

## **84<sup>th</sup> MEETING**

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

**Date: 26.06.2015**

**Time: 02.00 P.M.**

**Venue:**

**Chamber of the Principal Secretary to  
Government,  
Environment and Forests Department.,  
7<sup>th</sup> floor, Secretariat,  
Chennai - 600 009**

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**THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -  
84<sup>th</sup> MEETING**

**Date & Time:**

**26.06.2015 - 02.00 P.M.**

**Venue: Chamber of the Principal Secretary to  
Government,  
Environment and Forests Department  
7<sup>th</sup> floor, Secretariat,  
Chennai- 600 009.**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 83<sup>rd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority  
held on 19.05.2015.**

The 83<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 19.05.2015 and the minutes were communicated in letter no. P1/1044/2015 dated 29.05.2015 (Copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 83<sup>rd</sup> MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY HELD ON 19.05.2015**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 82<sup>nd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority  
held on 27.11.2014.**

The minutes of the 82<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 17.12.2014 communicated in Letter No.P1/141/2013 dated 23.12.2014 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 82<sup>nd</sup> meeting of the  
TNSCZMA.**

As this is the first meeting after reconstitution, the Chairman and the Member Secretary have greeted the members. The Chairman focused the need for the critical scrutiny of the proposals and emphasized that the decisions of the Authority should aims for a fine balance between development and conservation. Its deliberations should take into account the development imperatives as well as the concerns of coastal management, conservation of resources, protection of ecology, social responsibilities etc.,

The Member Secretary briefed the members about the action taken by the Department of Environment on the decisions taken during the 82<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 23.12.2014.

**AGENDA ITEM NO.03**

**Construction of foreshore facilities viz., coal conveyor and cooling water intake and outfall pipelines, structures of the proposed North Chennai Thermal Power Project stage III (1 x 800 MW) at Ennore village, Ponneri Taluk, Thiruvallur district proposed by TANGEDCO., 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 fly ash generated should be disposed / reused by implementing a suitable concrete plan.
- b) Closed conveyor system, with latest technology, should be provided for coal handling. A proper Ambient Air Quality Monitoring plan shall be evolved in consultation with the Tamil Nadu Pollution Control Board in such a way to monitor air quality frequently as well as cumulative impact of air quality in that area taken into considering all stages of the project. If necessary, more number of monitoring stations shall be formed for monitoring the air quality.
- c) Shoreline evolution due to the littoral drift on either side of the project site, along the coast, should be monitored continuously based on the LITPAC OF MIKE 21 modeling studies with reference to the intake and outfall points of water and proper remedial action should be taken on the event of any adverse impacts.
- d) Turbulence caused at intake point due to drawl of water and at the outfall point due to discharge of coolant water should be under close and continuous monitoring especially on the turbidity levels so as to take mitigation measures on the event of adverse implications.
- e) Impact of chemicals (used for cleaning of membrane of RO plant) in the R.O. reject (brine) on the marine organisms shall be closely monitored so as to take remedial action on the event of any adverse impact.
- f) A feasibility study on the flora shall be prepared. Further a detailed action plan should be evolved to minimize the impact of project on mangroves available near the project site. Necessary conservation programme shall be implemented for preserving the existing mangroves and also to create fresh mangrove belt in consultation with Forest Department.
- g) The temperature of water at the outfall point should be maintained within the prescribed levels.
- h) The Project should not in any way affect the fishing activities and also should not hinder the livelihood of the Fishermen.

**AGENDA ITEM NO.04**

**Proposed re-construction of 712 tenements at S.No.2613/2, 2612/3, 2613/8, 2613/6 of Triplicane Village and Taluk, Chennai District under Ayodhyakuppam scheme proposed by the Tamil Nadu Slum Clearance Board, Chennai.**

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

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- b) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- c) Explore the possibilities of designing eco-friendly elevation.
- d) Premium FSI is not permissible.
- e) There should not be any ground water extraction in CRZ.
- f) Sewage should not be let off into the sea.
- g) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- h) Green belt development shall be implemented and site specific plants shall be identified for plantation.
- i) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- j) Sufficient budget allocations shall be provided for the proper maintenance of the project constructions and facilities especially for the maintenance of STPs, green belt and for solid waste management.

