

# 105<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 21.05.2019

Time: 04.00 PM.

Venue:

Conference Hall, 2<sup>nd</sup> floor,  
Namakkal Kavinger Maligai,  
Secretariat, Chennai - 600 009

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

**105<sup>th</sup> MEETING**

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**Conference Hall, 2<sup>nd</sup> floor,  
Namakkal Kavinger Maligai,  
Secretariat, Chennai - 600 009**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 104<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.02.2019.**

The 104<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 27.02.2019 and the minutes were communicated in letter No. P1/2200/2018 dated 08.03.2019 (copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 104th MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 27.02.2019**

**AGENDA ITEM NO.01:** Confirmation of the minutes of the 103<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 03.01.2019.

The minutes of the 103<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 03.01.2019, communicated, to the Members of the Authority, in Letter No.P1/2200/2018 dated 10.01.2019 of the Director of Environment was confirmed.

**AGENDA ITEM NO.02:** The action taken on the decisions of 103<sup>rd</sup> meeting of the Authority held on 03.01.2019.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 103<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 03.01.2019. The Authority noted the action taken.

The Authority resolved to issue Clearance under CRZ Notification 2019, for the Mahabalipuram Beach Resort Hotel Project at Madura Devaneri village, Mamallapuram, Thirukazhukundram Taluk, Kancheepuram District, Tamil Nadu proposed by M/s Chandrakala Resort Hotel Limited, Chennai subject to the conditions stipulated in the 103<sup>rd</sup> meeting of the Authority held on 03.01.2019.

The Authority requested the Member Secretary, TNSCZMA that the ToR in respect of the Comprehensive study on the impact of the presence of several hotels, beach resorts and other recreational/tourism activities, on the coastal and marine ecosystem between Chennai and Mamallapuram shall be finalized in consultation with the expert Members of the Authority.

**AGENDA ITEM No.03**

Four / Six/ Eight laning of Mamallapuram to Mugaiyur Section of NH-332A from KM. 0.000 to KM 31.000 under Bharathmala Pariyojana, Phase-I (Package-I) in Kancheepuram Dist.by National Highways Authority of India and

**AGENDA ITEM No.04**

Four / Six/ Eight laning of Mugaiyur to Marakkanam Section of NH-332A from KM 31.000 to KM. 62.000 under Bharathmala Pariyojana, Phase-I, Package II, in Villupuram & Kancheepuram Dist. by National Highways Authority of India

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

- a) The Mangrove species in the proposed area has to be assessed by the Project Consultant in the presence of Forests, Fisheries and NHAI officials. The trees of native species, littoral species should be planted.
- b) The project proponent shall furnish the co-ordinates of the alternative location proposed for Mangrove afforestation.
- c) The project proponent shall obtain hydraulic discharge details of the creek and drainage canals from PWD, WRO before designing the major bridge / minor bridge and re-designing the existing bridges / culverts so as to enable free flow of water in the creek and drainage canals.
- d) All the existing and proposed pipe culverts shall be converted into box culverts to avoid flooding on the road sides. Box culverts shall be provided wherever required on real time basis if required more than the norms of NHAI (Two culverts per km). The maximum flood level is to be obtained from the concerned Government agencies and if not available, the same should be assessed with latest techniques and the Culverts shall be constructed accordingly.
- e) The Bridges should not affect the High Tide and Low Tide hydraulic flow of water. The quantity of discharge of water with reference to the Bridge should taken into consider for the designing of the bridges. To ensure the free flow of water, the big bridges shall be designed on the concept of "Road on Stilts".

.04.

- f) The Pier cap should be below the bed level.
- g) Proper permission has to be obtained from Forest Department and Revenue Department to cut the trees on the proposed project alignment areas.
- h) The debris and other waste material should be properly handled and disposed during the time of construction without hindering the movement of water and aquatic life in estuary and other channels.
- i) No drawal of ground water shall be abstracted and the surface water shall be ensured, with the prior approval of PWD.
- j) The bridge construction work in the creek must be carried out in designated manner without contaminating the creek water.
- k) Necessary NOC/Clearances shall be obtained from the PWD/ Revenue / Salt Department, if the alignment is falling on their land.
- l) The CER component of 0.5% shall be paid to the Environment Management Agency of Tamil Nadu (EMAT) so as to take eco-restoration activities.
- m) The construction and demolition handling rules shall be adhered.
- n) The Project Proponent shall make an extensive study on the impact of the project to the nearby Kazhuveli Wetland, adjacent to the project site and ensure that there will be no adverse impact.
- o) The quality of work should be ensured and necessary facilities shall be provided to inspect the project area by a Committee, comprising the Members of the TNSCZMA, TNPCB and the officers of the Department of Environment, during the construction phase.
- p) The Project Proponent should ensure that the Maintenance Contract executed with the contractor should include the maintenance of aesthetic beauty of the road, survival of the trees, safety of the road, preventing encroachment etc., The possibilities of a third party assessment shall be explored, on the maintenance of the road, as per the contract agreement.

.05.

- q) Suitable measures shall be evolved to control the pollution and noise levels, during the construction and post-construction phases and ensure the installation of online monitoring system.
- r) Ensure that the R & R (Rehabilitation & Resettlement) activities are as per norms.

**AGENDA ITEM NO.05. Development of Rail Corridor at Marine Infrastructure Developer Pvt., Ltd., Port (Kattupalli Port) (MIDPL) at Kattupalli Village, Ponneri Taluk, Tiruvallur District, Tamil Nadu proposed by M/s. MIDPL.**

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

- a) the MIDPL shall obtain necessary NOC from the respective units and wherever the gas and oil pipelines to be crossed across this rail corridor project.
- b) that necessary clearances from the TIDCO, Kamarajar Port Limited, L&T ship building, TNRDC etc., shall be obtained.
- c) that necessary NoC from the PWD for the construction of pillars to be provided in the Buckingham Canal and Kossathalaiyar rivers.
- d) that necessary right of way will be maintained between the corridor route and the Buckingham Canal along the entire route.
- e) that the ownership of the project area should be executed before the commencement of the project by way of legal documents such as lease agreement/ sale deed/ contract agreement etc.,
- f) The restoration works of Mangroves in the Ennore Creek may be entrusted to Forest Department.
- g) The constructions of the project should not affect the free flow of water in the river, backwater available at the project area, for which the proposed bridges for the railway track and the road in the CRZ IB and CRZ IV B should be designed in conformity with the provisions of vide para 5.1.2 and 5.4 of CRZ Notification 2019.

.06.

- h) The stability of the steel girder bridge over Buckingham canal for crossing proposed rail corridor shall be ensured and the construction should be based on the latest, acceptable standards.
- i) The debris and other waste material should be properly handled and disposed during the time of construction without hindering the movement of water and aquatic life at the project area and also should not affect the fishing activities.
- j) The quality of work should be ensured and necessary facilities shall be provided to inspect the project area by a Committee, comprising the Members of the TNSCZMA, TNPCB and the officers of the Department of Environment, during the construction phase.
- k) The Project Proponent should ensure that the Maintenance Contract executed with the contractor should include the maintenance of aesthetic beauty of the road, survival of the trees, safety of the road, preventing encroachment etc., The possibilities of a third party assessment shall be explored, on the maintenance of the road/ railway corridor, as per the contract agreement.
- l) Suitable measures shall be evolved to control the pollution and noise levels, during the construction and post-construction phases and ensure the installation of online monitoring system.

**AGENDA ITEM No.06      Construction of 1200 slum tenements at T.S.No.1/1 and 3/1, Kargil Nagar, Thiruvottiyur Village, Tiruvallur District under Pradan Mandri Awas Yojana (Housing for all Scheme) by Tamil Nadu Slum Clearance Board**

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

- a) The FSI to be implemented for the project shall not exceed the FSI exist as on 18.01.2019.
- b) The unit shall obtain necessary planning permission from CMDA for the proposed construction of the project.
- c) The Unit shall obtain Environment Clearance under EIA Notification, 2006 for the construction project as the proposed built up area exceeds 20,000 sq.mts.



.07.

- d) No groundwater from Coastal Regulation Zone area shall be extracted for the construction project.
- e) The unit shall provide adequate rainwater harvesting facility to collect the roof water during monsoon.
- f) The unit shall provide STP of adequate capacity with UF and UV disinfection components for the treatment and disposal of domestic sewage and proposed. The Project Proponent should ensure budget allocations for the maintenance of the facilities and stipulated responsibilities to the executors.
- g) The Unit shall not let out the domestic sewage untreated into the Buckingham Canal / CRZ areas / water bodies.
- h) The Unit shall obtain in principle approval from CMWSSB for the supply of freshwater and discharge of untreated sewage into the sewer line before commissioning of the project.
- i) The Unit shall ensure segregation of waste at source; facilitate collection of segregated waste and handover recyclable material either to authorized waste pickers (or) authorized recyclers.
- j) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.
- k) The unit shall make marking of No Development Zone area at the site before taken up the construction activity.
- l) The unit should not construct any additional constructions without the prior clearance from the Competent Authorities in CRZ or Non-CRZ areas.

**AGENDA ITEM No.07**

**Construction of tenements at Foreshore Estate in R.S.No.7581, 7582, Block No.48 & 49 of Mylapore Village, Triplicane Taluk, Chennai district by Tamil Nadu Slum Clearance Board**

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

- a) The FSI to be implemented for the project shall not exceed the FSI exist as on 18.01.2019.

