

# 108<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 26.11.2019

Time: 04.00 P.M.

Venue:

Conference Hall, 2<sup>nd</sup> floor,  
Old Building, Secretariat,  
Chennai - 600 009

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

**108<sup>th</sup> MEETING**

**Date: 26.11.2019**

**Time: 04.00 P.M.**

**Venue:**

**Conference Hall, 2<sup>nd</sup> floor,  
Old Building, Secretariat,  
Chennai - 600 009**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.09.2019.**

The 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 26.09.2019 and the minutes were communicated in letter No. P1/2200/2018 dated 30.09.2019 (copy enclosed) of Director of Environment. It may be confirmed.

**MINUTES OF THE 107<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 26.09.2019**

**AGENDA ITEM No.01:** Confirmation of the minutes of the 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.07.2019.

The minutes of the 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.07.2019, communicated, to the Members of the Authority in letter No. P1/2200/2018 dated 31.07.2019 of the Director of Environment was confirmed.

**AGENDA ITEM No.02:** The action taken on the decisions of 106<sup>th</sup> meeting of the Authority held on 25.07.2019

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.07.2019. The Authority noted the action taken.

2) Further, as resolved in the 105<sup>th</sup> meeting of the Authority and as per the orders issued in the Government letter No. (D) 172/EC-3/2019 Environment & Forests (EC-3) Department dated 10.07.2019 and G.O. (Rt). No. 500 Environment & Forests (OP.1) Department dated 23.07.2019, a field exposure trip was conducted through the Environment Management Agency of Tamil Nadu (EMAT), to the staff/ officers of the DoE & Environment and Forest Department, Secretariat between 10.08.2019 and 14.08.2019. The Total expenditure incurred was Rs. 5.60 lakhs from the EMAT towards the field exposure trip. As approved already, a sum of Rs.3.75 lakhs, has already been settled to EMAT. As such the Authority resolved to permit the Member Secretary, Tamil Nadu State Coastal Zone Management Authority to settle the balance amount of Rs. 1.85 lakhs to EMAT, from the State Coastal Zone Management Fund account.

The Authority also resolved to depute the Members of the TNSCZMA, in two batches, to the European Countries such as Sweden, Denmark, Netherland and to the Great Barrier Reef, Australia to study the characteristics of the Coastal Eco-system, which are rich in bio-diversity so as to formulate suitable proposals to implement in the State to enhance the divergence of the Eco-system. The Authority requested the Expert Members to arrange for the modalities for the visit.

**AGENDA ITEM No.03**      **Construction of 30" OD Underground Natural Gas Pipeline of M/s. Indian Oil Corporation Ltd., from Ennore LNG Terminal situated inside Kamarajar Port Limited, Ennore, Tiruvallur district to Salavakkam Village, Uthiramerur Taluk, Kancheepuram district**

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

- a) Operation and maintenance of Pipeline should be monitored through Supervisory Control and Data Acquisition (SCADA) System round the clock. Dedicated Optical Fibre is to be provided for data and periodical inspection, monitoring should be done, as indicated in the Environment Management Plan.
- b) Sectionalizing Valves shall be provided as per the Population Density Index (PDI) classification and PNGRB guidelines and the same shall be managed properly.
- c) Under the Re-settlement and Rehabilitation, Compensation shall be provided as per legal and Government norms.
- d) The Project Proponent should certify that they have not yet commenced the work, in CRZ.
- e) NoC from the PWD should be obtained before the commencement of works in CRZ.
- f) Environmental related caution boards, especially indicating the Do's and Don'ts should be erected along the pipeline alignments at a fixed distances and also wherever necessary.
- g) The unit should always have the preparedness to meet the unforeseen events such as accidents, natural calamities etc.,
- h) The Project Proponent should remit half a percentage on the Total Project Cost to the Environment Management Agency of Tamil Nadu (EMAT), towards carrying out CER activities.

**AGENDA ITEM NO. 04**      **Construction of doubling of Railway Line between Existing Holding Yard No.1 at Ch.00m (Near Bridge No.5) to Entry of Container Rail Terminal Yard of M/s. Kamarajar Port Ltd., at Athipattu, Puzhuthivakkam and Ennore Village of Ponneri Taluk, Tiruvallur district**

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

- i. Planting should be done, with native species, in consultation with the District Forest Officer, Tiruvallur.
- ii. Top of the pile caps should be lower than the lowest LTL (Low Tide Line) of the water body.
- iii. NoC from the PWD should be obtained before the commencement of works in CRZ.
- iv. The Project Proponent should remit half a percentage on the Total Project Cost to the Environment Management Agency of Tamil Nadu (EMAT), towards carrying out CER activities.
- v. The construction of bridges, culverts and other activities should not affect the tidal free flow of water.

**AGENDA ITEM No.05**

**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 Superintending Engineer, Park Department, Greater Chennai Corporation, Chennai**

The Authority resolved to request the Greater Chennai Corporation to arrange to execute the Eco-restoration at the project site through the Chennai Rivers Restoration Trust (CRRT) under their existing Master Plan of Buckingham Canal restoration projects. If the Project Area is not under the purview of CRRT, the Authority resolved to request the Greater Chennai Corporation to furnish the following details:

- a) A scientific study showing the Carrying Capacity of the Buckingham Canal.
- b) The Technical report on the impact of the proposed construction of Compound Wall and other activities with reference to the flood.

**AGENDA ITEM No.06** Proposed construction of Warehouse storage building project proposed by M/s. MRF Limited at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur in T.S.No.3, 5/1A, 5/2A Block No.1 Ward No.1 of Thiruvottiyur, Thiruvottiyur Taluk, Tiruvallur District -change of built up area - amendment requested regarding.

The Authority resolved to amend the built-up area of the Project, as 29,542.16 sq.mts., instead of 29,515.80 sq.mts., subject to the existing specific conditions issued in the Clearances vide Proceedings No. P1/2327/2017 dated 12.02.2018 and vide Proceedings No. P1/1721/2019 dated 31.07.2019.

**AGENDA ITEM No.07** Proposed construction of packing of Dry Fish and Chilled Fresh Fish in the existing building at S.F. No. 144/10, Marakkanam (Thazhankadu village), Marakkanam Town Panchayat for Clearance under CRZ Notification 2011 proposed by M/s. GVD International Chennai.

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

- a) No extraction of Ground Water in CRZ area.
- b) ETP should be provided as assured in the Environment Management Plan and the treated effluent will be utilized for gardening purpose in the premises.
- c) Constructing the unit by providing solar lighting, water conservation measures, green live fencing, green belt etc.,
- d) The unit shall ensure the adequate safety precautions are provided for handling ammonia, if any, in the proposed activities.
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- f) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- g) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.

**AGENDA ITEM No.08** Proposed sub-division of residential property at Plot No. 13, Casuarina Drive, Kapaleeswaran Nagar 1<sup>st</sup> Main Road, Neelangarai, Chennai 600 115 in S.No. 92/201 of Neelangarai Village proposed by Thiru P. Amaranath Reddy, Chennai.

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

- a) Sub-division approval should be obtained duly from the Corporation of Chennai.
- b) Prior Planning permission should be obtained for the proposed constructions from the local authorities concerned and the proposed constructions should conform to the local town and country planning regulations as modified from time to time (i.e., as on date) except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.
- c) Constructions should be made only on the landward side of the existing road or on the landward side of existing authorized structure which are available on 19.02.1991.
- 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.09** Proposed sub-division of residential property at Plot No. 14, Casuarina Drive, Kapaleeswaran Nagar 1<sup>st</sup> Main Road, Neelangarai, Chennai 600 115 in S.No. 92/264 of Neelangarai Village proposed by Thiru P. Amaranath Reddy, Chennai.

