

AGENDA NOTES

80th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 27.10.2014

Time: 02.00 P.M.

Venue:

PWD Conference Hall, 5th floor,
Secretariat,
Chennai - 600 009

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**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT
AUTHORITY - 80th MEETING**

Date & Time:
27.10.2014 - 02.00 P.M.

Venue: PWD Conference Hall.
5th floor, Secretariat,
Chennai- 600 009.

AGENDA ITEM NO.01: Confirmation of the minutes of the 79th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 18.08.2014.

The 79th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 18.08.2014 and the minutes were communicated in letter no. P1/141/2013 dated 20.08.2014 (Copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 79th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 18.08.2014**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 78th meeting of
the Tamil Nadu State Coastal Zone Management
Authority held on 21.07.2014.**

The minutes of the 78th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.07.2014 communicated in Letter No.P1/141/2013 dated 30.07.2014 of the Director of Environment, was confirmed.

**AGENDA ITEM NO.02: Report on the follow up action taken in respect of
decisions taken during the 78th meeting of the
TNSCZMA.**

The Member Secretary, TNSCZMA briefed the members about the action taken by the Department of Environment on the decisions taken during the 78th meeting of the Tamil Nadu State Coastal Zone Management authority held on 21.07.2014.

**AGENDA ITEM NO. 03: Re- Construction of Fish Landing Centre at
Mookaiyur in Ramanathapuram district proposed by
the Fisheries Department..**

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

- a) Predicted turbidity levels in terms of suspended matter concentration at surface and decrease of penetration at 1,2,5 km radius of dredging location shall be included in the EIA and proper measures should be evolved to mitigate adverse impacts, if any.
- b) Estimated loss of benthic animals during dredging and period likely to be taken for reformation of benthic habitat in and around dredging area shall be included in the EIA report and it should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.

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- c) BOD levels excepted from treated sewage generated from proposed STP of Fish Landing Centre shall be included in the EIA report and an environment monitoring plan shall be formulated to periodically assess and monitor the impact of operation of the facility on the marine environment.
- d) A Proper Solid Waste Management Plan shall be implemented at the project site.
- e) No drawal of ground water in CRZ areas is permitted.

AGENDA ITEM NO:04 **Permanent Stability to Coastal inlet of Tamaraparani river at S.F. No. near 76 & 77, Punnakayal Village, Tiruchendur Taluk, Thoothukudi district under Coastal Disaster Reduction and Rehabilitation Programme proposed by Fisheries Department.**

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

- a) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- b) Shoreline evolution due to the proposed activities should be observed periodically and remedial measures need to be planned.
- c) The activity should not have any adverse impact on the marine organisms.
- d) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- e) Proper Air Pollution control measures shall be implemented especially on the vehicular emissions.

AGENDA ITEM NO.05 **Proposed construction of training wall at the mouth of river Tamiraparani at Punnakayal Village, Tiruchendur Taluk, Thoothukudi district proposed by Public Works Department.**

As the proposal is not in consonance with the proposal of Permanent Stability to Coastal inlet of Tamaraparani proposed by the Fisheries Department and also the stakeholders of the project are fishermen, the Authority resolved to request the Public Works Department to submit a fresh proposal in consultation with the Fisheries Department with the following details.

- a) The details of options, alternatives considered by the PWD to prevent / reduce the erosion at the project site.
- b) The proposal should be finalized take into the confidence of all stakeholders and fishermen. The proposed plan should be clear with long term objectives and to ensure no haphazard developments due the project.
- c) The details of projects on shoreline protection measures taken up by the PWD on the Coast of Tamil Nadu during the past 5 years and the current status / impacts on the said projects on the coastal environment should be furnished so as to have a holistic pictures on the said project.