.08.

- b) The unit shall obtain necessary planning permission from CMDA for the proposed construction of the project.
- c) The Unit shall obtain Environment Clearance under EIA Notification, 2006 for the construction project as the proposed built up area exceeds 20,000 sq.mts.
- d) No groundwater from Coastal Regulation Zone area shall be extracted for the construction project.
- e) The unit shall provide adequate rainwater harvesting facility to collect the roof water during monsoon.
- f) The unit shall provide STP of adequate capacity with UF and UV disinfection components for the treatment and disposal of domestic sewage and proposed. The Project Proponent should ensure budget allocations for the maintenance of the facilities and stipulated responsibilities to the executors.
- g) The Unit shall not let out the domestic sewage untreated into the Buckingham Canal / CRZ areas/ water-bodies.
- h) The Unit shall obtain in principle approval from CMWSSB for the supply of freshwater and discharge of untreated sewage into the sewer line before commissioning of the project.
- i) The Unit shall ensure segregation of waste at source, facilitate collection of segregated waste and handover recyclable material either to authorized waster pickers (or) authorized recyclers.
- j) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.
- k) The unit shall make marking of No Development Zone area at the site before taken up the construction activity.
- l) The unit should not construct any additional constructions without the prior clearance from the Competent Authorities in CRZ or Non-CRZ areas.

**AGENDA ITEM No.08**

**Development of Mall at R.S.Nos. 169/1B, 170/2A, 170/2B and 173 Pt of Thiruvottiyur, Chennai District by M/s. Alwarpet Properties Pvt. Ltd., Chennai.**

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

- a) The FSI to be implemented for the project shall not exceed the FSI exist as on 18.01.2019 and the maximum possibilities of green building concepts shall be ensured. Further the disaster risk aspects should be considered in designing the constructions.
- b) Soil test should be conducted before the constructions through TNPCB and structural designs should be stipulated accordingly.
- c) The unit shall obtain necessary planning permission from CMDA for the proposed construction of the project.
- d) The Unit shall obtain Environment Clearance under EIA Notification, 2006 for the construction project as the proposed built up area exceeds 20,000 sq.mts.
- e) No groundwater from Coastal Regulation Zone area shall be extracted for the construction project.
- f) The unit shall provide adequate rainwater harvesting facility to collect the roof water during monsoon.
- g) The unit shall provide STP of adequate capacity with UF and UV disinfection components for the treatment and disposal of domestic sewage and proposed. The Project Proponent should ensure budget allocations for the maintenance of the facilities and stipulated responsibilities to the executors.
- h) The Unit shall not let out the domestic sewage either treated (or) untreated into the Buckingham Canal / water-bodies / CRZ areas.
- i) the Unit shall obtain in principle approval from CMWSSB for the supply of freshwater.
- j) The Unit shall ensure segregation of waste at source, facilitate collection of segregated waste and handover recyclable material either to authorized waster pickers (or) authorized recyclers.

- k) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.
- l) The unit should not construct any additional constructions without the prior clearance from the Competent Authorities in CRZ areas.

**AGENDA ITEM No.09**

**Development of Residential Project at R.S.No. 4061 pt., Old S.Nos. 3761, 3762 & 3763 of Tondiarpet Village, Tondiarpet Taluk, Chennai District by M/s. Voora Property Developers Private Limited, Chennai.**

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

- a) The FSI to be implemented for the project shall not exceed the FSI exist as on 18.01.2019 and the maximum possibilities of green building concepts shall be ensured. Further the disaster risk aspects should be considered in designing the constructions.
- b) Soil test should be conducted before the constructions through TNPCB and structural designs should be stipulated accordingly.
- c) The unit shall obtain necessary planning permission from CMDA for the proposed construction of the project.
- d) The Unit shall obtain Environment Clearance under EIA Notification, 2006 for the construction project as the proposed built up area exceeds 20,000 sq.mts.
- e) No groundwater from Coastal Regulation Zone area shall be extracted for the construction project.
- f) The unit shall provide adequate rainwater harvesting facility to collect the roof water during monsoon.
- g) The unit shall provide STP of adequate capacity with UF and UV disinfection components for the treatment and disposal of domestic sewage and proposed. The Project Proponent should ensure budget allocations for the maintenance of the facilities and stipulated responsibilities to the executors.
- h) The Unit shall not let out the domestic sewage either treated (or) untreated into the Buckingham Canal / water-bodies / CRZ areas.

- i) the Unit shall obtain in principle approval from CMWSSB for the supply of freshwater.
- j) The Unit shall ensure segregation of waste at source, facilitate collection of segregated waste and handover recyclable material either to authorized waster pickers (or) authorized recyclers.
- k) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.
- l) The unit should not construct any additional constructions without the prior clearance from the Competent Authorities in CRZ areas.

**AGENDA ITEM No.10      Construction of Sea view Garden arrangement and reconstruction of existing road along with temporary facilities in Kanykumari Village, Kanyakumari district by Kanyakuari Town Panchayat.**

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

- a) No ground water from Coastal Regulation Zone area shall be tapped for the project and the freshwater requirement for the proposed project should be ensured by the local body.
- b) No permanent structures using construction materials shall be put up in the gardening arrangements proposed; only grasses, plants, shrubs and trees of indigenous species relevant to the coastal ecology shall be planted in the garden arrangements proposed.
- c) The sewage generated from the e-toilet shall be properly discharged.
- d) The solid wastes generated during the relaying of the road shall be disposed off safely and the activity shall comply with the Construction and Demolition Waste Management Rules, 2016.
- e) Dust generated during relaying of the road shall be mitigated by sprinkling of water.

- f) The relaying activity shall adhere to the ambient noise level standards.
- g) The local body should ensure adequate budget provisions for the maintenance of the park every year and the area should be maintained aesthetically.

**AGENDA ITEM No.11      Construction of Sea view Garden arrangement along with temporary facilities at Neendakarai 'B' Village of Ganapathipuram Town Panchayat proposed by Ganapathipuram Town Panchayat, Kanyakumari District.**

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

- a) No ground water from Coastal Regulation Zone area shall be tapped for the project and the freshwater requirement for the proposed project should be ensured by the local body.
- b) No permanent structures using construction materials shall be put up in the gardening arrangements proposed; only grasses, plants, shrubs and trees of indigenous species relevant to the coastal ecology shall be planted in the garden arrangements proposed.
- c) The sewage generated from the e-toilet shall be properly discharged.
- d) The solid wastes generated during the construction phase shall be disposed off safely and the activity shall comply with the Construction and Demolition Waste Management Rules, 2016.
- e) Dust generated during the construction phase shall be mitigated by sprinkling of water.
- f) The local body should ensure adequate budget provisions for the maintenance of the park every year and the area should be maintained aesthetically.

**AGENDA ITEM No.12 Providing temporary walkways for the differently abled persons at Marina Beach of Triplicane and Mylapore Village, Mylapore Taluk, Chennai District proposed by the Greater Chennai Corporation**

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

- a) Designated accessible parking areas and ingress / egress access routes should be provided for the differentially abled people to ensure safety precautions.
- b) The conditions of the surrounding beach environment, beach elevation and slope, seasonal tide fluctuations, shoreline change rates, dune system, wave action shall be considered while providing the temporary walkways.
- c) Temporary walkways shall be constructed in accordance to the locally adopted building code to provide for public safety.
- d) The temporary walkways surface shall be durable, stable, firm and slip resistant; and should be regularly maintained to prevent land accumulation that may hinder access.
- e) The Greater Chennai Corporation should regularly inspect the temporary walkways, monitor and maintain the same. The temporary walkways should be dedicated only to disabled persons.
- f) Conspicuous signage shall be provided for the parking areas and temporary walkways of the differentially abled persons.
- g) No ground water from Coastal Regulation Zone area shall be tapped for the project.
- h) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- i) The local body should ensure adequate budget provisions for the maintenance of the park and walkway every year and the area should be maintained aesthetically.

**AGENDA ITEM No.13**      **Providing temporary walkways for the differently abled persons and garden arrangements at Besant Nagar Beach of Urur Olcott Kuppam Village, Velachery Taluk, Chennai District by the Greater Chennai Corporation**

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

- a) Designated accessible parking areas and ingress / egress access routes should be provided for the differentially abled people to ensure safety precautions.
- b) The conditions of the surrounding beach environment, beach elevation and slope, seasonal tide fluctuations, shoreline change rates, dune system, wave action shall be considered while providing the temporary walkways.
- c) Temporary walkways shall be constructed in accordance to the locally adopted building code to provide for public safety.
- d) The temporary walkways surface shall be durable, stable, firm and slip resistant; and should be regularly maintained to prevents land accumulation that may hinder access.
- e) The Greater Chennai Corporation should regularly inspect the temporary walkways, monitor and maintain the same. The temporary walkway should be laid on the existing pathway used by public at present.
- f) Conspicuous signage shall be provided for the parking areas and temporary walkways of the differentially abled persons.
- g) No ground water from Coastal Regulation Zone area shall be tapped for the project.
- h) Bio Medical Waste generated from first aid kiosk should be segregated and disposed properly to the TNPCB authorized disposal agency.
- i) The freshwater requirement for the proposed project should be obtained through CMWSSB water supply only.
- j) There should not be any activity in the eco-sensitive CRZ-I (A) area viz., Turtle nesting ground.