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

- a) Sub-division approval should be obtained duly from the Corporation of Chennai.



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- b) Prior Planning permission should be obtained for the proposed constructions from the local authorities concerned and the proposed constructions should conform to the local town and country planning regulations as modified from time to time (i.e., as on date) except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.
- c) Constructions should be made only on the landward side of the existing road or on the landward side of existing authorized structure which are available on 19.02.1991.
- 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.10**      **Proposed construction of Lidar based Offshore structure for wind measurement at Zone C1 (Dhanuskodi Coast) & C2 (Valinokkam Coast) in Gulf of Mannar, Ramanathapuram district proposed by the National Institute of Wind Energy, Ministry of New and Renewable Energy, GoI.**

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

- a) The proponent shall ensure that project's installations and operations shall not affect the Gulf of Mannar Biosphere Reserve.
- b) The proponent shall ensure that the project location lie in non-coral bed area.
- c) The proponent shall ensure that the project shall not affect any existing fishing channel and the fishing activities of local fishermen in the proposed site.
- d) The proponent shall ensure that the establishment of project shall be completed in shortest possible time.

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

**ADDL. AGENDA ITEM No. 1: Establishment of Eco-restoration Park in the existing fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed by the Fisheries Department.**

The District Coastal Zone Management Authority, Kanyakumari district have forwarded a proposal for the Establishment of Eco-restoration Park in the existing fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed by the Fisheries Department for Clearance under CRZ Notification 2011.

2) The project site is an abandoned, manmade fish ponds, constructed adjacent to the Manakudy backwater (Kalimar Lake for culturing fish fingerlings). These water ponds receive water from Manakudy Oorani located East of the Project Area with continuous flow of fresh water and the outlet of the pond drains into Manakudi backwater (Kalimar Lake). The proposed site is situated in R.S. No. 807 in South Thamaraikulam revenue village at an extend of 15 acres. Under the proposal, the Fisheries Department have proposed to undertake the following major works besides some allied activities:

- i. Landscaping at 850 sq.mts.
- ii. Construction of Interpretation Centre.
- iii. Conservation of Mangroves.
- iv. Conservation of existing Pond.
- v. Construction of Bridge having 12 metre Vent size (Two Bay) for connecting the tow ponds.
- vi. Retaining Block for strengthening the bund at river side.
- vii. Concrete paver block along the road side berms between the bunds of ponds and road and the bunds and road side will be protected using concrete walls.
- viii. Deepening and strengthening the bund to increase water holding capacity
- ix. Energy conservation through solar power - providing 30 Nos. illumination lights.
- x. Walking Track over the bund for maintenance of the pond.
- xi. Fencing arrangements
- xii. Boat Jetty of 30 mts length.

3) As per the approved Coastal Zone Management Plan of Tamil Nadu under the CRZ Notification 2011, the Part of the Project Area is falling in CRZ-IA (Ecological Sensitive Area) due to the presence of Mangroves and another part of the Project Area is falling in the inter tidal zone CRZ-IB categorization.

4) Vide para 8 (i) I CRZ - I, no new construction is allowed in CRZ-IA Ecologically sensitive area. Further vide para 8 (i) CRZ-I B, (ii) (b) & (g), inter tidal zone, in the non-ecological sensitive area, construction of roads, jetties, erosion control measures may be carried out. The DCZMA of Kanyakumari district have recommended the project for Clearance and Government in G.O. (Ms) No. 426 Revenue and D.M. [D.M4(1)] Department dated 29.10.2018 have sanctioned Rs.4.50 Crores to implement the project activities.

5) As such, the Authority, resolved to Clear the proposal subject to the following specific conditions:

- a) The existing features of the project site should be conserved as an Eco-nature Park and should not be converted/ used for the recreational or entertainment activities.
- b) No activity shall be carried out in CRZ -I, Eco-sensitive area and in the 50 mts buffer zone around the Mangrove area except activities directly relate to the Conservation of Mangroves.
- c) The Project Proponent should not construct any new concrete structures such as Boat Jetty, Bridge, laying of Paver Block, constructing of Concrete Walls, Walking Track, interpretation Centre, in CRZ-I A and CRZ-IB areas.
- d) Landscaping is not allowed in CRZ area. Planting of native species may be done in consultation with Forest Department in CRZ area.
- e) No drawal of ground water in CRZ area.
- f) Deepening of pond and excavation of sand / dredging should not be carried out.
- g) Live fencing is only allowed.
- h) New Road should not be formed. The existing road may be strengthened.
- i) The walkway for maintenance of pond should be made with natural stones and the walkway should not be allowed for public utilities/ entertainment/ recreational activities.

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- j) Strengthening of bund shall be carried out without putting concrete walls / retaining walls.
- k) Wooden bridge may be constructed, if necessary, but without affecting free flow of water.
- l) Food court, canteen, restaurant and the like are not allowed in CRZ area.
- m) Dressing shall not be carried out for proving Car Parking.
- n) Existing boat jetty may be strengthened / repaired without any expansion.

6) The Authority also resolved to permit the Member Secretary, TNSCZMA to issue Clearance for the Project only after obtaining, due consent from the Project Proponent for the above specific conditions and also duly obtaining a HTL map of 1:4000 scale of approved CZMP map, from an authorized agency, duly superimposing the permissible activities to be carried out in the Project area

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 107<sup>th</sup> meeting of the Authority held on 26.09.2019**

Sl. No.	subject	Action taken
01	Construction of 30" OD Underground Natural Gas Pipeline of M/s. Indian Oil Corporation Ltd., from Ennore LNG Terminal situated inside Kamarajar Port Limited, Ennore, Tiruvallur district to Salavakkam Village, Uthiramerur Taluk, Kancheepuram district	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1679/2019 dated 03.10.2019. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 17099/EC-3/2019-1 dated 15.10.2019.
02	Construction of doubling of Railway Line between Existing Holding Yard No.1 at Ch.00m (Near Bridge No.5) to Entry of Container Rail Terminal Yard of M/s. Kamarajar Port Ltd., at Athipattu, Puzhuthivakkam and Ennore Village of Ponneri Taluk, Tiruvallur district	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1675/2019 dated 03.10.2019. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 17097/EC-3/2019-1 dated 16.10.2019.
03	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 Superintending Engineer, Park Department, Greater Chennai Corporation, Chennai	As resolved, the applicant has been requested to submit additional particulars, vide letter No.P1/ 778/2019 dated 03.10.2019. The applicant has submitted reply and the <b>proposal is placed vide Agenda Item No. 8</b>
04	Construction of Warehouse storage building project proposed by M/s. MRF Limited at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur in T.S.No.3, 5/1A, 5/2A Block No.1 Ward No.1 of Tiruvottiyur, Tiruvallur District - Change of built up area	As resolved, the amendment has been issued on built up area, vide Proc. No.P1/1729/2019 dated 03.10.2019
05	Proposed construction of packing of Dry Fish and Chilled Fresh Fish in the existing building at S.F. No. 144/10, Marakkanam (Thazhankadu village), Marakkanam Town Panchayat for Clearance under CRZ Notification 2011 proposed by M/s. GVD International Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2687/2018 dated 03.10.2019.