.05.

**AGENDA ITEM NO.05**

**Proposed re-construction of 536 at S.No. 7577 and 4600 of Mylapore Village, Mylapore Taluk, Chennai District under Nochikuppam scheme proposed by the Tamil Nadu Slum Clearance Board, Chennai.**

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

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- b) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- c) Explore the possibilities of designing eco-friendly elevation.
- d) Premium FSI is not permissible.
- e) There should not be any ground water extraction in CRZ.
- f) Sewage should not be let off into the sea.
- g) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- h) Green belt development shall be implemented and site specific plants shall be identified for plantation.
- i) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- j) Sufficient budget allocations shall be provided for the proper maintenance of the project constructions and facilities especially for the maintenance of STPs, green belt and for solid waste management

**AGENDA ITEM NO.06**

**Proposed Construction of 416 tenements in T.S. No. 3, Block No. 32, R.S. No. 619/1 of Ernavoor village, Tiruvottiyur tauk, Thiruvallur district proposed by the Tamil Nadu Slum Clearance Board, Chennai.**

The Authority resolved to request the Tamil Nadu Slum Clearance Board to furnish the following details/ documents for taking further action.

.06.

- a) As the threat of sea erosion is high along the coast adjacent to project area a profile on the aggressive sea erosion and the measures to mitigate the adverse impact shall be furnished.
- b) Green belt development shall be evolved with site specific plants for plantation and furnished.

**AGENDA ITEM NO:07**      **Proposed Construction of 36 MLD STP at Sholinganallur village, Tambaram Taluk, Kancheepuram district and to discharge treated sewage from STP into the Buckingham Canal proposed by CMWSSB.**

The Authority resolved to request the CMWSSB to furnish the following details/ documents for taking further action.

- a) As the secondary treatment of sewage water is not fit for reuse, CMWSSB may explore the possibilities of providing another alternative primary membrane treatment of sewage water with the adaptation of latest methods instead of chlorination and furnish the details for further action.
- b) A detailed report indicating the present water quality levels/ characters of the Buckingham canal, estimated water quality levels of proposed discharge and the estimated resultant water quality levels of the Buckingham canal after discharge, on various parameters, with reference to standard permissible limit shall be furnished.
- c) A plan for the continuance long term monitoring of quality/ characters of the treated water shall be furnished.
- d) CMWSSB shall explore the possibilities of using the treated sewage for further beneficial use by the nearby industries or to utilize the treated sewage for development of park in and around the site in consultation with the Corporation of Chennai and furnish the details on the proposed reuse of water.
- e) The CMWSSB shall design the STP in comparing with the performance of any one of the similar STP in the State and furnish the report.



**AGENDA ITEM NO:08**      **Proposed Construction of 31 MLD STP at Sathangadu village, Thiruvottiyur and to discharge treated sewage from STP into the Buckingham Canal.**

The Authority resolved to request the CMWSSB to furnish the following details/ documents for taking further action.

- a) As the secondary treatment of sewage water is not fit for reuse, CMWSSB may explore the possibilities of providing primary membrane treatment of sewage water with the adaptation of latest methods instead of chlorination and furnish the details for further action.
- b) A detailed report indicating the present water quality levels/ characters of the Buckingham canal, estimated water quality levels of proposed discharge and the estimated resultant water quality levels of the Buckingham canal after discharge, on various parameters, with reference to standard permissible limit shall be furnished.
- c) A plan for the continuance long term monitoring of quality/ characters of the treated water shall be furnished.
- d) CMWSSB shall explore the possibilities of using the treated sewage for further beneficial use by the nearby industries or to utilize the treated sewage for development of park in and around the site in consultation with the Corporation of Chennai and furnish the details on the proposed reuse of water.
- e) The CMWSSB shall design the STP in comparing with the performance of any one of the similar STP in the State and furnish the details.

**AGENDA ITEM NO.09**      **Construction of groyne at Veerapandiayn Pattinam Village, Tiruchendur Taluk, Thoothukudi district proposed by PWD/WRO., Korampallam Aru Basin Division, Thoothukudi.**

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

.08.