- k) No permanent structures using construction materials shall be put up in the gardening arrangements proposed; only grasses, plants, shrubs and trees of indigenous species relevant to the coastal ecology shall be planted in the garden arrangements proposed.
- l) The sewage generated from the e-toilet shall be properly discharged into the CMWSSB sewer line as proposed.
- m) The local body should ensure adequate budget provisions for the maintenance of the walk-ways every year and the area should be maintained aesthetically.

**AGENDA ITEM No.14      **Safe Disposal of oil spill waste in storage at Kamarajar Port proposed by Centre for Environment, Health & Safety, Annamalai University****

The Authority resolved to get the opinion of the Expert Member of the Authority Dr. R. Venkatesan, Scientist "G" , NIOT, Ministry of Earth Sciences, GoI and instruct the Member Secretary, TNSCZMA to follow the Tender formalities, while entrusting the work, as the proposal involves financial commitment of around 2.00 crores.

**ADDL. AGENDA**

**ITEM No. 01.                      Proposed project of design, Fabrication, Testing and Installation of Solar Multi Effect Distillation System for providing potable water in arid rural areas at Narippaiyur village, Kadaladi Taluk, Ramanathapuram district at S.No. 285/2B4 proposed by M/s. KGDS Renewable Energy Private Limited, Coimbatore**

The proposed activities are falling only on the landward side in CRZ-III area, as per the approved CZMP based on the CRZ Notification 2019. The meager drawal of sea water and the discharge of brine are passing through the existing TWAD Board Desalination Plants. The Total dissolved solids (TDS) in the brine will be much less than the TDS level from the effluent of existing TWAD Board desalination. Further this proposal is of its first kind indigenous solar thermal desalination plant. The Authority, after considering the above aspects, resolved to clear the proposal subject to the following specific conditions.

- a) It shall be ensured that the temperature of outfall seawater shall not higher 5° C than that of intake seawater temperature.
- b) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- c) There should not be any extraction of ground water in CRZ.
- d) Natural landforms in the coastal zone like sand dunes should not be altered or leveled.
- e) Necessary consents from TNPCB shall be obtained.

### **ADDL. AGENDA**

**ITEM No. 02. Proposed Doctor's Beach Project of Residential Plots in S.F.Nos. at S.No. 106/2, 106/3, 106/4, 106/5, 106/6, 108/1, 108/2A(p), 108/2B, 108/2C1(p), 108/2C2, 109/1, 109/2, 109/3(p), 109/4, 110/1(p), 110/2(p), 110/3, 110/4, 110/5, 111/1, 111/2, 111/3 and 111/4 at Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district by M/s. DS Propertiei, Chennai.40**

The Authority resolved to request the following additional details from the Project Proponent for taking further action.

- a) Copy of FMB sketch to show the availability of the existing road in between the project site and the sea shall be furnished.
- b) The Unit shall provide adequate common sewage treatment plant along with conveyance arrangements to transport sewage from residence to sewage treatment plant for the treatment and disposal of sewage generated from the residential houses and the treated sewage is utilized for gardening purposes. The details of facilities and the site wherein such facilities will be provided shall be incorporated in the layout plan and furnish the documents for scrutiny.
- c) The unit shall provide solid waste management disposal facility for the collection, transportation, treatment and disposal of Municipal Solid waste generated from the residential houses in scientific manner and the details of the same may be furnished.
- d) Commitment letter for the supply of fresh water from the local body should be furnished.

**ADDL. AGENDA**

**ITEM No. 03. Proposed Integrated Road Over Bridge in-lieu-of existing LC No.2A at Ennore High Road and LC No.2B at Manali Road across Buckingham Canal by Greater Chennai Corporation.**

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

- a) The construction of Road Over Bridge shall be carried out such that it does not disturb the flow in the Buckingham Canal and the piers should be constructed outside the High Tide Line.
- b) No cutting of trees shall be envisaged during implementation of the project.
- c) Necessary green belt of native species shall be developed along the roads of the project area to improve the air environment.
- d) The project shall adhere to the construction and demolition waste disposal and management Rules, 2018.
- e) No ground water from CRZ area shall be tapped for the project.
- f) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ Clearance from the competent Authority.
- g) The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
- h) There should not be any constructions in the CRZ - IV areas (i.e., inter-tidal or water area of the Buckingham Canal).
- i) The engineering cross section may be submitted.

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

Sd./- xxxx  
Thiru Shambhu Kallollikar, 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 104<sup>th</sup> meeting of the Authority held on 27.02.2019**

Sl. No	subject	Action taken
01	Four / Six/ Eight laning of Mamallapuram to Mugaiyur Section of NH-332A from KM. 0.000 to KM 31.000 under Bharathmala Pariyojana, Phase-I (Package-I) in Kancheepuram Dist.by National Highways Authority of India.	<p>As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /055/2019 dated 08.03.2019. The E&amp;F Department, Govt., of TN, forwarded the proposal to MoEF&amp;CC., GoI in letter No. 4289/EC-3/2019-1 dated 01.04.2019.</p> <p>The MoEF &amp; CC, GoI have returned the proposal with the request to scrutinize the proposal as per CRZ Notification, 2011 and is placed as Agenda item No. 10.</p>
02	Four / Six/ Eight laning of Mugaiyur to Marakkanam Section of NH-332A from KM 31.000 to KM. 62.000 under Bharathmala Pariyojana, Phase-I, Package II, in Villupuram & Kancheepuram Dist. by National Highways Authority of India	<p>As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /3350/2018 dated 08.03.2019. The E&amp;F Department, Govt., of TN, forwarded the proposal to MoEF&amp;CC., GoI in letter No. 4288/EC-3/2019-1 dated 25.03.2019.</p> <p>The MoEF &amp; CC, GoI have returned the proposal with the request to scrutinize the proposal as per CRZ Notification, 2011 and is placed as Agenda item No. 10.</p>
03	Development of Rail Corridor at Marine Infrastructure Developer Pvt., Ltd., Port (Kattupalli Port) (MIDPL) at Kattupalli Village, Ponneri Taluk, Tiruvallur District, Tamil Nadu proposed by M/s. MIDPL.	<p>As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/3257/2018 dated 08.03.2019. The E&amp;F Department, Govt., of TN, forwarded the proposal to MoEF&amp;CC., GoI in letter No. 4291/EC-3/2019-1 dated 01.04.2019.</p> <p>The MoEF &amp; CC, GoI have returned the proposal with the request to scrutinize the proposal as per CRZ Notification, 2011 and is placed as Agenda item No. 10.</p>
04	Construction of 1200 slum tenements at T.S.No.1/1 and 3/1, Kargil Nagar, Thiruvottiyur Village, Tiruvallur District under Pradan Mandri Awas Yojana (Housing for all Scheme) by Tamil Nadu Slum Clearance Board.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/160/2019 dated 08.03.2019.

05	Construction of tenements at Foreshore Estate in R.S.No.7581, 7582, Block No.48 & 49 of Mylapore Village, Triplicane Taluk, Chennai district by Tamil Nadu Slum Clearance Board	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/379/2019 dated 08.03.2019
06	Development of Mall at R.S.Nos. 169/1B, 170/2A, 170/2B and 173 Pt of Thiruvottiyur, Chennai District by M/s. Alwarpet Properties Pvt. Ltd., Chennai.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/212/2019 dated 08.03.2019
07	Development of Residential Project at R.S.No. 4061 pt., Old S.Nos. 3761, 3762 & 3763 of Tondiarpet Village, Tondiarpet Taluk, Chennai District by M/s. Voora Property Developers Private Limited, Chennai.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/211/2019 dated 08.03.2019
08	Construction of Sea view Garden arrangement and reconstruction of existing road along with temporary facilities in Kanyakumari Village, Kanyakumari district by Kanyakumari Town Panchayat.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/3124/2018 dated 08.03.2019
09	Construction of Sea view Garden arrangement along with temporary facilities at Neendakarai 'B' Village of Ganapathipuram Town Panchayat proposed by Ganapathipuram Town Panchayat, Kanyakumari District.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/3123/2018 dated 08.03.2019
10	Providing temporary walkways for the differently abled persons at Marina Beach of Triplicane and Mylapore Village, Mylapore Taluk, Chennai District proposed by the Greater Chennai Corporation	<p>As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /411/2019 dated 01.04.2019. The E&amp;F Department, Govt., of TN, forwarded the proposal to MoEF&amp;CC., GoI in letter No. 4290/EC-3/2019-1 dated 01.04.2019.</p> <p>The MoEF &amp; CC, GoI have returned the proposal with the request to scrutinize the proposal as per CRZ Notification, 2011 and is placed as Agenda item No. 10.</p>

