Coastal Zone Management Authority for Nagapattinam District has recommended a proposal, proposed by the Superintending Engineer, TANGEDCO, Nagapattinam for the proposed Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velippalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk and district, in 4 packages (packages 4 to 7) for Clearance under CRZ Notification 2011.

2) The project involves conversion work of 22KV OH line system to UG cable system. The package 4 for Nagapattinam town proposes to convert about 6.253 km of HT line and about 27.364 km of LT line into underground electrical cable. The package 5 for Nagore and Thonithurai proposes to convert about 28.58 km of HT line and about 59.98 km of LT line into underground electrical cable. The package 6 for Velippalayam Town proposes to convert about 26.30 km of HT line and about 94.67 km of LT line into underground electrical cable. The package 7 for Velankanni proposes to convert about 37.098 km of HT line and about 38.805 km of HT line into underground electrical cable.

3) The EIA report stated that the HT line, LT line, Service cables, street light cables will be placed in the trenches placed on the foot path side of the road and the trenches will vary from 0.3 to 1.2 m depending on the number of HT, LT and service cables to be laid in the trench.

4) The DCZMA Nagapattinam district has stated that the proposed project is falling in CRZ-I, II, III and IV areas in the above said areas at Nagapattinam taluk and the details of the Survey Nos. are mentioned in the report. The Total Project cost is Rs.227.30 Crores.

5) The DCZMA has in the meeting held on 10.02.2017 recommended the proposal to SCZMA with the following conditions.

- i. The cable laying activity shall not be carried out in the areas falling under CRZ-I and CRZ-IV.
- ii. The cable laying activity shall be carried out in coordination with various Departments / Agencies such as Municipality, Town Panchayat, Village Panchayat, TWAD Board, Highways Department, PWD, BSNL etc. and shall ensure that it does not affect the existing water supply lines, drainage lines, existing cabling system etc.
- iii. The project proponent shall ensure that in Velankanni Town area, the cable laying activity shall not be duplicated since already there is a proposal by the Town Panchayat in Velankanni Town to lay underground cables. The project proponent shall consult the Velankanni Town Panchayat in this regard.
- iv. The project proponent shall ensure that the height of the LT feeder Pillar / service is kept atleast 3 feet above ground level so as to avoid the possibility of damage due to flooding in case of heavy rain.
- v. The project proponent shall take all precautionary measures and shall ensure that no power leakage occurs from the cables laid underground under any circumstances.

6) As per the CRZ Notification 2011, vide para construction of conveying systems is permissible even in CRZ-I areas and as per para 4(ii) (d) of the said notification, the above activities are permissible activities and require clearance from the Ministry of Environment, Forests and Climate Change, GOI.

7) The Authority may consider.

AGENDA ITEM NO.05: Proposed "Common Corridor Pipeline Project, Re-gasified Natural Gas (R-LNG) Spur pipeline from Ennore to Manali proposed by Indian Oil Corporation Ltd., Southern Region Pipelines, Chennai

M/s. Indian Oil Corporation Limited (IOCL) is constructing a 5MMTPA import LNG terminal at Ennore, Tamil Nadu at an estimated cost of Rs.5151 Crores. For evacuation of gas and distribution of the same to various starving anchor customers viz., CPCL, MFL, TPL, MPL etc., in and around Chennai, IOCL, is proposing to lay 23 km underground Re-gasified Natural Gas (R-LNG) pipeline from LNG terminal, Kamarajar Port.

2) The applicant has informed that a separate pipeline is proposed from Ennore to CPCL refinery, MFL, MPL, TPL, basin bridge etc., in Manalai Industrial area. The pipeline passes through three minor river crossings like Kossastalaiyar Riiver, Buckingham Canal at a length of 23 kms. The design, construction and laying methodology of these pipelines are as per the international standards and the pipeline will be laid at a depth of min.1.2m below ground level and more depth at water body, road, railway crossings with additional protection like concrete coating and heavy wall pipe thickness etc., The applicant has informed that once the pipelines are lowered, the land will be restored back to its original condition.