06	Proposed sub-division of residential property at Plot No. 13, Casuarina Drive, Kapaleeswaran Nagar 1 <sup>st</sup> Main Road, Neelangarai, Chennai 600 115 in S.No. 92/201 of Neelangarai Village proposed by Thiru P. Amaranath Reddy, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2026/2019-1 dated 03.10.2019.
07	Proposed sub-division of residential property at Plot No. 14, Casuarina Drive, Kapaleeswaran Nagar 1 <sup>st</sup> Main Road, Neelangarai, Chennai 600 115 in S.No. 92/264 of Neelangarai Village proposed by Thiru P. Amaranath Reddy, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2026/2019-2 dated 03.10.2019.
08	Proposed construction of Lidar based Offshore structure for wind measurement at Zone C1 (Dhanuskodi Coast) & C2 (Valinokkam Coast) in Gulf of Mannar, Ramanathapuram district proposed by the National Institute of Wind Energy, Ministry of New and Renewable Energy, GoI.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1839/2016 dated 03.10.2019. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 17098/EC-3/2019-1 dated 16.10.2019.
09	Establishment of Eco-restoration Park in the existing fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed by the Fisheries Department.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1741/2019 dated 31.10.2019. <b>The concurrence for Clearance is placed in Agenda Item No.11.</b>

**AGENDA ITEM No.03**      **Proposed Four laning of Villupuram - Puducherry - Cuddalore - Nagapattinam Section of NH-45A in the State of Tamil Nadu under NHDP Phase-IV proposed by National Highway Authority of India**

The National Highway Authority of India (NHAI), Villupuram has requested Clearance under CRZ Notification 2011 for the proposed Four laning of Villupurm - Puducherry - Cuddalore - Nagapattinam Section of NH-45A in the State of Tamil Nadu / Union Territory of Puducherry under NHDP Phase-IV from Km 00.000 (Design Ch.0.000) to Km 194.000 (Design Ch.180.620) of NH-45A in the State of Tamil Nadu and Puducherry (in 3 packages).

2) The project proponent has stated that the project road starts at existing KM 0.000 of NH-45A at Villupruam and ends at existing KM 194.000 of NH-45A at Nagapattinam. The total existing length of the project road is 194 km. The packages details are given below.

3) The Package-I is from Villupuram Bypass to Poondiankuppam Village in 67 km, Package-II is from Poondiankuppam Village to end of Sirkazhi bypass in 56.800 km and Package-III is from the end of Sirkazhi bypass to Nagapattinam in 56.764 km.

**Package 1** : Villupuram (km 0.000) to Poondiyankuppam (67.000) at Villupuram and Cuddalore district of Tamil Nadu and Puducherry district of Puducherry UT. There is **one** location i.e. Nathapattu Village, Cuddalore district falls in CRZ-IB & CRZ-III

**Package 2** : Poondiyankuppam (Km 67.000) to Allivilagam (Km 123.800) at Cuddalore and Nagapattinam district of Tamil Nadu. There are **five** locations in Cuddalore district fall in the CRZ area i.e. Thiruchchopuram, Puvankuppam and Erukankattupadugai Villages are falls in CRZ-IB & CRZ-III, Andarmullippallam Village falls in CRZ-III and Mutlur Village falls in CRZ-IB, CRZ-II and CRZ-IVB areas.

Apart from the above, **three** locations in Nagapattinam district fall in CRZ area i.e. Gopalamuthiram Village falls in CRZ-IB & CRZ-III, Sirkazhi & Sattanathapuram Villages falls in CRZ-II, CRZ-III and CRZ-IVB and Sattanathapuram & Karaimedu Villages falls in CRZ-III and CRZ-IVB.

**Package 3** : Allivilagam (km 123.800) to Nagore & Nagapattinam Bypass (km 180.620) at Nagapattinam district of Tamil Nadu. There are **six** locations in Nagapattinam district fall in the CRZ area i.e. Karaimedu Village falls in CRZ-IB, CRZ-III and CRZ-IVB, Kalamanallur & Tirukkadaiyur Villages are falls in CRZ-IB and CRZ-III, Erukkattancheri Village is falls in CRZ-IB and CRZ-III, Poraiyar and Kattuchcheri (Tevanur) Villages are falls in CRZ-IB and CRZ-III, Panangudi Village is falls in CRZ-III and CRZ-IVB and Palaiyur Village is falls in CRZ-IB and CRZ-III.

4) In the said proposal, the NHAI is proposed to construct Vehicular Underpass (VUP), Light Vehicular Underpass (LVUP), Grade & Grade separated junctions, Rail Over Bridges, Major and Minor bridges, Culvert, Toll Plaza etc., The design speed of the road is 80-100 kmph. The total project cost for the road project is Rs.3987 crores. The proposal involves right of way varies from 15m to 40m. Further a "Tree Plantation Strategy" has been furnished by the project proponent. However the details of existing trees to be felled have not been furnished.

5) The DCZMA for Cuddalore district has recommended the proposal to TNSCZMA with the following remarks.

1. Executive Engineer, PWD/WRO, Chidambaram suggested to obtain hydraulic discharge details of the rivers from PWD, WRO before designing the major bridge / minor bridge and re-designing the existing bridges so as to enable free flow of water in the rivers.
2. Division Engineer, Highways, Cuddalore suggested the following points to be taken care of while finalizing the DPR
  - i) Connectivity to customs road in the proposed highway.
  - ii) Connectivity to Pondicherry
  - iii) Vehicular under pass and service road to all State highways and major district road intersections.
  - iv) The previous flood time breach locations in the NH-45A have to be taken care of.
  - v) The inundation in the Chidambaram bypass road at flood time has to be cleared by providing sufficient vent way as recommended by State PWD.
- 6) The four lane alignment in Villupuram does not falling in CRZ areas.

7) The DCZMA for Nagapattinam district has also recommended the proposal to TNSCZMA with the following conditions.



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- a) The Assistant Executive Engineers, PWD/WRO, Myladuthurai and Thiruthuraipoondi suggested for obtaining discharge details of the rivers and drainage canals from PWD, WRO before designing the major bridge / minor bridge and re-designing the existing bridges so as to enable free flow of water in the rivers and drainage canals.
- b) All the existing and proposed pipe culverts shall be converted into box culverts to avoid flooding on the road sides.
- c) Proper permission has to be obtained from Forest Department and Revenue Department to cut the trees on the proposed project alignment areas.

8) The proposal has been placed before the 97<sup>th</sup> meeting of the TNSCZMA held on 29.11.2017 and the Authority resolved to request the following documents from the Project Proponent.

- a) The HTL demarcation map, as per the approved Coastal Zone Management Plan, from an authorized agency, approved by GoI may be furnished.
- b) If additional locations/ stretch of alignment is falling in CRZ, as per the revised mapping, the details of the Environmental Impact Assessment along with the mitigation / Management Plan to counter the adverse impact may be furnished.
- c) As the road alignment is falling in CRZ-IB (inter-tidal zone) and CRZ-IV (B) (water area), the tidal flow mathematical models or any stimulation models to be furnished to ensure free tidal flow of water, due to the proposed constructions.
- d) An action plan consisting the details viz., actual number of trees to be routed, the proposed number of trees to be planted, the details of species of trees to be planted, the condition of survival of tree species and survival expected to be furnished.
- e) A detailed report on the carbon emission and carbon sequestration in commensurate with the proposed vehicular traffic and the tree plantation shall be furnished.