11	Providing temporary walkways for the differently abled persons and garden arrangements at Besant Nagar Beach of Urur Olcott Kuppam Village, Velachery Taluk, Chennai District by the Greater Chennai Corporation	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/412/2019 dated 08.03.2019
12	Safe Disposal of oil spill waste in storage at Kamarajar Port proposed by Centre for Environment, Health & Safety, Annamalai University	As resolved, the proposal was sent to Dr. R. Venkatesan, Scientist "G", NIOT for opinion vide letter No. P1/154/2017 and he furnished his opinion in Ir. Dated 09 <sup>th</sup> April 2019 and is placed as Agenda item No. 09.
13	Proposed project of design, Fabrication, Testing and Installation of Solar Multi Effect Distillation System for providing potable water in arid rural areas at Narippaiyur village, Kadaladi Taluk, Ramanathapuram district at S.No. 285/2B4 proposed by M/s. KGDS Renewable Energy Private Limited, Coimbatore	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/440/2019 dated 08.03.2019
14	Proposed Doctor's Beach Project of Residential Plots at S.No. 106/2, 106/3, etc., of Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district by M/s. DS Propertiei, Chennai.40	As resolved, the Project Proponent has been requested to submit additional particulars, vide letter No. P1/466/2019 dated 08.03.2019 and the PP has submitted reply vide letter dated 26.03.2019 and is placed as Agenda item No. 6.
15	Proposed Integrated Road Over Bridge in-lieu-of existing LC No.2A at Ennore High Road and LC No.2B at Manali Road across Buckingham Canal by Greater Chennai Corporation.	As resolved, Clearance under CRZ Notification 2019 has been issued for the project in Proc. No. P1/2100/2018 dated 08.03.2019

**AGENDA ITEM No.03**      **Eco-Restoration of Adyar River - 2000m - 4800m Chainage from Thiru Vi.Ka Bridge to 400m upstream of Kotturpuram Bridge by Chennai Rivers Restoration Trust (CRRT), Chennai.**

The Chennai Rivers Restoration Trust has proposed to Eco-restoration of Adyar River as Phase-III, especially the stretch within the CRZ, between Thiru Vi Ka Bridge and 400m upstream of Kotturpuram Bridge accounting to a distance of 4.8 km. The tidal influenced CRZ stretch of the river has been proposed with an array of infrastructural developments along with ecological restoration work with flora. Thirteen different activities have been proposed on either banks of the Adyar River for the entire 4.8 km. The 13 proposed activities broadly grouped under sewage management, river channel improvement, resettlement and rehabilitation plan, biological diversity management, riverfront development and other associated facilities.

2) The two interception mains, proposed under the project, in Adyar and Kotturpuram diverting the raw sewage to a new in-situ treatment facility located downstream of the MRTS Bridge. The proposed intervention lies along the right bank of Adyar River between the chainages 2000m and 4000m. Two gravity mains have been proposed for intercepting all the outfalls along the said stretch. There are 9 storm water drains within the stretch between Thiru Vi Ka Bridge and MRTS bridge in Kotturpuram.

3) The project is proposed to restore the Adyar River and protect and provide a clean environment to the urban community. To prevent dumping of garbage along the river banks, park, maintenance ways are proposed to be developed which does not include major construction activity. The river mouth will be opened to enhance tidal interaction. The river sediments will be de-silted to maintain the free flow of water. The de-silted soil of quantity 2,91,968 m<sup>3</sup> will be used for earth filling for the proposed riverfront development activities such as parks and maintenance ways etc. The remaining de-silted soil will be taken to the Perungudi landfill maintained by Greater Chennai Corporation.

4) The existing STP within Chennai limit where the sewage treated is located at Perungudi with a capacity of 114 MLD. Within the CRZ area, a Modular STP with 2 modules of each 0.3 MLD has been proposed, making the total capacity of 0.60 MLD. The proposed Modular STP will be installed inside the proposed Park downstream of the Kotturpuram MRTS Bridge where the two interception mains in Adyar and Kotturpuram end. The total power consumption for the modular STP at Kotturpuram with 2 modules of 0.3 MLD each will be 13 KW. Solar panels will be provided to avoid interruption in power supply. DG sets will also be provided to avoid power shortage failures. The treated wastewater from the modular STP will be used for the vegetation along the river bank and parks.

5) The District Environmental Engineer, TNPCB, Chennai District has forwarded the proposal with the following conditions:

- i) The de-silting of River Adyar shall be undertaken only once.
- ii) The silt generated shall be scientifically disposed in suitable area outside CRZ area.
- iii) The parks proposed to be established in the CRZ area shall not be a public park and be maintained as a Bio-Park. Park should not be utilized for entertainment / recreation purpose.
- iv) The greeneries proposed in the CRZ area shall be undertaken in consultation with the Forests Department.
- v) The modular STPs proposed in the CRZ area shall be temporary nature to treat the raw sewage let into the river Adyar, until permanent measures are taken by the CMWSSB to provide sewerage network for treatment and disposal.
- vi) The treated sewage shall meet the disposal standards as prescribed by the TNPCB and to be utilized for greenery development (or) for other beneficial use.
- vii) The Consent to Establish (CTE) of the TNPC Board shall be obtained prior to the establishment of the STPs.
- viii) Food Courts should not be established. There should not be any cycle track, children play ground, view point and terraces.
- ix) Walk way should be paved for only maintenance purpose.



x) The proponent shall submit the HTL demarcation in the CZMP map 2011 available with the Director of Environment based on the CRZ Notification 2011.

6) As per approved CZMP the proposed project is falling in CRZ-IB (inter-tidal area), CRZ-II (developed area) and CRZ-IVB (water area) and the total project cost is Rs. 121.17 Crores.

7) As per CRZ Notification 2011 vide para 3 (v) (a)., facilities required for the discharging treated effluents into the water course with the approval under the Water (Prevention and Control of Pollution) Act, 1974 is permissible activity. Further vide para 3 (iv) (c) land reclamation, bunding or disturbing the natural course of seawater are permissible activities for the maintenance or clearing of waterways, channels and ports, based on EIA studies etc., Further vide para 4 (1) (a) Clearance shall be given for any activity within CRZ only if it requires waterfront and foreshore facilities. However, as per para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

8) The Authority may consider.

**AGENDA ITEM NO. 04 Establishing 15 MLD Capacity Desalination Plant at S.No.817/1, 817/2, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District by M/s. South Water Alliance (P) Ltd., Chennai**

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal for the proposed establishment of 15 MLD Capacity Desalination Plant at S.No.817/1, 817/2, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District proposed by M/s. South Water Alliance (P) Ltd., Chennai.

2) Under the proposal, M/s. South Water Alliance Private Ltd.(SWAPL) is proposed to establish a Desalination Plant of 15 MLD Capacity to meet the water supply requirements of M/s. Southern Petrochemical Industries Ltd., (SPIC) and Greenstar Fertilizers Ltd., (GSFL) .

3) The project area is falling in CRZ-II area at R.S. No.817/1 of Mullakadu Part-I Village, Thoothukudi taluk and District. The land to the extent of 3 Ha, earmarked for the project is located within the Guest House premises having 10.43.7 Ha, of SPIC ( "Sagar Sadan"), given to the project proponent on a land use agreement for a period of 20 years since 24.10.2018. The facility would be having two stage Reverse Osmosis Plant System of 15 MLD Capacity, sea water intake pipeline, one reject discharge pipeline with diffuser, sea water sump etc., the seawater drawn is filtered and pre-treated, subjected to R.O. process, the permeate recovered is supplied to SPIC and the rejected brine would be discharged back into the sea. The Desalination plant requires seawater in-take of 1562.50 cubic meter/hr., (37.50 MLD). The Brine discharge/out fall will be 937.50 cubic meters/hr (22.50 MLD). The total area of the proposed project is 30,000 Sq.mtr to accommodate the desalination plant and allied structures.

4) The intake pipeline is of 1,215m length, of which 935m falls in CRZ-IV area, 40m in CRZ-IB area and the remaining 240m falls in CRZ-II. Out of the outfall pipeline of total length of 1,450m., 1035m falls in CRZ-IV area, 40m in CRZ-IB area and the remaining 240m falls in CRZ-II area. The intake well will be at (-) 3.8 m Chart Datum (CD). The brine outfall will be at (-) 4.6m CD. Three Diffusers each of 0.2m dia and 1.5m height will be provided at the offshore end/outfall point.

5) The proposed project site falling in CRZ-II, CRZ-I(B) and CRZ-IV(A) and the total cost of the project is Rs.48.85 crores. The DCZMA has recommended the project to the TNSCZMA with the following specific conditions.

- a) All the provisions of the CRZ Notification, 2019 shall be adhered with.
- b) The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2019 and other statutory clearances.
- c) The clearances/ approvals from the Revenue Department and Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- d) No Objection Certificate from the Wildlife Warden, Gulf of Mannar Biosphere and National Park, Mandapam, Ramanathapuram district shall be obtained, as the pipelines are proposed to be laid within the Biosphere.
- e) The alignment of the intake and outfall pipelines, and the diffuser at the outfall line shall be in strict compliance to the study carried out by the Department of Ocean Engineering, IIT, Madras.
- f) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- g) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.
- h) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- i) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

6) As per CRZ Notification 2011, vide para 4 (i) (a), para 8 I CRZ I (i) (b) and 8 II CRZ II (v) the above activities are permissible activities. However, the project requires clearance from the MoEF & CC, Govt. of India vide para 4 (ii) (h) of CRZ Notification 2011.

7) The Authority may consider.

**AGENDA ITEM No.05**      **Establishing 11 Nos. of Edible Oil Storage Tanks including the laying of pipeline from the oil jetty to the Storage Terminal at Plot No.A, Tuticorin Port Trust, Thoothukudi by M/s. KOG-KTV Food Products (India) Pvt. Ltd., Thoothukudi**

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal received from /s. KOG-KTV Food Products (India) Pvt. Ltd., Thoothukudi for the proposed establishment of 11 Nos. of tanks for handling and storage of Edible Oil at Plot No.A, V.O.C Port Trust, Thoothukudi.