AGENDA ITEM NO.06 **Storage of CBFS (Carbon block feed stock)., Carbon black oil, coal tar in conjunction with present edible oil at the Oil Storage Tanks in Chennai Port Area proposed by M/s. Integrated Service Point Private Limited, Chennai.**

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

- a) Proper awareness should be created among the public who are residing within the buffer zone
- b) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- c) There should not be any extraction of ground water in CRZ.

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- d) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- e) The construction of storage tanks shall satisfy the prescribed standard norms.
- f) Any further activity should be carried out in the above site, only with the prior approval of the competent authorities.
- g) The storage tanks should be used for the storage of edible oil and Non hazardous substances only as proposed.
- h) Appropriate facility should be created for the collection of solid and liquid waste, if any, and their safe disposal should be ensured at the storage location and as well as transit points.

Addl. AGENDA ITEM NO.01: **Construction of buildings in violation of CRZ Notification 2011 and Tamil Nadu Town and Country Planning Act filed by Thiru N. Sivakumar- WP (MD) No..8500 of 2014 in the Hon'ble High Court of Madras, Madurai Bench regarding.**

The Authority resolved to request all the Coastal District Collectors/ Chairman, District Coastal Zone Management Authorities and also the Commissioner of Corporation of Chennai to identify violations in CRZ with reference to CRZ Notification 2011 and to take action on such violations.

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

Sd/-
Thiru Hans Raj Verma., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government (/c).,
Environment & Forests Dept., Chennai - 9.

AGENDA ITEM NO.02: The action taken on the decisions of 79th meeting of the Authority held on 18.08.2014 are given below:

SI. No	Description of proposals	Action taken
01	Re- Construction of Fish Landing Centre at Mookaiyur in Ramanathapuram district proposed by the Fisheries Department.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. P1/1473/2014 dated 20.08.2014 for taking further action.
02	Permanent Stability to Coastal inlet of Tamaraparani river at S.F. No. near 76 & 77, Punnakayal Village, Tiruchendur Taluk, Thoothukudi district under Coastal Disaster Reduction and Rehabilitation Programme proposed by Fisheries Department	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. RoC. No. P1/1417/2014 dated 20.08.2014 for taking further action.
03	Proposed construction of training wall at the mouth of river Tamiraparani at Punnakayal Village, Tiruchendur Taluk, Thoothukudi district proposed by Public Works Department.	As resolved the applicant was requested to submit a fresh proposal in consultation with the Fisheries Department in Ir. No. P1/1418/2014 dated 20.08.2014
04	Storage of CBFS (Carbon black feed stock), Carbon black oil, coal tar in conjunction with present edible oil at the Oil Storage Tanks in Chennai Port Area proposed by M/s. Integrated Service Point Private Limited, Chennai.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. RoC. No. P1/1260/2014 dated 20.08.2014 for taking further action.
05	Construction of buildings in violation of CRZ Notification 2011 and Tamil Nadu Town and Country Planning Act filed by Thiru N. Sivakumar- WP (MD) No..8500 of 2014 in the Hon'ble High Court of Madras, Madurai Bench regarding.	As resolved all the Coastal District Collectors/ Chairman, District Coastal Zone Management Authorities and also the Commissioner of Corporation of Chennai have been requested to identify violations in CRZ with reference to CRZ Notification 2011 in Ir. No. P1/169/2011 dt., 30.09.2014.

AGENDA ITEM NO. 03: **Construction of foreshore facilities for cooling water intake and outfall structures for Uppur Thermal Power Project (2 x 800 MW) at S.F. Nos. 146, 149 of Uppur village, and S.F.No. 101 & 103 of Valamavoor village, Thiruvadanai Taluk, Ramanathapuram district proposed by TANGEDCO, Chennai.**

The Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO) has proposed to establish 2 X 800 MW Supercritical Thermal Power Project at Uppur, Valamavoor and Thiruppalaikudi villages of Thiruvadanai Taluk, Ramanathapuram District. The proposed Power Plant is outside CRZ..