3) The project sites are falling in CRZ-I (inter tidal zone) and CRZ-II. The Total project cost is Rs.52.86 Crores. The District Coastal Zone Management Authority for CMDA areas subject to the following specific conditions:

- i) The unit shall ensure that the pipeline is designed and constructed by adhering to OISD (Oil Industry Safety Directorate) Code as applicable.
- ii) The unit shall ensure that SCADA system as envisaged is provided for monitoring all the operational parameters and integrity of the pipe line.
- iii) The unit shall comply with the recommendations as suggested in the Environment Impact Assessment & Risk Assessment Study Report as conducted by M/s. Bagavathi Ana Labs Pvt. Ltd.,
- iv) The unit shall comply with all the recommendations suggested in the Environment Management Plan both in the Construction and Operational Phase of the project done by M/s. Bagavathi Ana Labs Pvt. Ltd.,

- v) The unit shall ensure that an Environment Management Cell headed by a Project Manager is created and put in place in order to implement and to continue to maintain all measures suggested in the Environment Management Plan.
- vi) The unit shall provide adequate sanitation for workers to be deployed in the pipe line project.
- vii) The unit shall prepare Emergency Response and Disaster Management Plan (ERDMP) as per PNGRB (Petroleum & Natural Gas Regulatory Board) Regulations for the pipeline project.
- viii) The unit shall conduct a safety audit on the compliance of the safety measures adhered to as per OISD (Oil Industry Safety Directorate) Code through CISRA, CLRI, Chennai.
- ix) The unit shall display sign boards en-route of the pipeline at every 500 Meter intervals and at strategic locations to indicate the presence of the underground pipeline and the depth at which the pipelines are laid.
- x) The unit shall furnish quarterly report on the pipeline routing progress of the project to TNPCB.
- xi) The unit shall ensure that acquisition of land for the project is completed before commencement of the project.
- xii) The unit shall obtain all statutory clearance from the concerned authority for laying of the proposed pipe line before commencement of the project.
- xiii) The unit shall establish the facility only after obtaining the consent to establish from Tamil Nadu Pollution Control Board.
- xiv) The unit shall ensure that no ecological sensitive area is located within the radius of 10 km from the project site
- xv) The unit shall furnish the CRZ demarcation map as done by competent agencies as per 1996 Coastal Zone Management Plan.

4) As per CRZ Notification 2011, vide para 4 (i) (a) clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities; Further as per para 8 (i) I CRZ I (b) and 8 (i) II CRZ II (iv)., the above activities are permissible activities. However as per para 4 (ii) (d) ., the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

The Authority may consider.

AGENDA ITEM NO.06 Proposed laying pipeline in CRZ area for discharging treated effluent into sea for the proposed Special Oxide and Metal Plant BARC facility at Pazhayakayal, Thoothukudi district proposed by Bhabha Atomic Research Centre, Navi Mumbai.

The Powder Metallurgy Division of Materials Group, BARC has proposed to set up a facility Special Oxide and Metal Plant for the production of beryllium, beryllia and alloys of beryllium and components at Pazhayakayal, Tuticorin, Tamil Nadu. The land belongs to Department of Atomic Energy. The applicant has informed that the Department of Atomic Energy sanctioned a plot of approx. 110 hectares (271 acres) for setting up this beryllium facility in March 2011.

The applicant has informed that the proposed Special Oxide and Metal Plant will be an integral facility for the extraction of beryllium from beryl, production, shaping of beryllium based alloys and beryllium oxide, along with a facility for the treatment of process waste. The District Coastal Zone Management Authority, Tuticorin has informed that the desalination plant for the above project is falling outside CRZ and the water intake and brine outfall pipelines are falling in CRZ and passing through CRZ-I, II & IV areas. The proposed intake point of sea water is falling about 1000mts at a depth of 4.5mts and the outfall point of sea water lies about 3000mts at a depth of 6mts. The intake pipeline will be designed to withdraw the volume of 20 cu.m/hour and the water will be drawn from the sea for 20 hours in a day. The Volume of brine reject will be 10 cu.m/hour and it will be released into the sea for 20hrs in day. The salinity of the return water will be 45ppt which is 10ppt higher than that of ambient salinity of 35ppt. The cost of the project is 450 Crores.