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- e) The design of groynes indicates that they are for multi-purpose, ie., to protect beach as well as to create moderate tranquility of sea to provide safety to small fishing boats that are beached. The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- f) Suitable management procedures for long-term maintenance of groynes should be evolved for which the PWD should form a separate, permanent wing and the periodical evolution of coastal areas to mitigate the adverse impact may also be entrusted to the said wing.
- g) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tutcorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- h) 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.

**AGENDA ITEM NO.10**      **Construction of groyne at Keelavaippar Village, Vilathikulam Taluk, Thoothukudi district proposed by PWD/WRO., Special Project Division, Virudhunagar Division, Thoothukudi.**

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

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- e) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities
- f) Suitable management procedures for long-term maintenance of groynes should be evolved for which the PWD should form a separate, permanent wing and the periodical evolution of coastal areas to mitigate the adverse impact may also be entrusted to the said unit.
- g) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tuticorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- h) 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.

**AGENDA ITEM NO.11**      **Construction of groyne at Vembar Village, Vilathikulam Taluk, Thoothukudi district proposed by PWD/WRO., Special Project Division, Virudhunagar Division, Thoothukudi.**

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

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- e) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- f) Suitable management procedures for long-term maintenance of groynes should be evolved for which the PWD should form a separate, permanent wing and the periodical evolution of coastal areas to mitigate the adverse impact may also be entrusted to the said wing.
- g) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tuticorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.
- h) 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.

**AGENDA ITEM NO.12**      **Construction of groyne at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi district proposed by PWD/WRO., Korampallam Aru Basin Division, Thoothukudi.**

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

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- e) The design of groynes indicates that they are for multi-purpose, ie., to protect beach as well as to create moderate tranquility of sea to provide safety to small fishing boats that are beached. The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities.
- f) Suitable management procedures for long-term maintenance of groynes should be evolved for which the PWD should form a separate, permanent wing and the periodical evolution of coastal areas to mitigate the adverse impact may also be entrusted to the above wing.
- g) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tuticorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.

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- h) 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.

**AGENDA ITEM NO:13**

**Proposed shore protection works for the coast of North Chennai from Ennore to Ernavur Kuppam proposed by Public Works Department.**

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

- a) Shoreline evolution should be monitored periodically. Remedial measures need to be planned to prevent further erosion, if any, on the adjacent coastal areas.
- b) The activity should not have any adverse impact on the marine organisms.
- c) No road shall be formed in CRZ.
- d) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- e) The proposed activity shall not cause hindrance to the nearby human settlements/ authorised structures and fishing activities
- f) Suitable management procedures for long-term maintenance of groynes should be evolved for which the PWD should form a separate, permanent wing and the periodical evolution of coastal areas to mitigate the adverse impact may also be entrusted to the above wing.
- g) A system shall be evolved for a close and continuous monitoring during the construction and post construction phases through reputed institutions such as National Center for Sustainable Coastal Management (NCSCM), Anna University, Chennai/SDMRI, Tuticorin/ IIT Chennai. Periodical report shall be furnished by the PWD to Department of Environment on the site conditions every year so as to take mitigation suggestive measures on the event of any adverse impacts on the coast.

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- h) 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 PWD should arrange for a presentation by Institute of Hydraulics and Hydrology (IHH), Poondi on the features of projects executed by them in the past with the achievement and present stage of the said projects.

**AGENDA ITEM NO.14**      **Proposed Construction of High Level Bridge from East Coast Road to Indian Maritime University site across the Buckingham Cana at Uthandi, Tambaram Taluk, Kanceepuram district proposed by Indian Maritime University**

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

- a) The stilts or pillars should be erected without affecting the hydraulic flow of water.
- b) Necessary approval from the Indian Waterways Authority specifically with reference to the design, height, soffit level etc. of the bridge.
- c) In the construction operation, due to the use of machineries, heavy noise will be generated. The Specific plan of the noise prevention and control measures should be furnished.
- d) Green belt along the approach roads to the bridge should be formed.
- e) There shall be no extraction of ground water.
- f) No liquid or solid waste shall be generated and disposed off in CRZ.
- g) No blasting activities in CRZ are permissible.
- h) Proper arrangements should be made for the disposal of solid wastes generated in the project area then and there.