2) For the above said project, the TANGDECO is proposed to construct foreshore facilities for cooling water intake and outfall structures at S.F. Nos. 146, 149 of Uppur village, and S.F.No. 101 & 103 of Valamavoor village, Thiruvadanai Taluk, Ramanathapuram district. The raw water requirement of the Uppur Thermal Power Project is about 15376 m³/hr (369024 m³/day). Based on the modeling studies the TANGEDCO has proposed to draw cooling water from sea at a distance of 6.0 km from shore at a depth of 5 m and to discharge the coolant water at a distance of 7.0 km from the shore at a depth of 5.5 m. The outfall / intake pipelines will be laid over jetty. The jetty will be supported by concrete pillars with a span of 16m Height of the jetty above CD (Chart Datam) will be 7.5 m. This will ensure free movement of fishing vessel. The diameter of intake well will be 14m.

3) The Total Project cost in CRZ is 345 crores. The project site is falling in CRZ-IA (ecologically sensitive area), CRZ-IB (Inter - tidal zone), CRZ-III and CRZ-IV. The District Coastal Zone Management Authority (DZMA), Ramanathapuram have indicated that the site is barren land, Mangrove Forest is found in the vicinity of the site and a few salt pans are found near the site. The DCZMA have indicated that the proposed development may impact on 100 X 50 m which is about 0.5 hectare and this represents a loss of approximately 0.004% of the total mangroves in the area.

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 activities ; and as per CRZ Notification 2011 vide para 8 I CRZ I (i) (b), 8I CRZ I (ii) (e), 8 III A (iii) (h) and 8 III B (v)., the above said activities are permissible activities in CRZ IA., CRZ-IB, and CRZ III (in No Development Zone and in restricted development zone) respectively. However, the proposal requires clearance from the Ministry of Environment and Forests, GoI vide para 4 (ii) (d) & (f) of CRZ Notification 2011.

5) The Authority may consider.

AGENDA ITEM NO.04 **Proposed improvements to the Marina Loop Road by relaying with cement concrete road from the junction of Light House in Kamaraj Salai to the junction of Pattinapakkam proposed by Corporation of Chennai.**

The Corporation of Chennai has proposed improvements to the Marina Loop Road by relaying with cement concrete road from the junction of Light House in Kamaraj Salai to the junction of Pattinapakkam for the following reasons.

- a) To develop the marina loop road quality
- b) To control the traffic volume
- c) To develop the surroundings area in hygienic conditions
- d) To improve the paving area
- e) To comfortable journey cross the marina loop road zone
- f) To develop the marina beach extension.

2) The Corporation of Chennai in their application has furnished that the length of the road is 2.55 kms and the area of the proposed improvement is 39525 sq.mt and hence the width of the loop road for development is arrived as 15.50m. Under the proposal the Corporation of Chennai has proposed to improve the loop road with the facilities viz., cycle track, pedestrian facilities, drainage system, street lighting, traffic signs, road studs, communication utilities, electrical utilities with foot path (eastern and western sides) for a width ranging from 2m to 3.5m. The surface of the footpath will be prepared with granite stone blocks with pedestrian guardrails. Geographic location of the project site, furnished by the Corporation of Chennai is 13.0302°N, 80.2787° E.

3) The site (road) is falling along the sea, from the HTL to landward side in CRZ-II area. The total project cost is Rs.47.50 crores.

The District Coastal Zone Management Authority for CMDA areas has recommended the proposals with the following conditions:

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1. The Corporation of Chennai shall re-lay the existing marina loop road with white topping road (cement concrete) without any widening. The cycle tracks should be provided within the existing road width.
2. The foot-path/pedestrian walking and guard rails shall be provided only on the landward side of the existing road and the footpath/pedestrian walking and guard rails should not be provided on the seaward side of the existing road.
3. Proper facilities shall be provided to avoid water stagnation along the road side during rains.