The District Coastal Zone Management Authority, Thoothukkudi has recommended the project for Clearance under CRZ Notification 2011.

As per CRZ Notification 2011, vide para 3 (i) (b), projects of Department of Atomic Energy are exempted from the prohibited activities. As per CRZ Notification 2011, vide para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; Further as per para 8 (i) I CRZ I (b) and (e) and 8 (i) III CRZ III (iii)(b)., the above activities are permissible activities. However as per para 4 (ii) (b) ., the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

The Authority may consider.

AGENDA ITEM NO.07: Proposed facilitation of New Sea Water Intake System by re-aligning of Existing Intake and Outfall Pipeline route at Ennore proposed by M/s. Coromandel International Limited, Ennore.

The Coromandel International Limited, Chennai has proposed for the facilitation of New Sea Water Intake System and Outfall Pipeline route at Ennore by re-aligning of Existing Intake Facility at Coromandel International Limited, Ennore.

2) Under the proposal, M/s. Coromandel International Limited (CIL) , Ennore has established a Multi Effect Distillation (MED) unit, in 1995 for their existing fertilizers manufacturing unit at Ennore. The CIL has proposed to set up a direct sea water intake facility from the Ennore Coast for extracting distilled water for the product usage, which is located 100 m inside the sea from the coastline. The applicant has proposed to extract about 280 cub.mts/hour as intake capacity to attain the maximum product water capacity of 65 cub.mts/hour. The temperature of the final out fall water will be nearer to ambient and salinity will be 49ppt, whereas, in the existing operation it is 54ppt. The out fall remains the same allocation, which is about 50mts from the coastline and there will not any change in the approved outfall capacity of 200cub.mts/hour. The applicant has informed that the existing outfall of ETPS, which is the primary source of seawater for the Coromandel plant will be relocated, as per their Master Plan and hence the applicant has proposed for the construction of individual sea water intake facility to meet MED operations.

3) The District Coastal Zone Management Authority for CMDA areas recommended the project subject to the following specific conditions:

- a) The brine water outfall location shall be based on the dispersion modeling studies as conducted by the Competent Authority.
- b) The unit shall provide sensor to monitor the temperature and TDS of the brine outfall pipeline at appropriate location with continuous recording arrangements.
- c) The unit shall obtain NOC from TNPCB for the project for which CRZ Clearance is sought for when applying to the TNSCZMA.
- d) The unit shall ensure that their activities shall not affect the regular fishing activities.

e) The unit shall comply with the recommendation as suggested in the EMP as conducted by M/s. Cholamandalam MS Risk Services Ltd.,

4) The project features are falling in CRZ I (B) - inter tidal zone, CRZ-II and CRZ IV. The project cost is Rs.3 Crores. The applicant has not proposed to construct any jetty under this project.

5) As per CRZ Notification 2011, vide para 4 (i) (a) clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities; Further as per para 8 (i) I CRZ I (ii) (e) and 8(i) II CRZ II (v)., the above activities are permissible activities. However as per para 4 (ii) (d) and (h)., the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

6) The Authority may consider.

AGENDA ITEM NO.08 Proposed event titled "Embrace Our Rivers" - Public Art Awareness during September 2017 proposed by Goethe Institut Chennai, Max Muller Bhavan, Chennai.6

The Goethe Institut, Chennai has proposed to organize a Public Art Awareness event titled "Embrace our Rivers" along the banks of Cooum River, near to its confluence point (Cooum Estuary) adjacent to Napier Bridge, so as to create environmental awareness about Chennai rivers, especially Cooum River for the benefit of citizens of Chennai, especially school children. The main aim of the programme, is to establish an emotional and techno-social connects between the Cooum and the people, the abiotic and biotic stakeholders, through the medium of Art and Technology.