9) Now, the Project Proponent has submitted the Compliance report along with the revised HTL demarcation map prepared as per the CRZ Notification, 2011, vide letter dated 08.11.2019.

10) As per CRZ Notification 2011, vide para 8 (i) 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 (i) III CRZ III (A) (iii) (j) and (B) (viii) of the said notification, the above activities are permissible activities in CRZ-III. However, the said project attract the provisions of EIA Notification 2006 as "A" Category project, it requires Clearance from the MoEF&CC., GoI vide para 4 (ii) (a) of CRZ Notification 2011.

11) The Authority may consider.

**AGENDA ITEM NO. 04 Setting up of 5 MLD Capacity Desalination Plant at S.No.394, Port Trust, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District by the V.O. Chidambaranar Port Trust, Thoothukudi**

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal received from the V.O. Chidambaranar Port Trust, Thoothukudi for the proposed setting up of 5 MLD Capacity Desalination Plant at S.No.394, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District.

2) In order to meet the water supply requirements of the Port the V.O. Chidambaranar Port Trust, Thoothukudi have proposed to setting up of a Desalination Plant with 5 MLD Capacity at an estimated cost of Rs.88.11 crores at S.No.394, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District.

3) The proposed project area lies near to the existing storage tank of VOC Port Trust. Based on the land area of 15 acres allocated by VOC Port Trust nearer to the Overhead tank, an area measuring 3.3 acres of land has been selected for locating the desalination plant. The location of intake / outfall is  $78^{\circ}10' 48.34''$  E,  $8^{\circ}44' 27.86''$  N /  $78^{\circ}10' 45.57''$  E,  $8^{\circ}44' 37.23''$  N. The proposed plant is proposed 2 trains of 2.5 MLD Sea Water Desalination Reverse Osmosis Technology followed by Brackish Water Reverse Osmosis Desalination Technology with membrane based Ultrafiltration pre-treatment system. The total sea water drawn is 14.14 MLD and that the brine discharge will be 9.14 MLD and it will be treated via Lamella Clarifier and disposed into the sea.

4) The intake pipeline is of 1,250m length with 500mm diameter and the outfall pipeline shall be of 1050m length and 300 mm diameter. The intake well will be at (-) 3.8m Chart Datum (CD). The brine outfall will be at (-) 3.5m CD. The distance between Intake Head and CRZ-IA area is 1520.1m and distance between Outfall Diffuser to CRZ-IA area is 1427.8m.

5) The proposed project site falling in CRZ-II, CRZ-I(B) and CRZ-IV(A). The DCZMA has recommended the project to SCZMA with the following 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) 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      Setting up of a 60 MLD Capacity Desalination Plant at Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by the State Industries Promotion Corporation of Tamil Nadu (SIPCOT).**

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal proposed by the State Industries Promotion Corporation of Tamil Nadu (SIPCOT) for Clearance under CRZ Notification, 2011 for the proposed setting up of a 60 MLD Capacity Desalination Plant at Mullakadu Village, Thoothukudi Taluk, Thoothukudi District.

2) In order to meet the water supply requirements, the SIPCOT proposed to establish a Desalination Plant of 60 MLD Capacity at an estimated cost of Rs.634 crores. The total land area available is 5 hectares at Mullakadu Village, Thoothukudi district owned by the District Administration and the project proponent has obtained Enter Upon Permission from the District Administration.

3) The proposed Plant as a Sea Water Desalination Reverse Osmosis Technology will consist of Sea water intake, pretreatment system, Reverse Osmosis Plant, Post Treatment, Chemical System, Water Storage & Transfer, Sea water Outfall etc., The seawater intake point will be located at the selected distance of 1200m from the shore at 4.4m CD (Chart Datum) water depth. The intake pipeline will be made up of High-Density Polyethylene (HDPE) material with 1100mm dia and it will be buried below seabed. The outfall diffuser will be located at 5000m distance from the shoreline at a water depth of 8.6m CD. The outfall pipeline will be laid on the seabed where the top of pipeline will be buried 1.0m below the seafloor. The intake volume is 148.62 MLD and the brine discharge will be 88.27 MLD. The length of intake and outfall pipelines will be 1575.07 mts. and 5405.59 mts. respectively. The location of intake / outfall is 78°10' 20" E, 8°44' 09" N / 78°12' 06" E, 8°43' 01" N.

4) The District Environmental Engineer, Thoothukudi has informed that the site for the facility is presently vacant and that no work related to the establishment was found commenced. As per the approved CZMP, the project and the pipeline passes through CRZ-II, CRZ-IB and CRZ-IV areas.

5) The solid waste shall be collected and disposed as per the Solid Waste Management Rule 2016. The liquid waste including brine shall be collected in a sludge pit / holding tank and disposed off through the outfall. The desalinated water will be transferred from Desalination plant to SIPCOT industrial estate by pipeline.

6) The DCZMA, Thoothukudi district have recommended the project to the SCZMA, subject to the following conditions.

- a) All the provisions of the CRZ Notification, 2011 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, 2011 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) 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 Expert Agencies.
- e) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- f) 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.
- g) 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.,
- h) 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.,

7) As per CRZ Notification 2011, vide para 4 (i) (a), para 8 (i) 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.

8) The Authority may consider.

**AGENDA ITEM No.06**      **Construction of three numbers 0.60m dia Pipelines from Ennore Coastal installation to Ennore Tank Truck Pvt. Ltd., / MLT2 Terminal with a branch to Earth Retaining Structure of M/s. Kamarajar Port Limited by M/s. Bharat Petroleum Corporation Ltd.**

M/s. Bharat Petroleum Corporation Ltd., has proposed to lay three numbers 0.60m dia Pipelines from Ennore Coastal installation to Ennore Tank Truck Pvt. Ltd., / MLT2 Terminal with a branch to Earth Retaining Structure of M/s. Kamarajar Port Limited, at Athipattu, Ponneri Taluk, Tiruvallur district. The pipeline will be laid underground in entire stretch at minimum 1.5m above top of pipe. The pipeline will be laid under railway crossing, road crossing, waterbody crossing (Kosasthalayar River and Buckingham Canal) by Horizontal Direction Drilling (HDD) method. The pipeline is externally coated with 3 Layer Polyethylene Coating (LPE) to prevent corrosion and it is protected with Cathodic protection.

2) The total length of the pipeline is 8.845 km with 3 Nos. of pipelines. The diameter of the pipeline is 0.6 mts. and the space between the each pipeline is 0.3 mts. The material viz., Motor Spirit (MS), High Speed Diesel (HSD) and Aviation Turbine Fuel (ATF) will be transported through the proposed pipeline line. The pipeline design and the standard is API 5L X 52 and ANSI B 16.5.

3) The pipeline originating from BPCL Ennore Coast Installation and traverse through the Kamarajar Port area in Tiruvallur district upto to Ennore Tank Truck Pvt. Ltd., exchange pit with branch lines upto ERS (Earth Retaining Structures). The Right of Way (RoW) is 6 mts. wide for the total 8.845 km of pipeline has been applied to Kamarajar Port Limited.

4) The project is falling in CRZ-IA, CRZ-IB, CRZ-II and CRZ-III (No Development Zone) and CRZ-IVB and non-CRZ area. Thus, the total length of the proposed pipeline is about 8.845 KM out of which 4.810 KM falls in CRZ area. The project cost is Rs.25 crores and Rs.77 crores with reference to the CRZ & non-CRZ areas respectively.