2) Under the project, the Project Proponent has proposed to establish an Edible Oil Storage Transit Terminal within the VOC Port Trust. The Edible oil received in the Oil Jetty in vessels will be transported to the Storage Tanks through pipeline and the stored Edible Oil will be transported through tank lorries. The project proponent intends to establish 11 Nos. Edible Oil storage tanks, with the capacity 5090 KL each of 3 Nos, 3079 KL each of 4 Nos. and 2262 KLoF 4 Nos., and the cumulative storage capacity shall be 36,634 KL. The project proponent has also proposed to lay a 12 inch diameter pipeline at the length of 4.5 KM through the existing jetty.

3) The total land area available is 8094 SQM within the VOC Port Trust, allotted by the VOC Port Trust, for a period of 30 years, on lease basis. The power requirement is around 75 HP and a standby Diesel Generator Set of 80 KVA would be installed.

4) The total cost of the project is Rs.10 crores and the area of the proposed storage tanks is falling in CRZ-II and the proposed pipeline is traversing through jetty/breakwater for 4.5 KM in CRZ-IV, as per the HTL Demarcation map.

5) The DCZMA has recommended the project to SCZMA with the following specific conditions:

- a) The proposed facility shall be utilized only for the storage of Edible Oil.
- b) All the provisions of the CRZ Notification, 2019 shall be adhered with.

- c) The project proponent shall undertake the establishment of the facility and laying of pipeline, only after getting the required clearances from the Competent authorities such as Planning Permission, Plan Approval, etc., including the clearance under the CRZ Notification, 2019 and other statutory clearances.
- d) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- e) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.
- f) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- g) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

6) As per CRZ Notification 2011, vide para 8 II CRZ-II (vi) storage of nonhazardous cargo, such as edible oil, fertilizers and food grain shall be established only in notified ports; However, as per para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

7) The Authority may consider.

**AGENDA ITEM No.06**

**Proposed Doctor's Beach Project of Residential Plots at S.Nos. 106/2, 106/3, 106/4, 106/5, 106/6, 108/1, 108/2A(p), 108/2B, 108/2C1(p), 108/2C2, 109/1, 109/2, 109/3(p), 109/4, 110/1(p), 110/2(p), 110/3, 110/4, 110/5, 111/1, 111/2, 111/3 and 111/4 at Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district by M/s. DS Propertiei, Chennai.40**

M/s. DS Propertiei, Chennai.40 have sent a proposal for the proposed Doctor's Beach Project of Residential Plots at S.Nos. 106/2, 106/3, 106/4, 106/5, 106/6, 108/1, 108/2A(p), 108/2B, 108/2C1(p), 108/2C2, 109/1, 109/2, 109/3(p), 109/4, 110/1(p), 110/2(p), 110/3, 110/4, 110/5, 111/1, 111/2, 111/3 and 111/4 at Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district.

2) The proposal has been placed before the Authority in 104<sup>th</sup> meeting held on 27.02.2019 and the Authority resolved to request the following additional details from the Project Proponent for taking further action.

- a) Copy of FMB sketch to show the availability of the existing road in between the project site and the sea shall be furnished.
- b) The Unit shall provide adequate common sewage treatment plant along with conveyance arrangements to transport sewage from residence to sewage treatment plant for the treatment and disposal of sewage generated from the residential houses and the treated sewage is utilized for gardening purposes. The details of facilities and the site wherein such facilities will be provided shall be incorporated in the layout plan and furnish the documents for scrutiny.
- c) The unit shall provide solid waste management disposal facility for the collection, transportation, treatment and disposal of Municipal Solid waste generated from the residential houses in scientific manner and the details of the same may be furnished.
- d) Commitment letter for the supply of fresh water from the local body should be furnished.

3) The Project Proponent has submitted the above particulars, vide letter dated 26.03.2019 (copies enclosed).

4) As per CRZ Notification 2011, vide para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16<sup>th</sup> 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 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. The entire layout is on the landward side of the existing earthen burial ground road available for public use, connecting the Vasavankuppam Village and burial ground of Vasavankuppam Village.

5) The Authority may consider.

**AGENDA ITEM No.07**

**Proposed construction of terrace building for St. Alex Church, Kottipadu, Colachel at R.S.No.774/6, 8, 10, 11, 12, 13,14, 16, 17,23 of Lekshmpuram Village, Kalkulam Taluk, Kanyakumari district by The Parish Priest, St.Alex Church, Kottilpadu, Kanyakumari Dist.**

The District Environmental Engineer, TNPCB, Kanyakumari district has forwarded a proposal for the proposed construction of terrace building for St. Alex Church, Kottipadu, Colachel at R.S.No.774/6, 8A, 8B, 10A, 10B, 11, 12, 13, 14, 16, 17, 23 of Lakshmpuram Village, Kalkulam Taluk, Kanyakumari district proposed by the Parish Priest, St. Alex Church, Kottilpadu, for Clearance under CRZ Notification 2011.

2) The total area of the project site is 4763.56 Sq.mtr., with proposed plinth area is 1230.72 Sq.mtr. and the Open Space is 3532.84 Sq.mtr. The proposed project is falling in CRZ-II and the estimated cost of the project is Rs.75 lakhs.

3) The Project Proponent has submitted the copies of the NoC from Kallukootam Town Panchayat for construction of Church, NoC from Tahsildhar, Kalkulam Taluk, Highways Department and Tamil Nadu Fire and Rescue Services Department for obtaining clearance from Town and Country Planning Department.

4) The Kallukootam Town Panchayat have issued certificate for supplying fresh water.

5) As per CRZ Notification 2011, vide para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16<sup>th</sup> 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 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.

6) The Authority may consider.



**AGENDA ITEM No. 08    Comprehensive Study on the impact of the presence of several hotels, beach resorts and other recreational / tourism activities on the coastal and marine eco-system between Chennai and Mamallapuram**

In the 103<sup>rd</sup> meeting of the TNSCZMA held on 03.01.2019, the Authority have pointed out that several beach resorts and hotels are in existence already, along the ECR between Chennai to Mamallapuram and also several projects are under construction. Hence it is emphasized, during the meeting, that a Comprehensive study shall be conducted, on the impact of the presence of the said hotels, beach resorts and other recreational/ tourism activities, on the coastal and marine eco-system, flora and fauna between Chennai and Mamallapuram, so as to strengthen the monitoring system, developing proper mitigation measures, policy decisions based on the carrying capacity of the coast etc., and the Authority resolved to conduct the said study, through a reputed agency in the said field.

2) Accordingly, several experts / organizations were requested to send their Willingness / Expression of Interests to prepare the study as indicated by the TNSCZMA.

3) In this connection, Dr. Jayshree Vencatesan, MD, Care Earth Trust, Chennai and Dr. Nehrukumar Vaithilingam, Professor & Director, Centre for Environment, Health & Safety, Annamalai University have sent their Expression of Interest to carryout the study and quoted Rs.7,59,150/- and Rs. 15.00 lakhs respectively.

4) The Authority may consider.

**AGENDA ITEM No.09      Safe Disposal of oil spill waste in storage at Kamarajar Port proposed by Centre for Environment, Health & Safety, Annamalai University**

Consequence on the collision of two ships off Ennore Kamarajar Port area on 28.01.2017 several items of works are being taken up based on the recommendations of the Expert Committee under the chairmanship of Dr. B.R. Subramanian, Project Director (Retd.), ICMAM PD, MoES, Chennai.

2) In respect of work on "Treatment and Disposal of Oil Sea water mixture recovered from the damaged fuel Tank of MT Dawn Kancheepuram ship", Dr. Nehru Kumar, Professor & Director, Centre for Environment, Health & Safety, Annamalai University has submitted a proposal for Rs. 190 Lakhs + taxes and was placed before the Authority in the 104<sup>th</sup> meeting.

3) After deliberations, the Authority resolved to get the opinion of the Expert Member of the Authority Dr. R. Venkatesan, Scientist "G" , NIOT, Ministry of Earth Sciences, GoI and instruct the Member Secretary, TNSCZMA to follow the Tender formalities, while entrusting the work, as the proposal involves financial commitment of around 2.00 Crores.

4) In this connection, the Expert Member of the Authority Dr. R. Venkatesan, Scientist "G" , NIOT has, besides other remarks, given opinion in letter dated 9<sup>th</sup> April 2019 as follows:

- a) The treatment efficacy of disposal methodology proposed for solidified, partially solidified and mixed should be ascertained.
- b) The disposal to be done in consultation with Pollution Control Board / Indian Oil Corporation for safety and to avoid adverse impact on environment or habitation.
- c) The proposal claims a success by the treatment process and it is not given for Indian conditions. The present condition of oil waste verses the technique proposed in adaptability for the present condition of oil waste should be brought out clearly.
- d) Considering certain uncertainties in the proposal, consultation with Oil Company like Indian Oil Corporation (IOC), Indian Institute of Technology, Madras (IITM) and Central Pollution Control Board (CPCB) is necessary and also it is advisable to undertake a pilot study before taking up the final proposal.

5) The Authority may consider.