**AGENDA ITEM NO.15**

**Construction of New Petroleum Storage Terminal with installations for storing and transportation of Petroleum Products at S.No. 1556 B of Vallur village and S.No. 354/1 of Athipattu Village, Ponneri taluk, Thiruvallur district by Bharat petroleum Corporation Ltd., Chennai.**

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

- a) The construction of storage tanks shall satisfy the prescribed standard norms.  
The storage tanks should be used only for the storage of petroleum products as proposed and change of storage products should require fresh clearance.
- b) 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.
- c) Additional activity, if any, should be carried out in the above site, only with the prior approval of the TNSCZMA.
- d) There should not be any civil structures in the CRZ-I areas. The compound wall should not be constructed in the water body, mud flats and CRZ-I areas.
- e) A comprehensive risk analysis report along with the disaster management plan should be furnished. The said report should include the risk contour and consequences by suitable accepted modeling.
- f) Proper awareness should be created among the public who are residing within the buffer zone.
- g) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly and a plan in this regard should be submitted to the Authority.
- h) There should not be any extraction of ground water in CRZ.
- i) The project activity should not affect the coastal ecosystem including marine flora and fauna. As the project area is located near to ecology sensitive features, the activities under Corporate Social Responsibility should be refined and addressed more effectively and the allocation should be given more for preserving ecology. The revised report should be furnished.



**AGENDA ITEM NO.16**

**Proposed Construction of "beach resort' at Kadalur village, Cheyyur Taluk, Kancheepuram district proposed by M/s. Dual Structural and Industries Pvt. Ltd., Chennai**

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

- a) Site elevation contour maps of project site and adjacent areas should be furnished.
- b) A report shall be furnished from a competent institution on the presence of sand dunes in the project site, with a historical ten year data base.
- c) A report shall be furnished from a competent agency on the presence of habitats in and around the project site and also with reference to Red Olive Turtle nesting in that area.

**AGENDA ITEM NO.17**

**Proposed constructions of residential apartments at S.NOs. 4288/12 & 107, Block No.94 of Mylapore Division, Triplicane Taluk, Chennai district proposed by M/s. CEEBROS Hotels Private Limited, Chennai.**

The Authority resolved to approve the proposal subject to the publication of proviso indicated in the draft notification S.O. 937 (E) dated 31<sup>st</sup> March 2015 in Gazette and also subject to the following specific conditions.

- a) The proposed constructions should satisfy the FSI/ FAR norms as per the Town and Country Planning regulations as on 19.02.1991 and Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- b) Environmental Clearance shall be obtained under EIA Notification 2006 from the competent Authority.
- c) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.

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- d) The structural engineering of the proposed constructions shall be designed to withstand in the event of earth quakes.
- e) Premium FSI is not permissible.
- f) There should not be any ground water extraction in CRZ.
- g) Solid Waste Management Plan should be formulated and to be implemented without depending wholly on Corporation of Chennai for this purpose.
- h) Green belt development shall be implemented and site specific plants shall be identified for plantation. The activities under Corporate Social Responsibility shall be carried out in association with the Chennai River Restoration Trust (CRRT).
- i) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- j) The new concept for creating terrace gardens may be explored to facilitate migrating birds, as the project area is on the bank of Adyar creek.

**AGENDA ITEM NO.18**

**Proposed reconstruction of residential building at S.No. 142/3, Colachel village, Kalkulam Taluk, Kanyakumari district proposed by Thiru Ugin, Kandarvilagam, Kanyakumari district.**

The Authority resolved to approve 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. 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.19:** Proposed sub-division of land falling in S.No. 92/243A1A, 92/273 of Neelankarai village, Kancheepuram district proposed by Thiru A R. Madanagopal, Chennai.

The Authority resolved to request the applicant to make a power point presentation to the Members of the Authority, in respect of their proposed sub-division and the impacts of the proposal with reference to the adjacent sea and layout surroundings for consideration.

**AGENDA ITEM NO.20** Proposed sub-division of land falling in S.No. 225/6A.,6B, 6C, 6D, 225/5B, 5C, 5D, 5E of Kottivakkam village Corporation of Chennai Division No. 18 (Zone 14) proposed by Thiru Allu Aravind Babu, Chennai.