2) The Programme is proposed to be held for the duration of a month between September to October 2017 or alternatively between February to March 2018.

Under the proposal the applicant has proposed to erect the following:

- i) Pavilion, measuring 14 m X 10 m size having 4.5 m height as space for gathering, discussion, information dissemination and performance behind Anna Square.
- ii) Kolam installation
- iii) Flowing water
- iv) Floating island garden
- v) Cooum lighting
- vi) Bloom
- vii) A lake in a river
- viii) A trail of Sound showers
- ix) Droppings and the Dam - plastic bottle cap art., etc.,

3) The Project site is falling in CRZ-IB (inter tidal zone), CRZ-II and CRZ-IV. The total project cost is Rs.1.20 Crores.

4) The District Coastal Zone Management Authority for CMDA areas, have recommended the project subject to the following specific conditions:

- i) The project proponent shall obtain permission from the Commissioner of Greater Chennai Corporation for deployment of adequate number of police personnel's in the project area during the entire course of the entire event.

- ii) The Project proponent shall ensure that personnel from fire and rescue department should be available at site for any rescue required, if any unforeseen incidents happened.
- iii) The project proponent should be aware of the daily weather forecast during the entire course of the event to be conducted and preventive measures to be planned.
- iv) The Project Proponent should provide adequate collection arrangement in the event area for collection of Municipal Solid Waste likely to be generated and to be disposed through Greater Chennai Corporation on daily basis.
- v) The Project proponent shall organize for temporary toilet arrangement in the vicinity of the event area with adequate water supply through Greater Chennai Corporation.
- vi) The Project Proponent shall obtain necessary permission from PWD, TNEB, Traffic Police as required for the programme.
- vii) The project proponent shall organize for temporary DG set as specified by CPCB guidelines for in house generator set (Noise and emission)
- viii) The proponent should remove all the infrastructure provided in the event area and bring back the area back to normalcy in the event of completion of the awareness programme.
- ix) The Project proponent should explore the possibility of installing the pavilion outside CRZ area preferably in the island ground area so as the gathering, discussion, information and dissemination and performance can be undertaken by providing temporary pavilion with basement having adequate structural stability under safety aspects.

5) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.

The Authority may consider.

AGENDA ITEM NO.09 Proposed construction of additional St. Vincent De Paul School building at R.S. No. 384/3 (pt), 384/6, 384/7A Manavalakurichi village, Kalkulam Taluk, Kanyakumari district proposed by Fr.E. Joseph, Parish priest, Periaviali, Manavalackurich, Kanyakumari district.

The District Environmental Engineer, TNPCB Kanniyakumari has forwarded a proposal for the additional construction of St. Vincent De Paul school building at R.S. No. 384/3 (pt), 384/6, 384/7A Manavalakurichi village, Kalkulam Taluk, Kanyakumari district proposed by Fr.E. Joseph, Parish priest, Periaviali, Manavalackurich, Kanyakumari district for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-III within 200 to 500mts from the HTL of Sea as per the report of the District Coastal Zone Management Authority (DCZMA), Kanyakumari district. Project cost is Rs.23 lakhs. The total area of the project site is 5505.28 sq.mts. Existing Plinth area of the construction is 1257.79 sq.mts. The Proposed Plinth Area of the Construction is 852.88 sq.ft., Vacant area is 4344.59 sq.mts. The applicant has proposed to construct ground and First floor building with head room. The applicant has stated that Periavilai village has 501 household with 576 families and the one third of the total population of 1976 is school going children. The school desire to provide low cost affordable English education to the very poor families of the village and surrounding villages.

3) The Executive officer, Manavalakurichi Town Panchayat, Kanyakumari district has stated that the fresh water from Town Panchayat Water supply scheme is available for the proposed school building. The DCZMA of Kanyakumari District has recommended the proposal for Clearance under CRZ Notification 2011.

4) As per CRZ Notification 2011, vide para 8 III CRZ III (B) (viii) construction of school buildings for local inhabitants of the area of those panchayats, the major part of which falls within CRZ if no other area is available for construction of such facilities.