**AGENDA ITEM No.10      Implementation of CRZ (CRZ) Notification, 2019 issued by the MoEF&CC., GoI - deferred till the revision/updation of Coastal Zone Management Plans of Tamil Nadu, under the provisions of the CRZ Notification 2019.**

As per the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011, the approval of the Coastal Zone Management Plan (CZMP) for Tamil Nadu, the Ministry of Environment, Forests and Climate Change, GoI has been obtained, based on the recommendations of the National Coastal Zone Management Authority (NCZMA) on 24.10.2018. The approved Coastal Zone Management Plan (CZMP) in 117 maps has been uploaded in the Website of Department of Environment (<http://www.environment.tn.nic.in>) and ENVIS (<http://tnenvis.nic.in>) on 29.11.2018. Soft copy of the approved CZMP has been sent to all the 13 District Coastal Zone Management Authorities and the Stakeholder Departments for necessary action

2) However, The Ministry of Environment, Forests and Climate Change(MoEF&CC), GoI have promulgated CRZ Notification 2019 on 18.01.2019. Hence, action will be taken for the preparation of Coastal Zone Management Plan (CZMP) through National Center for Sustainable Coastal Management (NCSCM) as per the provisions of the CRZ Notification 2019, which is mandatory for the State. On receipt of revised CZMP as per the new CRZ Notification 2019, public hearings, public consultations shall be arranged before sending to GOI for approval through GoTN.

3) In the meantime, it is ascertained that the MoEF&CC., GoI have issued instructions in letter dated 26.02.2019 to the Government of Maharashtra to the effect that "until the CZMPs of the Maharashtra are updated/revised under the provisions of CRZ Notification 2019, the provisions of the new Notification 2019 shall not apply and the provisions of CRZ Notification 2011 shall continue to be followed for appraisal & Clearances."

4) Hence, the MoEF&CC., GoI have been informed that all the provisions of CRZ Notification 2019 are under implementation in Tamil Nadu except the provisions indicated therein and also informed that the said procedure will be modified, if required, on receipt

of guidance/ guidelines on the implementation of the CRZ Notification 2011 on 16<sup>th</sup> March 2019. . For which, the MoEF&CC., GoI on 5<sup>th</sup> April 2019, directed that "until the CZMPs of the Tamil Nadu are updated/revised under the provisions of CRZ Notification 2019, the provisions of the new Notification 2019 shall not apply and the provisions of CRZ Notification 2011 shall continue to be followed for appraisal & Clearances" and also returned the following proposals for scrutiny under CRZ Notification 2011, which were forwarded to GoI based on the CRZ Notification 2019.

**i) Four / Six/ Eight laning of Mamallapuram to Mugaiyur Section of NH-332A from KM. 0.000 to KM 31.000 under Bharathmala Pariyojana, Phase-I (Package-I) in Kancheepuram Dist.by National Highways Authority of India.**

**AND**

**ii) Four / Six/ Eight laning of Mugaiyur to Marakkanam Section of NH-332A from KM 31.000 to KM. 62.000 under Bharathmala Pariyojana, Phase-I, Package II, in Villupuram & Kancheepuram Dist. by National Highways Authority of India**

As per CRZ Notification 2011 vide para 8 I CRZ-I (ii) (g) construction of roads on stilts or pillars, without affecting the tidal flow of water is permissible activity. Further vide para 8 III CRZ III (A) (iii) (j) and (B) (viii) of the said notification, the above activities are permissible activities in CRZ-III. However, as per para 4 (ii) (a), the above activities require Clearance from the Ministry of Environment, Forests and Climate Change, GoI.

**iii) Development of Rail Corridor at MIDPL Port Facility at Kattupalli Village, Ponneri Taluk, Tiruvallur District by Marine Infrastructure Developer Pvt. Ltd., Kattupalli, Tiruvallur district**

As per CRZ Notification 2011 vide para 8 I CRZ-I (b) construction of pipelines, conveying systems including transmission lines is permissible activities in CRZ-I. As per Para 3 (iv) (a), land reclamation, bunding or disturbing the natural course of seawater except expansion of foreshore facilities like ports, harbours, jetties, wharves, quays, slipways, bridges, sea link, road on stilts are also the permissible activities. However, as per para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

**iv) Providing temporary walkways for the differently abled persons at Marina Beach of Triplicane and Mylapore Village, Mylapore Taluk, Chennai District proposed by the Greater Chennai Corporation**

As per CRZ Notification 2011 vide para 8 I CRZ-I (b) construction of pipelines, conveying systems including transmission lines is permissible activities in CRZ-I. However, as per para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

5) As such, the Authority may consider

- (i) to re-send the proposals referred above from items (i) and (iv) to MoEF& CC., GoI., subject to the conditions stipulated by the TNSCZMA in the 104<sup>th</sup> meeting held on 27.02.2019.
- ii) All the stakeholder Departments may be requested to take action based on the approved CZMP as per the CRZ Notification 2011 along with the provisions of CRZ Notification 2011. The implementation of CRZ Notification 2019 shall be effected only after the CZMPs of the Tamil Nadu are updated/revised under the provisions of CRZ Notification 2019.

**AGENDA ITEM No.11: Any other subject with the permission of the Chair.**

**Addl. Agenda Item No.11(i): Proposed construction of Lighthouse at S.No. 1219/6, Dhanuskodi Village, Rameswaram Taluk, Ramanathapuram District by Director of Lighthouse and Lightships, Chennai**

The Director of Lighthouse and Lightships, Chennai has proposed to construct a Lighthouse at Dhanushkodi Village, Rameswaram Taluk, Ramanathapuram District, as the existing Pamban Lighthouse and Olakuda (Rameswaram Lighthouse) are not visible in Dhanushkodi area, where the fishing activities are more. The PP has informed that the Indian Navy and Coast Guard are having their base station at Mandapam near Rameswaram, providing of lighthouse at Dhanushkodi will also be utilized by them.

2) The Project proponent has proposed to construct a RCC Lighthouse Tower of 45m height with lift and staircase provisions with a viewing gallery at 42 mtr height to facilitate the development of tourism at Dhanushkodi. The RCC framed structure of 2 storied auxiliary building consisting of Powerhouse, Battery room, Store room, duty operator rooms in first floor and inspection room, recreation room etc., in 2<sup>nd</sup> floor. The project will also involve internal development of basic infrastructure such as internal roads, power supply, water supply and water pipeline, sewage soak pit and waste management system and lawn area, children play area.

3) They proposed to construct retaining cum compound wall to a height of 3.4 mtr from the existing road level with a development of site of 1 mtr. height in order to withstand high tide waves during monsoon/cyclone period.

4) The total plot area for the proposed project is approximately 1500 sq.mtr. with the base area for building is 231.74 sq.mtr. The plot area available for landscaping is 337 sq.mtr.

5) During the construction phase, power will be sourced from DG Set and during the operation period, 10 KW 3 Phase electricity supply will be sourced from State Electricity Board and Solar Grid of 4 KV, off grid system is proposed to meet the needs of the energy in the lighthouse.

6) The total water requirement during operation phase will be 810 litres per day and the sewage generated from the project will be approximately 756 litres per day. The generated sewage will be disposed in the sewer plant.

7) The total size of the project area is 0.15 Hectares and the proposed project is falling in CRZ-II and the cost of estimate is Rs.7.09 crores.

8) The District Environmental Engineer, TNPCB, Ramanathapuram district has recommended the proposal with the following conditions.

- a) The proponent shall obtain necessary Forests Clearance from Competent Authority.
- b) The proponent shall prepare solid waste and construction waste management plan so as not to disturb the flora, fauna and Marine environment of project area.
- c) The proponent shall get prior planning permission from the Director of Town and Country Planning.

9) Regarding the (a) & (b) above, the project proponent has furnished the details vide their letter dated 14.05.2019 (copy enclosed).

10) As per the CRZ Notification 2011, vide para 3 (i)(a), setting up of facilities those related directly to waterfront or directly needing foreshore facilities are permissible activities and vide para 4 (i) (a) clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities; However, vide para 4(ii)(c) of the said notification, the said activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

11) The Authority may consider.

**Addl. Agenda Item No.11(ii):** Proposed construction of compound wall for the development of Green belt in the existing Cancer Diagnostic, Treatment and Research Hospital-Cancer Institute (WIA) at Kottur Village, Guindy Taluk proposed by the Secretary, Cancer Institute, Adyar, Chennai

The Cancer Institute (WIA), Chennai is a voluntary institution, registered under the Societies Registration Act of 1980, submitted a proposal for the construction of a compound wall for the development of Green Belt in the existing Cancer Diagnostic Treatment and Research Hospital, at T.S. No. 27 of Block No.27 and T.S. No.2,3 of Block 28, Kottur village., Guindy Taluk, Chennai.

2) The Project Proponent has informed that there is no permanent structure between the occupiable area and Buckingham Canal. A flood protection wall (height 15 ft) was built by the Buckingham Canal Authority behind the campus. The top surface of the wall is at the same level as the ground level of the campus and thus endangering the safety of the patients. On behalf of the Project Proponent the Greater Chennai Corporation is consented to construct a compound wall and also beautify a strip of the area about 6mts width by 350 mts of length abutting the compound wall within the project area. Government of Tamil Nadu, Public Works Department have leased the project area to the Cancer Institute and vide G.O. Ms. No. 119 dated 10.06.2015 allowed the Greater Chennai Corporation to construct a Park after leaving a 6 meter road adjacent to the flood protection wall for the purpose of desilting the canal. The park after construction will be maintained by the Cancer Institute, Adyar, Chennai.

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

- a) No ground water from the CRZ area shall be extracted for the construction of the project.
- b) The proponent shall not letout the domestic sewage either treated (or) untreated in the Buckingham Canal.