Project proponent not present. To be taken up in next meeting.

**AGENDA ITEM NO.21** Proposed layout of land falling in T.S.No. 8, 11/2 part Block No. 14 of Adyar Village, Mambalam - Guindy Taluk, Chennai district proposed by M/s. Baashyaam Construction Private Limited, Chennai.

The Authority resolved to request the applicant to make a power point presentation to the Members of the Authority, in respect of their proposed layout and the impacts of the proposal with reference to the adjacent Adyar river for consideration.

**AGENDA ITEM NO.22** 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 Authority resolved to extend the Clearance issued under CRZ Notification 2011, for two more years, subject to the conditions already imposed at the time of issue of the original environmental clearance in proceedings dated 09.06.2004.

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

Sd.- xxxxx  
Thiru Hans Raj Verma., 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 83<sup>rd</sup> meeting of the Authority held on 19.05.2015 are given below:

SI. No	Description of proposals	Action taken
01	Construction of foreshore for the proposed North Chennai Thermal Power Project stage III (1 x 800 MW) at Ennore village, Ponneri Taluk, Thiruvallur district proposed by TANGEDCO., Chennai.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. RoC. No. P1/013/2015 dated 01.06.2015 for taking further action.
02	Proposed re-construction of 712 tenements at Triplicane Village, Chennai District under Ayodhyakuppam scheme proposed by TN Slum Clearance Board, Chennai.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2571/2014 dated 02.06.2015.
03	Proposed re-construction of 536 at S.No. 7577 and 4600 of Mylapore Village, Chennai District under Nochikuppam scheme proposed by the TN Slum Clearance Board, Chennai	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2572/2014 dated 02.06.2015.
04	Proposed Construction of 416 tenements at Ernavoor village, Tiruvottiyur tauk, Thiruvallur district proposed by the Tamil Nadu Slum Clearance Board, Chennai.	As resolved further details have been sought for from the TNSCB in Roc.No. P1/2580/2014 dated 02.06.2015 and the details are awaited.
05	Proposed Construction of 36 MLD STP at Sholinganallur village, Tambaram Taluk, Kancheepuram district and to discharge treated sewage from STP into the Buckingham Canal proposed by CMWSSB.	As resolved further details have been sought for from the CMWSSB in Roc.No. P1/2510/2014 dated 29.05.2015 and the details are awaited.
06	Proposed Construction of 31 MLD STP at Sathangadu village, Thiruvottiyur and to discharge treated sewage from	As resolved further details have been sought for from the CMWSSB in Roc.No. P1/2584/2014 dated

	STP into the Buckingham Canal proposed by CMWSSSB.	29.05.2015 and the details are awaited.
<b>07</b>	Construction of groynes at Veerapandiayn Pattinam Village, Tiruchendur Taluk, Thoothukudi district proposed by PWD/WRO., Korampallam Aru Basin Division, Thoothukudi	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2030/2014 dated 01.06.2015.

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<b>08</b>	Construction of groyne at Keelavaippar Village, Vilathikulam Taluk, Thoothukudi district proposed by PWD/WRO., Special Project Division, Virudhunagar Division, Thoothukudi	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2031/2014 dated 01.06.2015.
<b>09</b>	Construction of groyne at Vembar Village, Vilathikulam Taluk, Thoothukudi district proposed by PWD/WRO., Special Project Division, Virudhunagar Division, Thoothukudi	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2032/2014 dated 01.06.2015.
<b>10</b>	Construction of groyne at Kallamozhi Village, Tiruchendur Taluk, Thoothukudi district proposed by PWD/WRO., Korampallam Aru Basin Division, Thoothukudi	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2035/2014 dated 01.06.2015.
<b>11</b>	Proposed shore protection works for the coast of North Chennai from Ennore to Ernavur Kuppam proposed by Public Works Department	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/543/2015 dated 01.06.2015.
<b>12</b>	Proposed Construction of High Level Bridge from East Coast Road to Indian Maritime University site across the Buckingham Cana at Uthandi, Tambaram Taluk, Kanceepuram	As resolved further details have been sought for from the Indian Maritime University in Roc.No. P1/2562/2014 dated 01.06.2015 and the details are awaited.