5) The proposal has been placed before the 95th TNSCZMA meeting held on 22.06.2017 and the authority resolved to defer the proposal to the next meeting for discussion.

6) The Authority may consider.

AGENDA ITEM NO.10 Proposed construction of residential building in S.No.597/13 at Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district proposed by Brahma Kumaris Beena, Anna Nagar, Chennai.

The District Environmental Engineer, TNPCB Kanniyakumari has forwarded a proposal for the construction of residential building at R.S. No. 597/13 at Kanyakumari village, Agastheeswaram Taluk, Kanyakumari district proposed by Brahma Kumaris Beena, Anna Nagar, Chennai 40 for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II. The District Coastal Zone Management Authority, Kanyakumari District at Nagercoil, has informed that the proposed building is on the landward side of the existing road and recommended the project for Clearance. Further the DCZMA has informed that the proposed project satisfies the Municipal Building Rules, 1972. Project cost is Rs.22.78 lakhs. The total area of the project site is 485.60 sq.mts. The Proposed Plinth Area of the Construction is 352.699 sq.ft., Vacant area is 317.075 sq.mts. The applicant has proposed to construct ground and First floor building with the plinth area of 168.525 sq.m., each with head room of 15.649 sq.mts.,

3) The Executive officer, Kanyakumari Town Panchayat, Kanyakumari district has accepted for the supply of fresh water from Town Panchayat Water supply scheme for the proposed building. The DCZMA of Kanyakumari District has recommended the proposal for Clearance under CRZ Notification 2011.

4) As per CRZ Notification 2011, vide para 8 (i) II CRZ II (i) & (ii)) and as per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) " buildings shall be permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.

AGENDA ITEM NO.11 Extension of time for the Clearance already issued to the Director, Sacred Heart Marine Research Centre, Thoothukkudi for the temporary research laboratory at Beach road, Karapad, Thoothukkudi.

The Director, Sacred Heart Marine Research Centre, Thoothukdi have previously obtained CRZ clearance for establishing a temporary research laboratory at Beach Road, Karapad, Thoothukudi for conducting research on marine antifouling agent and the environmental clearance was issued in Proc. No. P1/624/2004 dated 09.06.2004 with a validity for three years. The Director, Sacred Heart Marine Research Centre, Thoothukudi has then requested for the extension of time to continue their research in Thoothukudi and accordingly extension of time has been granted time to time. As resolved in the 83rd meeting of the TNSCZMA held on 19.05.2015, the validity of Environment Clearance already granted to the above Research Institute has been extended upto 09.06.2017.

2) The site falls in CRZ-I(B) - inter tidal zone. The structures are of temporary nature and located in the land belonging to Thoothukudi Port Trust.

3) The applicant has informed that they conducting practical and applied research to develop nontoxic coatings that will prevent the attachments of barnacles on submerged surfaces based on "Static Immersion Test" and informed that a continuous mode of dynamic test creates a simulated environment that challenges the coating so that poor performing coating systems can be identified. The institution has requested, in their letter dated 17.04.2017, for further extension of time for 4 more years to complete the research subject to the conditions already imposed.

4) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities;

5) The Authority may consider.

AGENDA ITEM NO.12 Proposed sub-division of residential property at T.S. No.282/1 and 282/4 at Thiruvanmiyur Village on Ashtalakshmi Koil street, Besant Nagar, Chennai.90 proposed by Thiru P.V. Sanmugam & 2 others, Chennai.28.

Thiru P.V. Sanmugam and 2 others, R.A. Puram, Chennai has submitted an application for the sub-division their property at T.S. No.282/1 and 282/4 (old S.No. 169/3pt., 4pt., Block No.55) at Thiruvanmiyur Village on Ashtalakshmi Koil street, Besant Nagar, Chennai.90 for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 1371 Sq.m., into four plots of sizes 266.10 sq.mt., 297.30 sq.mt., 297.30 sq.mt., and 297.30 Sq.m., each. The proposal involves a formation of 4.80mt wide private passage with the area of 213 sq.mt., for approach. The site is falling on the landward side of the Temple, on the 9.14 mt Asta Lakshmi Koil Street of Besant Nagar, Chennai-90.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) " buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.