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- c) No construction activity shall be started/ Under taken by the proponent until obtaining the CRZ Clearance from the Competent Authority.
- d) The proponent shall ensure that there shall be no access by the public to the park developed by the institution and the Cancer institute shall maintain the park as committed.

4) As per CRZ Notification 2011, vide para 8(i) II CRZ II (i) & (ii), buildings shall be allowed on the landward side of the existing road or authorized structure. Further vide para 3 (xiii) Dressing or altering the sand dunes, hills, natural features including landscape changes for beautification, recreation and other such purpose is only prohibited activity.

5) The Authority may consider.

**Addl. Agenda Item No.11(iii) : Golf Course Project Tamil Nadu by M/s. Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District - To retain in CRZ-III**

M/s. Sporting Pastime India Ltd., have proposed to construct an international standard Golf Course at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram district. Based on the recommendation of the State Coastal Zone Management Authority in the 6<sup>th</sup> meeting held on 04.08.1999, proposal have been sent to Govt. of India for consideration.

2) At the time of sending proposals during the year 1999, the site was categorized as CRZ-I. However, based on the recommendation of the State Coastal Zone Management Authority in the 6<sup>th</sup> meeting held on 04.08.1999, a proposal has been sent to Govt. of India for the reclassification the project site as CRZ-III. The Govt. of India in letter No.J-11011/18/96-IA.III dated 23.06.2000 approved the above reclassification.

3) Accordingly, the Govt. of India have issued Environment Clearance for the above project in letter No.J-17011/9/99/IA.III dated 09.10.2002, subject to the several conditions.

4) In the meantime, Govt. of India have promulgated the CRZ Notification, 2011 and as per this notification, the CZMP should be prepared by given wide publicity as per Environment (Protection) Act, 1986 along with conducting public hearing at district level. Accordingly, the CZMP has been prepared and uploaded in the websites of the Department of Environment, ENVIS and hard copies have been made available at the Government offices / local bodies. As per the said CZMP the project areas are falling in CRZ-IA (Eco-sensitive areas) and CRZ-IB.

5) In this connection, the applicant has informed that some of the physical features like, sand dunes, water bodies on the project site have been developed by them as essential to international Golf Course and not natural features and hence the applicant informed that the National Centre for Sustainable Coastal Management developed the Coastal Zone Management Plan (CZMP) by categorizing the above said areas, as CRZ-IA & IB viz., Ecologically sensitive and Intertidal Zone respectively taking into account the above artificially developed features as natural features. Hence, the applicant requested that the project area may be retained as CRZ-III.

6) However, as per the CRZ Notification, 2011, vide para V of Annexure-I , "whenever there is a doubt, the concerned State or Union territory Coastal Zone Management Authority shall refer the matter to the National Centre for Sustainable Coastal Management (NCSCM), who shall verify the CZMP based on the latest satellite imagery and ground truthing".

7) The subject has been placed before the 103<sup>rd</sup> TNSCZMA meeting held on 03.01.2019 and the Authority resolved to request the District Coastal Zone Management Authority of Kancheenpuram District to furnish remarks on the request of the Project Proponent. Further, the Authority resolved to refer the matter to the National Centre for Sustainable Coastal Management (NCSCM), to submit factual report, based on the latest satellite imagery and ground truthing, as prescribed in the CRZ Notification, 2011, for taking further action.

8) As instructed by the Authority, the District Collector and Chairman, DCZMA for Kancheenpuram district along with the members of the DCZMA have inspected the project site on 14.02.2019 on physical verification of the ground truthing of the project area and submitted the following observations.

- a) The physical features like the sand undulations that look like sand dunes are artificially created by the project proponent for the purpose of golf course and not the natural sand dunes.
- b) Also, the physical features like waterbodies created by the project proponent for the golf course project were artificially created and were not naturally formed water bodies.
- c) It was noticed that the natural water bodies in this project area are the Lagoon at S.No.241 and 354 of Mudaliyarkuppam Village and the Buckingham Canal that passes through the project area and joins with the natural lagoon.
- d) Further, it was noticed that the project area is mainly flat land with native vegetations.
- e) After the detailed discussions, the DCZMA decided to recommend the restoration of the said project area falling under CRZ as CRZ-III to the TNSCZMA for consideration.

9) The field verification was carried out by the NCSCM officials along with DEE, TNPCB, Chennai and Programme Officer, Department of Environment on 30.04.2019 and submitted the report. In this report the NCSCM have concluded as follows.

- a) The sand dunes in the project area were all found to be natural features and not artificial / developed / manmade. These are continuous sand dune features which are present all along the coast and are not restricted to the project site. Sand dunes are present within the project area, beyond the project area as well as beyond the CRZ area.

- b) The Environmental clearance issued to the project vide MoEF, Govt. of India vide letter No. J-17011/9/99/IA.III dated 09.10.2002 also specifies in para (viii) of 'Special Conditions' that "Sand dunes in the coastal stretches must not be removed / disturbed for any purpose".
  - c) It is recommended that the CRZ classification CRZ-IA of the sand dunes in the said project site and beyond may be retained as such in the CZMP map TN98 without any change.
  - d) During the field visit it was observed that there are minor changes in the various coastal geomorphological features due to day-to-day anthropogenic activities and natural causes. But it has been confirmed that the area is full of sand dunes.
  - e) The classification CRZ-IB of water bodies in the approved CZMP map No.TN98 may be retained as such without any change. The CZMP of the area / district was prepared as per the guidelines given in the CRZ Notification 2011 and the same has been approved.
- 10) The report received from DCZMA, Kancheepuram and the NCSCM are placed before to the Authority for information.

**Addl. Agenda Item No.11(iv) : Study Tour of Coastal areas for the staff members of Environment & Forests Department**

The Tamil Nadu State Coastal Zone Management Authority is implementing the provisions of the CRZ Notification 2011. It is felt necessary that the field experience training programme to Kerala may be conducted, due to the presence of divergence of bio-diversity and also for acquiring better field exposure on Ecological Sensitive Areas and Coastal Regulation Zones to some selected staff and officers of Environment Control wing of the Environment and Forests Department & Department of Environment.

2) The expenditure may be met from the grant from the State Coastal Zone Management Fund, to the tune of Rs.3.00 lakhs (Rupees Three lakhs only) for making necessary arrangements and logistics towards the above field experience.

3) The Authority may consider.

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

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

**MINUTES OF THE 105th MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 21.05.2019**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 104<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.02.2019.**

The minutes of the 104<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.02.2019, communicated, to the Members of the Authority in letter No. P1/2200/2018 dated 08.03.2019 of the Director of Environment was confirmed.

**AGENDA ITEM NO.02: The action taken on the decisions of 104<sup>th</sup> meeting of the Authority held on 27.02.2019.**

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 104<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.02.2019. The Authority noted the action taken.

During the discussions, the Chairman emphasized that apart from the applicants, the executing/ implementing agencies should be instructed to make available in the Authority meetings and necessary undertaking should also be obtained from them that they are fully aware of the project activities, on their part.

**AGENDA ITEM No.03      Eco-Restoration of Adyar River - 2000m - 4800m Chainage from Thiru Vi.Ka Bridge to 400m upstream of Kotturpuram Bridge by Chennai Rivers Restoration Trust (CRRT), Chennai.**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, GoI., subject to the following specific conditions:

- i) The de-silting of River Adyar shall be undertaken only once.
- ii) The silt generated shall be scientifically disposed in suitable, outside CRZ area after analyzing the characteristics of the sedimentation.
- iii) The parks proposed to be established in the CRZ area shall not be a public park and be maintained as a Bio-Park. Park should not be utilized for entertainment / recreation purpose.

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- iv) The greeneries proposed in the CRZ area shall be undertaken in consultation with the Forests Department.
- v) For planting mangroves, the Institutions like MSSRF shall be involved in the survival, growth of the Plantations and an agreement shall be executed with them for a period of 3 to 5 years and the payment shall be linked with the actual survival and growth rate, which ensure the protection of plantation.
- v) The modular STPs proposed in the CRZ area shall be temporary nature to treat the raw sewage let into the river Adyar, until permanent measures are taken by the CMWSSB to provide sewerage network for treatment and disposal.
- vi) The adequacy of the installation of STP should be studied. The treated sewage shall meet the disposal standards as prescribed by the TNPCB and to be utilized for greenery development or (or) for other beneficial use.
- vii) The Consent to Establish (CTE) of the TNPC Board shall be obtained prior to the establishment of the STPs.
- viii) Food Courts should not be established. There should not be any cycle track, children play ground, view point and terraces.
- ix) Walk way should be paved for only maintenance purpose.
- x) Necessary consent should be obtained from the implementing agency viz., Chennai Metro Water Supply and Sewage Board for the continuance of operations, maintenance etc., after commencement of the project.

**AGENDA ITEM NO. 04      Establishing 15 MLD Capacity Desalination Plant at S.No.817/1, 817/2, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District by M/s. South Water Alliance (P) Ltd., Chennai**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, GoI., subject to the following specific conditions:

- a) The project proponent shall undertake the establishment only after getting all the required Clearances such as Planning Permission, CTE from TNPCB, Clearance under CRZ Notification, 2011 etc., from Competent authorities.