5) The sewage generated during construction phase will be disposed to Septic Tank and excavated material generated will be totally reused in backfilling. Other waste as glass, paper and metal etc., will be sold to recycler and other inert waste will be disposed off through local facility.

6) The total water requirement during construction will be 3 KLD, which includes 0.5 KLD for domestic use and 2 KLD for construction work. The water requirement will be met out through tankers. The estimated power requirement, taking all the requirements of power for conveyors, equipment and illumination including future requirements, which will be 15 kVA met through TNEB / DG Set in case of emergency.

7) The DCZMA for Tiruvallur District has recommended the proposal to SCZMA in the meeting of the DCZMA held on 20.09.2019

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

9) The Authority may consider.

**AGENDA ITEM No.07**

**Establishment of Conveyance System (pipeline), Pumping Stations, Sewage Treatment Plant (STP) in the Underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelvelur Taluk, Nagapattinam District by Velankannai Special Grade Town Panchayat**

The District Environmental Engineer, Nagapattinam has forwarded a proposal for the establishment of Conveyance System (pipeline), Pumping Stations, Sewage Treatment Plant (STP) in the Underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelveur Taluk, Nagapattinam District.

2) The proposal is contains 1 No. of STP, 2 Nos. of Pumping Stations, 714 Nos. of Manhole, 2.7 km length of Pumping main, 19.94 km of Sewer Collection System and 2280 Nos. of House Service Connections.

3) Out of above, 2 Nos. of Pumping Stations, construction of manhole in 170 Nos., 542 Nos. of House Service Connection, laying of Sewer Collection System at the length of 6447.66m and 495.10m length of Pumping Main, 46.10m of laying of outfall pipeline to discharge the excess treated sewage after reuse, are falling in CRZ area.

4) The part of the pumping main connecting the pumping station to STP will cross the CRZ-IB. The pipeline will be laid along the existing service bridge. The outfall pipeline of length 10.96m will fall in CRZ-IB where it gets connected to Vedaranyam Canal.

5) The STP is proposed, based on the Extended Aeration Sludge Process (EASP) technology with the capacity of 2.33 MLD. The treated sewage is proposed to be utilized and disposed for maintenance of parks, garden and developing landscape, emergency purposes like firefighting, to find users like hotels, agricultural purposes and the excess treated sewage will be disposed into Vedaranyam Canal.

6) During operation of the project, the sewage generated will be treated in scientifically designed STPs and reused. After reuse, excess treated sewage will be disposed into the treated sewage will be disposed into the Vedaranniyam Canal / Kazhugu Kulam. The STP is located in non-CRZ area, Sludge generated from STP will be treated, dried and will be utilized as soil conditioner or disposed off at a town dumping yard situated about 2km away from the town.



7) The fresh water about 20-30 KLD will be required during the peak construction phase and it will be sourced through private tankers arranged by the contractors. The power requirement of Operation & Maintenance of the Pumping Stations (2 Nos.) will be met through TNEB. The DG Set will be installed in STP (outside CRZ) as a power backup source for continuous operation of STP and the adequate Stack height with acoustic enclosure will be provided as control measures as per the CPCB norms.

8) The proposed project is falling in CRZ-IB and CRZ-II areas and project cost is Rs.4.43 crores. The DCZMA for the Nagapattinam district has recommended the proposal to the TNSCMA subject to one of the condition that the project proponent shall obtain necessary permission from PWD for disposal of excess treated sewage into Vedaranyam Canal.

9) As per CRZ Notification 2011, vide para 3 (v) (a) & 3 (vi), discharge of treated effluents into the water course is permissible activities; Further, as per para 8 (i) I CRZ-I (i)(b), the above activities are also permissible activities. However as per para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change, GoI.

10) The Authority may consider.

**AGENDA ITEM No.08** 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 Superintending Engineer, Park Department, Greater Chennai Corporation, 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.
- 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) The proposal has been placed before the Authority in 105<sup>th</sup> meeting held on 21.05.2019 and 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.,

5) The Superintending Engineer, Park Department, Greater Chennai Corporation has submitted the proposal, vide letter dated 17.09.2019. The Public Works Department issued permission in G.O. Ms. No.119, Public Works (K2) Department, dated 10.06.2015.

6) The proposal has again placed before the TNSCZMA in 107<sup>th</sup> meeting held on 26.09.2019 and the Authority resolved to request the Greater Chennai Corporation to arrange to execute the Eco-restoration at the project site through the Chennai Rivers Restoration Trust (CRRT) under their existing Master Plan of Buckingham Canal restoration projects. If the Project Area is not under the purview of CRRT, the Authority resolved to request the Greater Chennai Corporation to furnish the following details:

- a) A scientific study showing the Carrying Capacity of the Buckingham Canal.
- b) The Technical report on the impact of the proposed construction of Compound Wall and other activities with reference to the flood.

7) The Project Proponent has submitted the details vide letter dated 20.11.2019 (copy enclosed).

8) 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.

9) The Authority may consider.

**AGENDA ITEM No.09**

**Proposed construction of extension of Passenger Jetty nearby Vivekananda Memorial Rock at Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district by Tamil Nadu Maritime Board, Chennai**

The Tamil Nadu Maritime Board has proposed to construct extension of Passenger Jetty nearby Vivekananda Memorial Rock at Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district. The project is envisaged to extend the existing Jetty additionally 100m length and for a width of 8m to facilitate the increased level of navigation of passenger ferries. They proposed to incorporate a Groyne of 140m to safeguard the Jetty with respect to coastal safety and erosion. The extension of Jetty is for providing safe sailing to the tourists who venture from coastline to Vivekananda Memorial Rock and Ayyal Valluvan Statue.

2) The existing jetty is 37m of length and having a width of 8m. The deck level of existing jetty is (+) 2.1m CD. The bed level at the location of existing berth and rock is approximately (-) 3.5m CD. The proposed Groyne will be extended upto 140m length and bed level of (-) 4.0m CD and (-) 4.5m CD average is assumed for the design of Groyne. The crest level is proposed as (+) 6m and deck level of the new jetty is kept at the same level of existing jetty.

3) The proposed extension of Jetty for a length of 100m and 8m wide is to provide the facility for berthing of passenger boats. A protective groynes is proposed strategically for a length of 140m to protect the jetty from erosion and wave action. The construction material for the Groyne is rubble mound stones, Tetrapod armor unit and Precast concrete blocks.

4) The operation time of the ferry is from 8 am to 4 pm and most of the days especially during tourist season queue at the counter will be about one to one and a half kilometer long. During the peak season, when the counter closes at 4 pm there will be atleast 2000 people waiting at the counter.

5) Indian Port Association (IPA) has taken up steps to resolve the issue by extending the passenger jetty at Vivekananda Rock so that two more vessels can be berthed thereby increasing the number of ferry services and thus making more facilities for the people to visit the Vivekananda rock without much waiting time.

6) The Geo location of the project is 08° 04' 42.93" N and 77° 33' 17.55" E and the site is falling in CRZ-IB & CRZ-IV areas. The proposed project cost of the project is Rs.20 crores. The DCZMA for Kanyakumari district has recommended the project to SCZMA in the 83<sup>rd</sup> meeting of the DCZMA held on 05.09.2019.

7) As per CRZ Notification 2011, vide para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities. However, vide para 3 (ix) and (xiii) of the said Notification, reclamation, altering the hills, landscape changes for beatification, recreations and entertainment activities are prohibited activities. Further, there is no specific provision to Clear such project by the SCZMA under Para 8 (i) IV CRZ (IV) of the CRZ Notification, 2011 and have requires Clearance from MoEF & CC, Govt. of India.