3) As per CRZ Notification 2011, construction of road in CRZ-II is not a prohibited activity. Further vide para 5 (x) of CRZ Notification 2011, in accordance with the provisions of the Notification, the proposal requires clearance from the State Coastal Zone Management Authority.

The Authority may consider.

AGENDA ITEM NO.05 **Proposed construction and development of two new additional berths of each having 9 MTPA capacity inside the premises of M/s. Ennore Port Limited, Puzhuthivakkam village, Vallur post, Chennai proposed by M/s. Ennore Port Limited.**

M/S. Ennore Port Limited, Chennai has already developed two coal berths CB1 and CB2 and is under operation since from 2001, with the coal handling capacity of 16 MTPA in order to meet the coal requirement of thermal power plants of TNEB. Now the Ennore Port Limited has proposed to construct two more coal berths (CB3 and CB4) each of 9 MTPA capacity.

2) The areas of Coal Berths are CB3 - 336m X 150m & CB4 - 336 m X 184 m. The project area is under the direct control and within the limits and boundary of M/s. Ennore Port Limited. Project area co-ordinates are Latitude 13° 15' 40" N and Longitude 80°20' 15" E. M/s. Ennore Port Limited (EPL) has reported that the construction of two new coal berths would not involve any new land acquisition or resettlement / rehabilitation of population. The EPL has also proposed to provide top side facilities like gantry cranes, conveyor systems and stack yard through TANGEDCO and the coal stack yard will be developed adjacent to the existing coal/ iron ore stack yard and single closed conveyor directly connecting to the proposed one of the coal berth and the stack yard. It is proposed to dredge 0.3 million m³ in the land area and 2.1 million m³ in marine area for CB3 berth and 0.3 million m³ in the land area and 1.0 million m³ in the marine area for CB4 berth. It is proposed to use excavated soil from the inner dock basis i.e., the land based dredging for land reclamation outside Port Main gate along the Port access road between NCTPS Railway line, NCTPS road and East of Ennore Creek. Part of the remaining dredged material will be disposed in the reclaimed area near Port main gate and adjacent to the existing coal/iron ore stack yard which is located about 2.5 km away from the Port boundary. The dredged material left after the disposal of above mentioned methods, will be disposed of in the marine disposal area,

identified in Report for Phase II Development of Ennore Port, NIOT, 2004 which is located about 4 to 5 km away from Ennore Port in the perpendicular direction, into the sea. The proposed site is falling in inter tidal zone CRZ - I(B), CRZ-III and CRZ IV areas. The Project cost is Rs.542.20 crores.

3) As per CRZ Notification 2011, vide para 3 (i) (a) & 3 (iv) (b) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater as a measure for control of erosion based on EIA studies is permissible activity. Further, 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 activities ; However the proposal requires clearance from the Ministry of Environment and Forests, GoI vide para 4 (ii) (f) of CRZ Notification 2011.

4) The Authority may consider.

AGENDA ITEM NO.06 **Proposed reconstruction of shop building at South Raja Street, Thoothukudi proposed by Thiru M. Antony Arockia kishore, Thoothukudi.**

The District Collector/ Chairman, DCZMA, Thoothukkudi district has requested for clearance under CRZ Notification 2011 for re-construction of a shop in Door No. 120A, Ward No. 7, Block No. 5, Town Survey No. 223 at South Raja Street, Thoothukkudi proposed by Thiru M. Antony Arockia kishore, Thoothukkudi.

2) The site is falling in CRZ-II on the landward side of the existing road. The project area is 2403 sq.ft., and proposed to construct Ground floor of 1785 Sq.ft., and first floor of 1292 sq. ft. The total project cost is 24.47 lakhs. The Commissioner of Corporation of Thoothukkudi in his letter No. 2493/F5/2014 dated 28.03.2014 has certified that the above construction proposal satisfies the norms for the building rules and recommend for clearance. The Deputy Director of Town and Country Planning, Tirunelveli has also informed that the proposed construction satisfied the norms of Town Planning Act 1971. 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 (i) (ii) and (iii) reconstruction of buildings shall be permitted in CRZ-II areas.