AGENDA ITEM NO.13 Proposed sub-division of residential property at Door No.3/347C, S.No.227/7A, 7B, 7C, 7D and 7E of Kottivakkam Village, Chennai proposed by Thiru L. Amalraj, K.K. Nagar, Chennai.

Thiru L. Amalraj, K.K. Nagar., Chennai has submitted an application for the sub-division their property at Door No.3/347C, S.No.227/7A, 7B, 7C, 7D and 7E of Kottivakkam Village, Chennai for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 6355 Sq.m., into five plots of sizes 1328 sq.mt., 1420 sq.mt., 1420 sq.mt., 1022 Sq.m., and 792 sq.ft., each. The proposal involves a formation of 6.00mt wide common passage with the area of 374 sq.mt., for approach.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) " buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.

AGENDA ITEM NO.14 Proposed sub-division of residential property at S. No. 224/5A7,5A8, 5A9, 244/ 5A10, 5A11 of Kottivakkam village, Chennai proposed by Thiru Sarath Kakumanu and 4 others, Chennai.

Thiru Sarath Kakumanu and 4 others, Chennai has submitted an application for the sub-division their property at S. No. 224/5A7, 5A8, 5A9, 244/ 5A10, 5A11 of Kottivakkam village, Chennai for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 3200 Sq.m., into three plots of sizes viz., Plot A 1260 sq.mt., Plot B 1250 sq.mt., and Plot C 690 sq.mt., each.

3) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and Corporation of Chennai with reference to sub-division/ layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as para 8 II CRZ-II (ii) " buildings permitted on the landward side of the existing and proposed roads or existing authorized structures (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.

AGENDA ITEM NO.15 Any other subjects 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. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

**MINUTES OF THE 96th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY HELD ON 08.09.2017**

AGENDA ITEM NO.01: Confirmation of the minutes of the 95th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 22.06.2017.

The minutes of the 95th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 22.06.2017 communicated in Letter No.P1/1044/2015 dated 30.06.2017 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 95th meeting of the Authority held on 22.06.2017

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 95th meeting of the Tamil Nadu State Coastal Zone Management authority held on 22.06.2017.

AGENDA ITEM NO.03: Setting up of ETPS replacement Thermal Power Project (1x660 MW) at Ernavur Village, Thiruvottiyur Taluk, Tiruvallur District proposed by TANGEDCO, Chennai .

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- i) The sea water outfall location shall be based on the dispersion modeling studies.
- ii) The unit shall provide sensors to monitor the temperature of the sea water outfall pipeline at appropriate locations with continuous recording arrangements.
- iii) Debris should not be dumped in to the water bodies /sea.
- iv) Green belt shall be developed based on the soil and climatic conditions in consultation with the Forest Department.

AGENDA ITEM NO.04: Conversion of overhead Distribution lines into Underground Cabling System at Nagapattinam Town, Nagore Town, Velipalayam Town, Thonithurai and Velankannai (Vadakkupoigainallur) of Nagapattinam Taluk proposed by Superintending Engineer, TANGEDCO, Nagapattinam

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

.2.

- a) The work shall be carried out, initially through trial pits/ trenches on a pilot scale and after analyzing the pros and cons, the work shall be executed without any adverse impact on the coastal eco-system.
- b) As far as possible, the cutting of trees shall be avoided and if not possible, the transplant of trees should be explored. Further sufficient seedlings/ tall plants should be planted newly, where ever possible in the project site and ensure their growth.
- c) The dismantling of the existing overhead network with wastes materials such as transformers, conductors, poles etc should be reused in a different project areas and the evacuated earth while laying the electrical cables should be reused for backfilling and compaction of the UG cable trenches.
- d) The cable laying activity shall not be carried out in the areas falling under CRZ-I and CRZ-IV.
- e) The cable laying activity shall be carried out in coordination with various Departments / Agencies such as Municipality, Town Panchayat, Village Panchayat, TWAD Board, Highways Department, PWD, BSNL etc. and shall ensure that it does not affect the existing water supply lines, drainage lines, existing cabling system etc.
- f) The project proponent shall ensure that in Velankanni Town area, the cable laying activity shall not be duplicated since already there is a proposal by the Town Panchayat in Velankanni Town to lay underground cables. The project proponent shall consult the Velankanni Town Panchayat in this regard.
- g) The project proponent shall ensure that the height of the LT feeder Pillar / service is kept at least 6 (Six) feet above ground level so as to avoid the possibility of damage as well as to ensure safety due to flooding in case of heavy rain.