	district proposed by Indian Maritime University.	
<b>13</b>	Construction of New Petroleum Storage Terminal with installations for storing and transportation of Petroleum Products at Ashipattu Village, Ponneri taluk, Thiruvallur district by Bharat petroleum Corporation Ltd., Chennai.	As resolved further details have been sought for from the BPCL in Roc.No. P1/525/2015 dated 01.06.2015 and the details are awaited.
<b>14</b>	Proposed Construction of 'beach resort' at Kadalur village, Cheyyur Taluk, Kancheepuram district proposed by M/s. Dual Structural and Industries Pvt. Ltd., Chennai	As resolved further details have been sought for from M/s. Dual Structural and Industries Pvt., Ltd., in Roc.No. P1/766/2015 dated 01.06.2015 and the details are awaited.

<b>15</b>	Proposed constructions of residential apartments at S.NOs. 4288/12 & 107, Block No.94 of Mylapore Division, Triplicane Taluk, Chennai district proposed by M/s. CEEBROS Hotels Private Limited, Chennai.	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/839/2015 dated 29.05.2015.
<b>16</b>	Proposed reconstruction of residential building at S.No. 142/3, Colachel village, Kalkulam Taluk, Kanyakumari district proposed by Thiru Ugin, Kandarovilagam, Kanyakumari district	As resolved Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/063/2015 dated 01.06.2015.
<b>17</b>	Proposed sub-division of land falling in S.No. 92/243A1A, 92/273 of Neelankarai village, Kancheepuram district proposed by Thiru A R. Madanagopal, Chennai.	As resolved the applicant has been requested to make a power point presentation to the Members of the Tamil Nadu State Coastal Zone Management Authority in Ir. No. P1/2469/2014 dated 02.06.2015
<b>18</b>	Proposed sub-division of land falling in S.No. 225/6A, 6B, 6C, 6D, 225/5B, 5C, 5D, 5E of Kottivakkam village Corporation of Chennai Division No. 183, Zone 14 proposed by Thiru Allu Aravind Babu, Chennai.	The proposal was deferred as the applicant has not turned up for presentation.
<b>19</b>	Proposed layout of land falling in T.S.No. 8, 11/2 part Block No. 14 of Adyar Village, Mambalam - Guindy Taluk, Chennai district proposed by M/s. Baashyaam Construction Private Limited, Chennai.	As resolved the applicant has been requested to make a power point presentation to the Members of the Tamil Nadu State Coastal Zone Management Authority in Ir. No. P1/1058/2015 dated 02.06.2015
<b>20</b>	Extension of time for the Clearance already issued to the Director, Sacred Heart Marine Research	As resolved Clearance under CRZ Notification 2011 has been issued for the continuance of research activities

	Centre, Thoothukkudi for the temporary research laboratory at Beach road, Karapad, Thoothukkudi	for two years in Proc. No. P1/818/2015 dated 02.06.2015.
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**AGENDA ITEM NO.03    Power point presentation on the activities of National Centre for Sustainable Coastal Management (NCSCM), Chennai.**

As the National Centre for Sustainable Coastal Management is carrying out several activities on the coastal areas of India, the NCSCM has been requested specifically to make a power point presentation on their activities along the coast of Tamil Nadu to the Members of the Authority for information and to make use of their reports/ documents by TNSCZMA.

**AGENDA ITEM NO.04    Power point presentation on the activities of National Institute of Ocean Technology (NIOT), Chennai.**

As the National Institute of Ocean Technology (NIOT), Pallikaranai for Sustainable Coastal Management is carrying out several activities on the coastal areas, the NIOT has been requested specifically to make a power point presentation on their activities along the coast of Tamil Nadu to the Members of the Authority for information and to make use of their reports/ documents by TNSCZMA.

**AGENDA ITEM NO.05    Any other issues with the permission of the Chair.**

SD/- xxxx

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

SD/- xxxx

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

**MINUTES OF THE 84<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY HELD ON 26.06.2015**

**AGENDA ITEM NO.01: Confirmation of the Minutes of the 83<sup>rd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority  
held on 19.05.2015.**

The minutes of the 83<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.05.2015 communicated in Letter No.P1/1044/2015 dated 29.05.2015 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 83<sup>rd</sup> meeting of the  
TNSCZMA.**

The Member Secretary briefed the members about the action taken by the Department of Environment on the decisions taken during the 83<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 19.05.2015.