4) The Authority may consider.

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

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

Sd/-
Thiru Hans Raj Verma., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government (/c).,
Environment & Forests Dept., Chennai - 9.

**MINUTES OF THE 80th MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY HELD ON 27.10.2014**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 79th meeting of the
Tamil Nadu State Coastal Zone Management Authority
held on 18.08.2014.**

The minutes of the 79th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 18.08.2014 communicated in Letter No.P1/141/2013 dated 20.08.2014 of the Director of Environment, was confirmed.

**AGENDA ITEM NO.02: Report on the follow up action taken in respect of
decisions taken during the 79th meeting of the
TNSCZMA.**

The Member Secretary, TNSCZMA briefed the members about the action taken by the Department of Environment on the decisions taken during the 79th meeting of the Tamil Nadu State Coastal Zone Management authority held on 18.08.2014.

AGENDA ITEM NO. 03: Construction of foreshore facilities for cooling water intake and outfall structures for Uppur Thermal Power Project (2 x 800 MW) at S.F. Nos. 146, 149 of Uppur village, and S.F.No. 101 & 103 of Valamavoor village, Thiruvadanai Taluk, Ramanathapuram district proposed by TANGEDCO, Chennai.

The Authority resolved to request the TANGEDCO to furnish the following additional details / documents for scrutiny.

- i) Shoreline evolution due to the littoral drift on either side of the project site, along the coast, should be furnished based on the LITPAC OF MIKE 21 modeling studies with reference to the construction of intake and outfall pipeline structures/ piers and jetty alignment.
- ii) A detailed report should be submitted based on modeling studies on the Turbulence caused at intake point due to drawl of water and at the outfall point due to discharge of coolant water along with a close and

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continuous monitoring plan on the turbidity levels. The modeling result should bring out resultant concentration of suspended matter at the bottom, intermediate and surface water in and around dispersal area.

- ii) A detailed report on the impacts of pier structures planned for 7 km in the sea, on the SEAGRASS and DUGONG habitats in and around the project areas and the mitigation measures to be taken on the adverse impacts, if any.
- iii) Structural drawing of foreshore facilities (in the beach) proposed to be constructed as a part of pipeline jetty
- iv) Details on structural stability of jetty and associated structures against high cyclonic winds to be included along with an Emergency Management plan in case structures get damaged due to high cyclonic winds.
- v) The quantum of fly ash generated along with a concrete proposal for the reuse / disposal of the same should be furnished. The TANGEDCO should also clarify as the type of coal proposed to be used and accordingly furnish the details based on the coal quality.
- vi) A concrete design for the ash pond along with the maintenance plan incorporating the safeguards, at the worst case scenarios during flooding, cyclones etc., shall be furnished.
- vii) A detailed plan on the handling of coal at the project site along with the impact of coal dust on the neighbouring villages and the mitigation measures to be taken on the adverse impacts shall be produced.
- viii) Air quality modeling shall indicate on the emission concentration at stack level.
- ix) Impact of chemicals (used for cleaning of membrane of RO plant.,) in the R.O. reject (brine) on the marine organisms shall be furnished.
- x) A detailed study report on the impact on Mangroves as the project site is very near to the Mangroves belt and the mitigation measures shall be furnished.

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- xi) A detailed report on the characteristics / quality of waste water, effluent details to be treated at ETP/STP and the characteristic of treated water used for greenery and other purposes along with the extend of land covered for greenery shall be furnished. The same applies to sludge generated in ETP/STP.
- xii) A correct picture on the level of increase in temperature at the outfall point from ambient level shall be furnished after removing all the contradictions, on this issue, in the report.
- xiii) Adequate rain water harvesting shall be planned and the rain water shall be used without mixing with sea water for treatment.