.3.

- h) The project proponent shall take all precautionary measures and shall ensure that no power leakage occurs from the cables laid underground under any circumstances.

AGENDA ITEM NO.05: Proposed "Common Corridor Pipeline Project, Re-gasified Natural Gas (R-LNG) Spur pipeline from Ennore to Manali proposed by Indian Oil Corporation Ltd., Southern Region Pipelines, Chennai

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a. The unit shall ensure that the pipeline is designed and constructed by adhering to OISD (Oil Industry Safety Directorate) Code as applicable.
- b. The unit shall ensure that SCADA (Supervisory Control And Data Acquisition) system as envisaged is provided for monitoring all the operational parameters and integrity of the pipe line.
- c. The unit shall comply with the recommendations as suggested in the Environment Impact Assessment & Risk Assessment Study Report as conducted by M/s. Bagavathi Ana Labs Pvt. Ltd.,
- d. The unit shall comply with all the recommendations suggested in the Environment Management Plan both in the Construction and Operational Phase of the project done by M/s. Bagavathi Ana Labs Pvt. Ltd.,
- e. The unit shall ensure that an Environment Management Cell headed by a Project Manager is created and put in place in order to implement and to continue to maintain all measures suggested in the Environment Management Plan.
- f. Green belt shall be developed based on the soil and climatic conditions in consultation with the Forest Department.
- g. The unit shall provide adequate sanitation for workers to be deployed in the pipe line project.

.4.

- h. The unit shall prepare Emergency Response and Disaster Management Plan (ERDMP) as per PNGRB (Petroleum & Natural Gas Regulatory Board) Regulations for the pipeline project.
- i. The unit shall conduct a safety audit on the compliance of the safety measures adhered to as per OISD (Oil Industry Safety Directorate) Code through CISRA, CLRI, Chennai.
- j. The unit shall display sign boards en-route of the pipeline at every 500 Meter intervals and at strategic locations to indicate the presence of the underground pipeline and the depth at which the pipelines are laid.
- k. The unit shall furnish quarterly report on the pipeline routing progress of the project to TNPCB.
- l. The unit shall ensure that acquisition of land for the project is completed before commencement of the project.
- m. The unit shall obtain all statutory clearance from the concerned authority for laying of the proposed pipe line before commencement of the project.
- n. The unit shall establish the facility only after obtaining the consent to establish from Tamil Nadu Pollution Control Board.
- o. The unit shall implement the CSR activities with the involvement of local bodies and also with local public involvement.
- p. The unit shall ensure that no ecological sensitive area is located within the radius of 10 km from the project site

AGENDA ITEM NO.06 Proposed laying pipeline in CRZ area for discharging treated effluent into sea for the proposed Special Oxide and Metal Plant BARC facility at Pazhayakayal, Thoothukudi district proposed by Bhabha Atomic Research Centre, Navi Mumbai.

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- i) The sea water outfall location shall be based on the dispersion modeling studies.

.5.

- ii) The unit shall explore the possibilities of reducing the salinity level of the brine around 45ppt to 40ppt.
- iii) An action plan should be evolved to mitigate adverse impact, if any due to the project, on nearby Mangroves.
- iv) The Unit should implement a specific programme in the Gulf of Mannar Biosphere in association with the Forest Department / Gulf of Mannar Biosphere Reserve Trust.
- v) There should be no discharge of effluent into the sea or any water body as assured.
- vi) Green belt shall be developed based on the soil and climatic conditions in consultation with the Forest Department.
- vii) The unit shall ensure that their activities shall not affect the regular fishing activities.