**AGENDA ITEM NO.03 Power point presentation on the activities of National  
Centre for Sustainable Coastal Management (NCSCM),  
Chennai.**

Chairman explained the rationale for having presentations by the technical agencies to the members. The idea is to have a big picture view of the fragile coastal ecosystem of Tamil Nadu and within this big picture framework, plan for a balanced approach for development and conservation.

The National Centre for Sustainable Coastal Management represented by Dr. P. Krishnan, Scientist-E, made a power point presentation and explained the activities taken up along the coast of Tamil Nadu to the Members of the Authority. He highlighted some of the pioneering efforts of the centre pertaining to sediment studies as well as data lacuna in biodiversity, especially on nesting sites of birds that inhabit coasts and the sea. Dr. Krishnan also highlighted the partnerships that are in existence across the coastal states of India with institutions that have proven experience in coastal management.

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During the deliberations, the Chairman, TNSCZMA requested the NCSCM to share the data available with them to the stakeholders especially to the Department of Environment/ TNSCZMA which will be helpful to have a clear and holistic view on the coast and its carrying capacity, sediment cells, wave patterns, flora and fauna, areas of concerns etc., Further the Chairman viewed that this data will be useful to predict where we stand and what could be done, which in turn will be helpful for drafting the policy, provide technical inputs in planning and safeguarding the interests of State and also provide special focus on the areas of concern along the fragile coastal ecosystem of Tamil Nadu. Further, the Chairman emphasized that this data base should reveal a clear picture on potential sites for development and serve as a dynamic platform for implementing agencies.

The NCSCM informed that they have completed the HTL mapping of Tamil Nadu coast along with the Eco-sensitive areas and the maps are under the final quality check. The NCSCM has agreed to show the said maps to the Members of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA), in a couple of weeks time and has also agreed to make necessary corrections / modifications / alterations, before finalization of the said maps, based on the views/ suggestions of the Members of TNSCZMA.

**AGENDA ITEM NO.04    Power point presentation on the activities of National Institute of Ocean Technology (NIOT), Chennai.**

The National Institute of Ocean Technology (NIOT), Pallikaranai, represented by Dr. K.M. Sivakolundu, Project Director & Scientist-G made a power point presentation and explained the activities taken up along the coast of Tamil Nadu to the members of the Authority.

During the presentation the NIOT has shared their field experiences on the projects that they have implemented in Tamil Nadu. The presentation focused mainly on the scenario during the inception and current status, especially, on the construction of groynes, training walls, Ports and harbors. Emphasis was made on the need to rely on real time data that is collected meticulously. Issues pertaining to the management of

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geo tubes and other peripheral structures in protecting fragile coastal areas especially around the southern districts of Tuticorin and Ramanathapuram were highlighted. Special mention was made on the issue of beach erosion and accretion due to projects that are ill fitted in their design and scope. The presentation also demonstrated the need to supplement GIS based analysis with field studies.

Following the presentation of the two premier institutions, the members highlighted the need to work in unison, especially on matters of common interest and also suggest means by which data pooling the sharing between premier institutions and the State Department of environment could be enabled.

During the deliberations, the Members insisted that an audit on the compliance of conditions imposed in the Environmental Clearances on the projects should be carried out not only for finding errors but also to glean inferences for policy framework for similar projects in the future, based on the success of the said projects. The Chairman agreed on the views and opined that these audits may be made mandatory for the major projects such as, L&T Port, Kattuppalli, Kamaraj Port and Chennai Port Trust which will really serve the process of protecting the fragile Coromandel Coast.

Accordingly, the Authority resolved to request all the three agencies listed above, to participate in the subsequent deliberations and discuss the original and present status of their projects along the Coromandel Coast especially in the context of impacts on eco-system and the biodiversity in and around the project area, fishing and livelihood of fishermen etc.,

Sd./- xxxx

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

Sd./- xxxx

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