AGENDA ITEM NO.04 Proposed improvements to the Marina Loop Road by relaying with cement concrete road from the junction of Light House in Kamaraj Salai to the junction of Pattinapakkam proposed by Corporation of Chennai.

The Authority resolved to request the Corporation of Chennai to furnish the following additional details / documents for scrutiny.

- i) The exact activities for which clearance under CRZ Notification 2011 is sought for by the Corporation of Chennai shall be furnished
- ii) The Project report, Environmental Impact Assessment, Environmental Management Plan should be neatly prepared and submitted comprehensively with relevant maps, statements etc.,
- iii) As per the application the width of road is 15.50mts. The exact width and length of the present road available and the width and length of road to be relaid shall be furnished clearly.
- iv) The details about the extend of catchment area, quantity of stormwater likely to be generated and the drainage facilities proposed shall be furnished with relevant calculations.
- v) A study report on the Olive Ridley Turtle nesting in the project area from a renowned institution / NGO who is actively involved in Sea Turtle Conservation shall be furnished.

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- vi) As the Turtles are very sensitive to Lights the provision of street light fittings requires a close examination.
- vii) All the features of the project should be superimposed in the 1:4000 scale village cadastral HTL maps and to furnish the same for the scrutiny.
- viii) The fish vendors now use the either side of the road. The future plan for such people should be evolved.

AGENDA ITEM NO.05 **Proposed construction and development of two new additional berths of each having 9 MTPA capacity inside the premises of M/s. Ennore Port Limited, Puzhuthivakkam village, Vallur post, Chennai proposed by M/s. Ennore Port Limited.**

The Authority resolved to request the Ennore Port Limited to furnish the following additional details / documents for scrutiny.

- i) A detailed report should be furnished on shoreline changes due to the construction of two new additional berths and also dumping of dredging materials in the sea.
- ii) The details of composition and quality of dredging materials with reference to the quantum of dredging materials should be furnished. Further the disposal of dredging materials with reference to the dumping location and purpose shall be furnished.
- iii) The possible adverse impacts on the dumping of dredged material along the low line area of Buckingham Canal should be addressed properly as the dredged material will be loose and fine soil. In any case dredged material should not be dumped in the intertidal area of the Buckingham canal.
- iv) Details on impact of dispersal of dredge material on the adjacent L & T shipyard area especially the navigational channels of that shipyard need to be included in the report. If need be additional modeling studies should be undertaken.

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- v) The EIA/EMP with reference to the air quality should be furnished with reference to the nearest villages, habitations like Puzhuthivakkam, which is around one km from the project site.
- vi) It is noticed that the air quality PM_{10} level has already reached a higher level at Ennore Port with the present activities. Hence specific report should be furnished with reference to the PM_{10} level due to the addition of two berths for the import of coal with a detailed plan on handling of coal in the project area.
- vii) The noise levels indicated in the project report in the Port area are also high for the existing activities. The issue should be properly addressed in the EIA/EMP reports.
- viii) It is noticed that the Environment Social Welfare activities a sum of Rs.9.00 lakh per annum only allocated out of the project cost of Rs.500 crore. The allocation should be revised suitably.
- ix) The fresh water requirement and source for fresh water shall be furnished.

AGENDA ITEM NO.06

Proposed reconstruction of shop building at South Raja Street, Thoothukudi proposed by Thiru M. Antony Arockia kishore, Thoothukudi.

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

- a) Planning permission should be obtained for the proposed constructions from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations including FSI/FAR as on 19.02.1991.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

Sd/-xxx

Dr. H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA &

Sd/-xxx

Thiru Hans Raj Verma., I.A.S.,
Chairman, TNSCZMA and

Director, Dept. of Environment,
Chennai -15

Principal Secretary to Government.,
Environment & Forests Dept., Chennai - 9.