AGENDA ITEM NO.07: Proposed facilitation of New Sea Water Intake System by re-aligning of Existing Intake and Outfall Pipeline route at Ennore proposed by M/s. Coromandel International Limited, Ennore.

The Authority resolved to recommend the proposals to the Ministry of Environment, Forests and Climate Change, GoI with the following specific conditions:

- a) The brackish water outfall location shall be realigned based on the dispersion modeling studies.
- b) The unit shall obtain NOC from TNPCB for the project.
- c) Green belt shall be developed based on the soil and climatic conditions in consultation with the Forest Department.
- d) The unit shall ensure that their activities do not affect the fishing activities of the local communities.
- e) The unit shall implement the CSR activities with the involvement of local bodies and also with local public involvement.

- f) The unit shall comply with the recommendation as suggested in the EMP as conducted by M/s. Cholamandalam MS Risk Services Ltd.,

AGENDA ITEM NO.08: Proposed event titled "Embrace Our Rivers" - Public Art Awareness during September 2017 proposed by Goethe Institut Chennai, Max Muller Bhavan, Chennai.6

The Authority requested the Member Secretary to make a site visit along with three other Members of the TNSCZMA, on the project areas, within 10 days and furnish a report on the feasibility of the implementation of the project especially with reference to the specific locations of the proposed activities under the proposal to the Authority for consideration.

AGENDA ITEM NO.09 Proposed construction of additional St. Vincent De Paul School building at R.S. No. 384/3 (pt), 384/6, 384/7A Manavalakurichi village, Kalkulam Taluk, Kanyakumari district proposed by Fr.E. Joseph, Parish priest, Periaviali, Manavalackurich, Kanyakumari district.

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

- a) Prior 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 and para 8 (i) III CRZ III A (iii) (j) & B (viii) of CRZ Notification 2011.
- 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.

AGENDA ITEM NO.10: Proposed construction of residential building in S.No.597/13 at Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district proposed by Brahma Kumaris Beena, Anna Nagar, Chennai.

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

- a) Prior 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 and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be 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.

AGENDA ITEM NO.11 Extension of time for the Clearance already issued to the Director, Sacred Heart Marine Research Centre, Thoothukkudi for the temporary research laboratory at Beach road, Karapad, Thoothukkudi.

The applicant informed that the research will be continued with the latest technology. The Authority however found that the scope of the existing activities has been changed and resolved not to extend the time limit. Further the Authority resolved to request the applicant to apply afresh for Clearance with the current facts and details of the activities for scrutiny.

AGENDA ITEM NO.12 Proposed sub-division of residential property at T.S. No.282/1 and 282/4 at Thiruvanmiyur Village on Ashtalakshmi Koil street, Besant Nagar, Chennai.90 proposed by Thiru P.V. Sanmugam & 2 others, Chennai.28.

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

.8.

- a) Sub-Division approval should be obtained duly from the CMDA / Corporation of Chennai
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- 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.
- 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.13 Proposed sub-division of residential property at Door No.3/347C, S.No.227/7A, 7B, 7C, 7D and 7E of Kottivakkam Village, Chennai proposed by Thiru L. Amalraj, K.K. Nagar, Chennai.

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

- a) Sub-Division approval should be obtained duly from the CMDA / Corporation of Chennai
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- 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.
- 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.14 Proposed sub-division of residential property at S. No. 224/5A7,5A8, 5A9, 244/ 5A10, 5A11 of Kottivakkam village, Chennai proposed by Thiru Sarath Kakumanu and 4 others, Chennai.

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

- a) Sub-Division approval should be obtained duly from the CMDA / Corporation of Chennai
- b) Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) II CRZ II (i) & (ii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- 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.
- e) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

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

Sd/- xxxxx
Thiru. Md. Nasimuddin, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.