8) However, in Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT issued instructions to prepare a Comprehensive Shoreline Protection Management Plan / Scheme for the entire coast of Tamil Nadu especially with reference to erection of Groynes, sea walls and training walls etc., and hence the said works should be carried out on the approval of the said plan from the competent authority. The TNSCZMA has prepared Comprehensive Shoreline Protection Management Plan by engaging IIT, Madras and the copies of the said plan has been submitted to MoEF & CC, Govt. of India for approval and the Hon'ble NGT (SZ) and are awaited.

9) Further the Hon'ble NGT (SZ) has issued orders in Application 4 of 2013 on 4<sup>th</sup> September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal.

10) The Authority may consider.

**AGENDA ITEM No.10**      **Expansion of additional Storage tanks 12 Nos. and 1 No. of Hot Water Generator (6 LKC) in the existing Storage Transit Terminal at No.18/19, New Ennore Express High Road, Thiruvottiyur Village, Ambattur Taluk, Tiruvallur district by M/s. K.T.V. Oil Mills Private Ltd., Chennai.19**

The District Environmental Engineer, TNPCB, Chennai district has forwarded a proposal received from M/s. K.T.V. Oil Mills Private Ltd., Thiruvottiyur, Chennai for the proposed expansion of additional Storage tanks 12 Nos. and 1 No. of Hot Water Generator (6 LKC) in the existing Storage Transit Terminal at No.18/19, New Ennore Express High Road, Thiruvottiyur Village, Ambattur Taluk, Tiruvallur district.

2) M/s. KTV Oil Mills Pvt. Ltd., have obtained CRZ Clearance for the laying of pipeline for 5.2 KMs. for the transfer of Edible Oil from Chennai Port to Transit Storage Terminal and establishment of 13 Nos. of Storage Transit Terminal with a total capacity of 51,830 KL at Thiruvottiyur Village, Tiruvallur District from MoEF & CC, Govt. of India vide letter F.No.11-4/2017-IA.III dated 12.07.2017.

3) Now, the Project Proponent has proposed for the expansion by adding 12 Nos. of Storage Tanks having the total capacity of 30,313 KL consisting of 883 KL (4 Nos.), 1571 KL (2 Nos.), 3534 KL (1 No.) and 4021 KL (5 Nos.) for handling and transit storage of Food grade Vegetable oil. The project proponent has also proposed to establish 1 No. of Hot Water Generator with a capacity of 6 Lakh Kilo calories for bottom oil heating purpose.

4) The existing water requirement is about 1.0 KLD and no addition water requirement for the operational purpose. The power requirement is being met from Chennai Port Trust for pumping the edible oil from berth to storage tanks. During operations of the transit storage terminal, the power requirement is 80 HP including lighting which is getting from TNEB. Additionally 64 HP power required for 1 No. of Hot Water Generator (6 LKC ). Total power requirement after expansion is 144 HP. Backup power existing is 1 No. of 110 KVA DG Set. Additional requirement of backup power will be met from 1 No. of 63 KVA DG Set. The domestic waste water generator in the terminal is treated in the septic tank and disposed into the public sewer line. No effluent is generated from process / storage.

5) The proposed expansion is falling in CRZ-II and the total size of the project is 4 Acres. The total project cost of the project is Rs.4.90 crores. The DCZMA for CMDA Areas has recommended the proposal to SCZMA with the following conditions.

- a) The applicant should utilize the tanks at the project site only as transit terminal.
- b) The construction of transit tanks shall satisfy the prescribed standard norms.
- c) The transit tanks should be used for the transit of edible oil only.
- d) 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.
- 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 area.
- g) Under Corporate Social Responsibility, the unit shall explore the possibilities of allocation of funds for preserving ecology and environment.
- h) The applicant shall obtain consent under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- i) The unit shall comply with the Environment Management Plan suggested both during construction and operational phases.
- j) The unit shall establish the facility only after obtaining CRZ Clearance and CTE of the TNPCB.
- k) This site is not a notified port under Section 8 ii(vi).
- l) The unit shall submit the following details to the TNSCZMA
  - i) The design parameters of the existing pipeline to handle the expansion quantity of edible oil from the berth to the transit storage tanks and within the transit tanks.
  - ii) To submit details on the total storage facility of tanks outside Project site and storage capacity of transit storage tanks in CRZ, at the project for which clearance is sought for.

6) The Project Proponent has submitted the details for the above queries to TNSCZMA (copy enclosed).

7) 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; Vide para 3 (ii) (a) & (b) of CRZ Notification 2011, transfer of hazardous substances from ships to ports, terminals and refineries and vice versa; facilities for receipt and storage of petroleum products and liquefied natural gas, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, is permissible activity in CRZ area (other than CRZ-I (A) ecologically sensitive areas). Under Para 8 (i) II CRZ-II of the CRZ Notification, 2011, the TNSCZMA may clear the proposal if the project site is falling in the Notified Port. However, the DCZMA has mentioned that the unit is not a Notified Port and have requires Clearance from MoEF & CC, Govt. of India.

8) The Authority may consider.



**AGENDA ITEM No.11: Proposed establishment of Eco-Conservation Activities in the existing estuarine fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed the by Assistant Director of Fisheries, Nagercoil**

The District Coastal Zone Management Authority, Kanyakumari district have forwarded a proposal for the Establishment of Eco-restoration Park in the existing fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed by the Fisheries Department for Clearance under CRZ Notification 2011.

2) The proposal was placed before the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.09.2019 and the Authority, resolved to Clear the proposal subject to certain specific conditions:

3) The Authority also resolved to permit the Member Secretary, TNSCZMA to issue Clearance for the Project only after obtaining, due consent from the Project Proponent for the above specific conditions and also duly obtaining a HTL map of 1:4000 scale of approved CZMP map, from an authorized agency, duly superimposing the permissible activities to be carried out in the Project area.

4) The project proponent has submitted the HTL Demarcation map duly superimposing the project features and assured to accepted to adhere the conditions stipulated above in their letter dated 21.10.2019 & 29.10.2019. Hence, as resolved in the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.09.2019, Clearance has been issued under para 3(iv)(a)(c), 4(i)(a), 8(i) I CRZ-I (ii)(g) of the CRZ Notification 2011 for the above project, subject to the following specific conditions in Pro.No.P1/1741/2019 dated 31.10.2019 of the Member Secretary, TNSCZMA.

- a) The existing features of the project site should be conserved as a Eco-nature park and should not be converted/ used for the recreational or entertainment activities.
- b) No activity shall be carried out in CRZ - I- Eco-sensitive area and in the 50 mts buffer zone around the Mangrove area except activities directly relate to the Conservation of Mangroves.
- c) The Project Proponent should not construct any new concrete structures such as Boat Jetty, Bridge, laying of Paver Block, constructing of Concrete Walls, Walking Track, interpretation Centre, in CRZ-I A and CRZ-IB areas.

- d) Landscaping is not allowed in CRZ area. Planting of native species may be done in consultation with Forest Department in CRZ area.
- e) No drawal of ground water in CRZ area.
- f) Deepening of pond and excavation of sand / dredging should not be carried out.
- g) Live fencing is only allowed.
- h) New Road should not be formed. The existing road may be strengthened.
- i) The walkway for maintenance of pond should be made with natural stones and the walkway should not be allowed for public utilities/ entertainment/ recreational activities.
- j) Strengthening of bund shall be carried out without putting concrete walls / retaining walls.
- k) Bridge may be constructed, if necessary, but without affecting free flow of water and shall be constructed only outside CRZ-IA Eco sensitive area.  
  