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- b) The clearances/ approvals from the Revenue Department and Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- c) No Objection Certificate from the Wildlife Warden, Gulf of Mannar Biosphere and National Park, Mandapam, Ramanathapuram district shall be obtained.
- d) The alignment of the intake and outfall pipelines, and the diffuser at the outfall line shall be in strict compliance to the study carried out by the Department of Ocean Engineering, IIT, Madras.
- e) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- f) The temperature of water at the outfall point should be maintained within the prescribed levels. This may be monitored regularly through an institute and fact may be reported to Department of Environment.
- g) The Project should not in any way affect the fishing activities and also should not hinder the livelihood of the Fishermen.
- h) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.
- i) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- j) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

**AGENDA ITEM No.05**      **Establishing 11 Nos. of Edible Oil Storage Tanks including the laying of pipeline from the oil jetty to the Storage Terminal at Plot No.A, Tuticorin Port Trust, Thoothukudi by M/s. KOG-KTV Food Products (India) Pvt. Ltd., Thoothukudi**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, GoI., subject to the following specific conditions:

- a) The construction of storage tanks shall satisfy the prescribed standard norms.
- 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) The applicant shall obtain consents under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- d) The unit shall ensure the integrity of pipeline proposed for the transport of edible oil and to ensure any leak.
- e) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- f) There should not be any extraction of ground water in CRZ.
- f) The proposed facility shall be utilized only for the storage of Edible Oil.
- g) The project proponent shall undertake the establishment of the facility and laying of pipeline, only after getting the required statutory clearances.
- h) The Project should not in any way affect the fishing activities and also should not hinder the livelihood of the Fishermen.
- i) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.
- j) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated

tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,

- k) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

**AGENDA ITEM No.06**      **Proposed Doctor's Beach Project of Residential Plots at S.Nos. 106/2, 106/3, 106/4, 106/5, 106/6, 108/1, 108/2A(p), 108/2B, 108/2C1(p), 108/2C2, 109/1, 109/2, 109/3(p), 109/4, 110/1(p), 110/2(p), 110/3, 110/4, 110/5, 111/1, 111/2, 111/3 and 111/4 at Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district by M/s. DS Propertiei, Chennai.40.**

The Authority resolved to request the applicant to furnish the details of plots falling in the CRZ-II areas (i.e, from 0 to 500 mts from the HTL of sea) and Outside CRZ areas duly superimposing in the HTL demarcation map. The Authority further resolved to issue NOC in respect of the plots, which are falling in Non-CRZ areas, the DTCP shall issue approval duly following the Town and Country Planning rules and regulations.

2) Further the Authority resolved to request the applicant to apply for the Clearance, if required, in respect to the plots, which are falling in CRZ-II area (i.e., 0 to 500mts from the HTL of sea) separately, along with the ownership land documents of the said plots.

**AGENDA ITEM No.07**      **Proposed construction of terrace building for St. Alex Church, Kottipadu, Colachel at R.S.No.774/6,8, 10, 11, 12, 13,14, 16, 17,23 of Lekshnipuram Village, Kalkulam Taluk, Kanyakumari district by The Parish Priest, St.Alex Church, Kottipadu, Kanyakumari Dist.**

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

- a) 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) & (iii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
- b) The proposed construction should be used only for the prayer purpose.
- 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. 08      Comprehensive Study on the impact of the presence of several hotels, beach resorts and other recreational / tourism activities on the coastal and marine eco-system between Chennai and Mamallapuram**

The Authority appreciated the Power Point Presentation made by M/s. Care Earth Trust. The Authority resolved to make a ToR in consultation with the Technical Members of the Authority, duly identifying the scope that may be carried out at a cost of Rs 7.60 lakhs. Based on the ToR, an Expression of Interest will be invited by the Director of Environment from the reputed and eligible consultants in the field.

**AGENDA ITEM No.09      Safe Disposal of oil spill waste in storage at Kamarajar Port proposed by Centre for Environment, Health & Safety, Annamalai University**

As the issue is pending for a long time, for want of suitable solutions, the Authority resolved to entrust the work to the Centre for Environment, Health and Safety, Annamalai University. The Authority also resolved to execute the work in co-ordination with Dr. Indhumathi, IIT Madras, Indian Oil Corporation (IOC) and the Tamil Nadu Pollution Control Board.

**AGENDA ITEM No.10**      **Implementation of CRZ (CRZ) Notification, 2019 issued by the MoEF&CC., GoI - deferred till the revision/updation of Coastal Zone Management Plans of Tamil Nadu, under the provisions of the CRZ Notification 2019.**

The Authority resolved to recommend and re-send the following four proposals to the Ministry of Environment, Forests and Climate Change, GoI subject to the terms and conditions stipulated in the 104<sup>th</sup> meeting of the TNSCZMA held on 27.02.2019.

- i) Four / Six/ Eight laning of Mamallapuram to Mugaiyur Section of NH-332A from KM. 0.000 to KM 31.000 under Bharathmala Pariyojana, Phase-I (Package-I) in Kancheepuram Dist.by National Highways Authority of India.
- ii) Four / Six/ Eight laning of Mugaiyur to Marakkanam Section of NH-332A from KM 31.000 to KM. 62.000 under Bharathmala Pariyojana, Phase-I, Package II, in Villupuram & Kancheepuram Dist. by National Highways Authority of India
- iii) Development of Rail Corridor at MIDPL Port Facility at Kattupalli Village, Ponneri Taluk, Tiruvallur District by Marine Infrastructure Developer Pvt. Ltd., Kattupalli, Tiruvallur district
- iv) Providing temporary walkways for the differently abled persons at Marina Beach of Triplicane and Mylapore Village, Mylapore Taluk, Chennai District proposed by the Greater Chennai Corporation.

The Authority also resolved to request all the stakeholder Departments to take action based on the approved CZMP as per the CRZ Notification 2011 along with the provisions of CRZ Notification 2011. Further, they may be requested that the implementation of CRZ Notification 2019 shall be effected only after the CZMPs of the Tamil Nadu are updated/revised under the provisions of CRZ Notification 2019.

**Addl.Agenda Item No.11(i):**      **Proposed construction of Lighthouse at S.No. 1219/6, Dhanuskodi Village, Rameswaram Taluk, Ramanathapuram District by Director of Lighthouse and Lightships, Chennai.**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forest and Climate Change, GoI., subject to the following specific conditions:

- a) There should not be any ground water extraction in CRZ.

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- b) Proper arrangements should be made for the disposal of the solid wastes and the sewage generated in the project area during construction period and a Waste Management Plan shall be implemented to avoid disturbances to the flora, fauna and Marine environment of the project area.
- c) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- d) The proponent shall get prior planning permission from the Director of Town and Country Planning.
- e) The project proponent shall undertake continual awareness programme for the visitors against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,
- f) All activities should be in conformity with the provisions of the CRZ Notification 2011.

**Addl. Agenda Item No.11(ii):**

**Proposed construction of compound wall for the development of Green belt in the existing Cancer Diagnostic, Treatment and Research Hospital-Cancer Institute (WIA) at Kottur Village, Guindy Taluk proposed by the Secretary, Cancer Institute, Adyar, Chennai**

The land belongs to the PWD and the Cancer Institute, Adyar, Chennai is only the lessee and the Works are proposed to be executed by the Greater Chennai Corporation. Hence the Authority resolved to request the Cancer Institute (WIA), Chennai to arrange to file application by the Greater Chennai Corporation, who is the executing agency, for the Clearance, along with the NOCs from the PWD, Cancer Institute, CRRT, Buckingham Canal Authority etc.,

**Addl. Agenda Item No.11(iii) : Golf Course Project Tamil Nadu by M/s. Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District - To retain in CRZ-III**

The Authority resolved to send a copy of the report received from the National Centre for Sustainable Coastal Management (NCSCM) to M/s. Sporting Pastime India Ltd., for furnishing their comments on the report, along with the documents available with them, evidencing that the physical features like, sand dunes, water bodies on the project site have been developed by them, as the essential to international Golf Course and not natural features.

Further the Authority resolved to send the reports of the NCSCM, recommendation of the District Coastal Zone Management Authority of Kancheepuram district together with the comments and document evidences of the Project Proponent to the Ministry of Environment, Forests and Climate Change, GoI, to consider their request to retain their project area as CRZ-III.

**Addl. Agenda Item No.11(iv) : Study Tour of Coastal areas for the staff members of Environment & Forests Department**

The Authority resolved to approve the proposal to conduct the field exposure trip to the selected staff and officers of the Environment Control Wing of the Environment and Forest Department, Secretariat and also who are dealing the related matters in the Department of Environment, so as to acquire better field exposure on Ecological Sensitive Areas and Coastal Regulation Zones.

2) The Authority requested the Member Secretary of the Authority to conduct the field exposure trip through Environment Management Agency of Tamil Nadu (EMAT) to Andaman-Nicobar islands or Kerala Coastal backwaters areas. Further the Authority resolved to permit the Member Secretary of the Authority to incur Rs.3,75,000/- (Rupees Three lakhs Seventy Five Thousand only) from the grants available under the State Coastal Zone Management Fund, towards necessary arrangements and logistics, in connection with the above field exposure.

.10.

GENERAL:

The Authority requested the Members of the Authority to identify suitable locations outside the Country having areas rich in biodiversity especially coastal areas and conservation and management of coastal areas, for visit and study the characteristics so as to formulate suitable proposals to implement in the State to enhance the divergence of the Eco-system.

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

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