(As the Project Proponent has shifted the construction of the bridge from Eco-sensitive CRZ-IA area to CRZ-IA Intertidal Zone area, authenticated by the HTL map of Institute of Remote Sensing, Anna University, construction of bridge has been allowed instead of wooden bridge)
- l) Food court, canteen, restaurant and the like are not allowed in CRZ area.
- m) Dressing shall not be carried out for proving Car Parking.
- n) Existing boat jetty may be strengthened / repaired without any expansion.

5) The above details are furnished for the concurrence of the Authority.

**AGENDA ITEM No.12: Establishment of Fish Curing Unit at S.F. No.459/5, Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari district Unit proposed by M/s. Gladson Exporters.**

The District Coastal Zone Management Authority, Kanyakumari district has forwarded a proposal for Clearance under CRZ Notification, 2011 for the proposed Fish Curing Unit at S.F. No.459/5, Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari district, proposed in the name of M/s. Gladson Exporters & Unit II.

2) The subject was placed before the meeting of the DCZMA for Kanyakumari district held on 13.09.2017 and the DCZMA has recommended the project to SCZMA as per the CRZ Notification, 2019. As per the instructions of the Member-Secretary, TNSCZMA, the project proponent has again submitted fresh application to DCZMA, with a request to consider the application. The Convener, DCZMA, Kanyakumari district has mentioned that the unit is not a fish processing unit and the raw fishes are first chilled, graded (weight wise) and packed for dispatching. The proposed unit will be established with a total built up area of 612.65 sq.mt., and the height of the proposed structure is 15 fts. The proposed cost of the project is Rs.44.50 lakhs.

3) The Deputy Director of Town and Country Planning, Tirunelveli has informed that the site is located in CRZ-III in No Development Zone (NDZ) as per the approved CZMP and the DCZMA have recommended the project to SCZMA in the 83<sup>rd</sup> meeting held on 05.09.2019.

4) As per the CRZ Notification 2011, vide para 3, (iii) "Setting up and expansion of fish processing units including warehousing is prohibited activity". However, "facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, ice plant, ice crushing units, fish curing facilities and the like" were permissible activities in CRZ-III-No Development Zone, as per CRZ Notification 2011, vide para 8 III (iii) (I).

5) The Authority may consider.

**AGENDA ITEM No.13: Any other subject with the permission of the Chair.**

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 108<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 26.11.2019**

**AGENDA ITEM No.01:** Confirmation of the minutes of the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.11.2019.

The minutes of the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.09.2019, communicated, to the Members of the Authority in letter No. P1/2200/2018 dated 30.09.2019 of the Director of Environment was confirmed.

**AGENDA ITEM No.02:** The action taken on the decisions of 107<sup>th</sup> meeting of the Authority held on 26.09.2019

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 107<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 26.09.2019. The Authority noted the action taken.

**AGENDA ITEM No.03** Proposed Four laning of Villupuram - Puducherry - Cuddalore - Nagapattinam Section of NH-45A in the State of Tamil Nadu under NHDP Phase-IV proposed by National Highway Authority of India

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

- i. Planting should be done, with native species, in consultation with the District Forest Officer, Tiruvallur. Proper permission has to be obtained from Forest Department and Revenue Department to cut the trees on the proposed project alignment areas.
- ii. The Plantation should be carried out in such a way that the Carbon emission and Carbon Sequestration is in commensurate with the proposed vehicular traffic. Only the native species should be planted.
- iii. The demand with the details of the plantation should be intimated in advance to the Forest Department so as to enable to supply the plants, adequately, by forming Nurseries exclusively.

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- iv. The existing trees to be removed should be carefully studied and the possibilities of tree-transplantation shall be explored.
- v. The design of the alignment is to be made based on the vehicular traffic, type of vehicles, sensitive area etc.,
- vi. NoC from the PWD should be obtained before the commencement of works in CRZ.
- vii. The construction of bridges, culverts and other activities should not affect the tidal free flow of water. Discharge details of the rivers and drainage canals from PWD, WRO should be checked before designing the major bridge / minor bridge and re-designing the existing bridges so as to enable free flow of water in the rivers and drainage canals.
- viii. Top of the pile caps of the bridges should be lower than the lowest LTL (Low Tide Line) of the water body.
- ix. All the existing and proposed pipe culverts shall be converted into box culverts to avoid flooding on the road sides.
- x. The inundation in the Chidambaram bypass road at flood time has to be cleared by providing sufficient vent way as recommended by State PWD.
- xi. The Project Proponent should remit two percentage on the Total Project Cost towards carrying out CER activities, to the Environment Management Agency of Tamil Nadu (EMAT), Department of Environment, Saidapet, Chennai.15.

**AGENDA ITEM NO. 04    Setting up of 5 MLD Capacity Desalination Plant at S.No.394, Port Trust, Mullakadu Part-I Village, Thoothukudi Taluk, Thoothukudi District by the V.O. Chidambaranar Port Trust, Thoothukudi**

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

- i. The Project Proponent should construct the Desalination Plant outside CRZ area i.e., 500 mts away from the HTL of the sea, as assured during the Authority meeting.

- ii. All the provisions of the CRZ Notification, 2011 shall be adhered with.
- iii. 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, 2011 and other statutory clearances.
- iv. 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.
- v. 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.
- vi. 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.
- vii. The intake and outfall pipelines should not be on the corals or sea grass beds.
- viii. The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- ix. 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.
- x. 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.,

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- xi. 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.,
- xii. The Project Proponent should remit half a percentage on the Total Project Cost to the Environment Management Agency of Tamil Nadu (EMAT), Department of Environment, Saidapet, Chennai.15, towards carrying out CER activities.
- xiii. The Project Proponent should carryout third party independent assessment through a reputed agency such as Suganthi Devadason Marine Research Institute, Thoothukudi to assess the impact of flora & fauna due to the implementation of the above project, periodically at-least once in six months and report the fact to the Forest and Environment Departments.

**AGENDA ITEM No.05      **Setting up of a 60 MLD Capacity Desalination Plant at Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by the State Industries Promotion Corporation of Tamil Nadu (SIPCOT).****

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

- i. All the provisions of the CRZ Notification, 2011 shall be adhered with.
- ii. 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, 2011 and other statutory clearances.
- iii. 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.
- iv. 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.



- v. 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 Expert Agencies.
- vi. The intake and outfall pipelines should not be on the corals or sea grass beds.
- vii. The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- viii. 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.
- ix. 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.,
- x. 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.,
- xi. The Project Proponent should remit half a percentage on the Total Project Cost to Environment Management Agency of Tamil Nadu (EMAT), Department of Environment, Saidapet, Chennai.15, towards carrying out CER activities.
- xii. The Project Proponent should carryout third party independent assessment through a reputed agency such as Suganthi Devadason Marine Research Institute, Thoothukudi to assess the impact of flora & fauna due to the implementation of the above project, periodically at-least once in six months and report the fact to the Forest and Environment Departments.

**AGENDA ITEM No.06**      **Construction of three numbers 0.60m dia Pipelines from Ennore Coastal installation to Ennore Tank Truck Pvt. Ltd., / MLT2 Terminal with a branch to Earth Retaining Structure of M/s. Kamarajar Port Limited by M/s. Bharat Petroleum Corporation Ltd.**

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

- i. Operation and maintenance of Pipeline should be monitored through Supervisory Control and Data Acquisition (SCADA) System round the clock. Dedicated Optical Fibre is to be provided for data and periodical inspection, monitoring should be done, as indicated in the Environment Management Plan.
- ii. The pipeline alignment should not be routed through the Ecological Sensitive area and also along the buffer area, as indicated in the HTL demarcation Map furnished by the Project Proponent, prepared through the Institute of Remote Sensing, Anna University.
- iii. Sectionalizing Valves shall be provided as per the Population Density Index (PDI) classification and PNGRB guidelines and the same shall be managed properly.
- iv. Under the Re-settlement and Rehabilitation, Compensation shall be provided as per legal and Government norms.
- v. The Project Proponent should certify that they have not yet commenced the work, in CRZ.
- vi. NoC from the PWD should be obtained before the commencement of works in CRZ.
- vii. Environmental related caution boards, especially indicating the "Do's and Don'ts" should be erected along the pipeline alignments at a fixed distances and also wherever necessary.
- viii. The unit should always have the preparedness to meet the unforeseen events such as accidents, natural calamities etc.,
- ix. Extent of damage/adverse impact caused on the eco-system, before and after the implementation of the project, in and around project area, should be periodically assessed and proper remedial action should be taken on the event of any adverse impact/ damage.

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- x. The Project Proponent should remit half a percentage on the Total Project Cost to the Environment Management Agency of Tamil Nadu (EMAT), Department of Environment, Saidapet, Chennai.15, towards carrying out CER activities.

**AGENDA ITEM No.07**      **Establishment of Conveyance System (pipeline), Pumping Stations, Sewage Treatment Plant (STP) in the Underground Sewerage Scheme (UGSS) project in Velankanni Special Grade Town Panchayat, Kelvelur Taluk, Nagapattinam District by Velankannai Special Grade Town Panchayat**

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

- i. As indicated by the Project Proponent the treated sewage water should be used for the maintenance of parks, gardens and developing landscape etc., to the maximum extent and the surplus water may be discharged into the Vedaranyam canal.
- ii. The constituents of the treated water should be as per the PCB standards.
- iii. A continuous monitoring system shall be implemented in consultation with the Tamil Nadu Pollution Control Board. Environmental Engineers shall be appointed to monitor the operation of the STP for implementing the project effectively.
- iv. A plan for the continued long term monitoring of quality/ characters of the treated water shall be developed and implemented, for which sufficient budgetary allocation may be made to maintain the STP and the allied activities.
- v. There shall be no extraction of ground water.
- vi. No liquid or solid waste shall be generated and disposed off in CRZ.
- vii. Proper arrangements should be made for the disposal of solid wastes generated in the project area then and there during the pre and post construction phases.

**AGENDA ITEM No.08** 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 Superintending Engineer, Park Department, Greater Chennai Corporation, Chennai

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

- i. No ground water from the CRZ area shall be extracted for the construction of the project.
- ii. The proponent shall not let-out the domestic sewage either treated (or) untreated in the Buckingham Canal.
- iii. 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.
- iv. Proper arrangements should be made for the disposal of solid wastes generated in the project area.

**AGENDA ITEM No.09** Proposed construction of extension of Passenger Jetty nearby Vivekananda Memorial Rock at Kanyakumari Village, Agastheeswaram Taluk, Kanyakumari district by Tamil Nadu Maritime Board, Chennai

The Authority have scrutinized the proposal with reference to the following facts in detail:

- i. that the Project Proponent has informed that the extension of Jetty is for providing safe sailing to the tourists who venture from coastline to Vivekananda Memorial Rock and Ayyal Valluvan Statue.
- ii. that the Indian Port Association (IPA) has taken up steps that by extending the passenger jetty at Vivekananda Rock, two more vessels can be berthed thereby increasing the number of ferry services and thus making more facilities for the people to visit the Vivekananda rock without much waiting time.

- iii. The Project involves the construction of extension Jetty besides a protective groynes for a length of 140 mts to protect the jetty from erosion and wave action and hence it is evident that there is the possibility of erosion due the additional new construction of the Jetty.
- iv. The Project Proponent has not furnished Consents obtained from the Tourism Department and the Vivekananda Kendra for the implementation of the above project.
- v. As per CRZ Notification 2011, vide para 3 (ix) and (xiii), reclamation, altering the hills, landscape changes for beatification, recreations and entertainment activities are prohibited activities.
- vi. That the Hon'ble NGT (SZ) has issued orders in Application 4 of 2013 on 4<sup>th</sup> September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal.

2) In view of above facts, the Authority resolved to request the Project Proponent to explore the feasibility of the strengthening and the expansion of existing Jetty, without the formation of groynes, based on the scientific studies.

**AGENDA ITEM No.10**      **Expansion of additional Storage tanks 12 Nos. and 1 No. of Hot Water Generator (6 LKC) in the existing Storage Transit Terminal at No.18/19, New Ennore Express High Road, Thiruvottiyur Village, Ambattur Taluk, Tiruvallur district by M/s. K.T.V. Oil Mills Private Ltd., Chennai.19.**

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

- i. The applicant should utilize the tanks at the project site only as transit terminal.
- ii. The construction of transit tanks shall satisfy the prescribed standard norms.
- iii. The transit tanks should be used for the transit of edible oil only.
- iv. 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.

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- v. Training and mock drills should be given to the employees and also to the public to handle emergencies / accidents duly.
- vi. There should not be any extraction of ground water in CRZ area.
- vii. Under Corporate Social Responsibility, the unit shall explore the possibilities of allocation of funds for preserving ecology and environment.
- viii. The applicant shall obtain consent under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- ix. The unit shall comply with the Environment Management Plan suggested both during construction and operational phases.
- x. The unit shall establish the facility only after obtaining CRZ Clearance from the MoEF&CC., GoI and also the Consent to Establish.
- xi. The Project Proponent should remit half a percentage on the Total Project Cost to the Environment Management Agency of Tamil Nadu (EMAT), Department of Environment, Saidapet, Chennai.15, towards carrying out CER activities.

**AGENDA ITEM No.11: Proposed establishment of Eco-Conservation Activities in the existing estuarine fish farm at Manakudy, Agastheeswaram Taluk, Kanyakumari district proposed the by Assistant Director of Fisheries, Nagercoil**

The Authority accepted the action of the Member Secretary, TNSCZMA and the issuance of the Clearance for the project, along with the terms and conditions stipulated in Pro.No.P1/1741/2019 dated 31.10.2019 of the Member Secretary, TNSCZMA.

**AGENDA ITEM No.12: Establishment of Fish Curing Unit at S.F. No.459/5, Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari district Unit proposed by M/s. Gladson Exporters.**

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

- i. No extraction of Ground Water in CRZ area.
- ii. Processing should not be carried out.

- iii. Constructing the unit by providing solar lighting, water conservation measures, green live fencing, green belt etc.,
- iv. Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- v. Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- vi. Planning Permission should be obtained from the Department of Town and Country Planning for the construction of the building.

**AGENDA ITEM No.13 (i): Any other subject with the permission of the Chair.**

**Monitoring of the Approved Projects by the Tamil Nadu State Coastal Zone Management Authority - Assigning the Expert Members for the Monitoring Team.**

The resolved to take action, on the important issues directly, if so warranted and also on the receipt of any directions from the Hon'ble Courts / Government on specific issues or any specific complaints, by forming a sub-committee of Members of the TNSCZMA, as and when required.

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.