

# 107<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 26.09.2019

Time: 11.00 A.M

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 -**

**107<sup>th</sup> MEETING**

**Date: 26.09.2019**

**Time: 11.00 AM**

**Venue:**

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

**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 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 25.07.2019 and the minutes were communicated in letter No. P1/2200/2018 dated 31.07.2019 (copy enclosed) of Director of Environment. It may be confirmed.

.02.

**MINUTES OF THE 106<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 25.07.2019**

**AGENDA ITEM No.01: Confirmation of the minutes of the 105<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.05.2019.**

The minutes of the 105<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.05.2019, communicated, to the Members of the Authority in letter No. P1/2200/2018 dated 28.05.2019 of the Director of Environment was confirmed.

**AGENDA ITEM No.02: The action taken on the decisions of 105<sup>th</sup> meeting of the Authority held on 21.05.2019**

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 105<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.05.2019. The Authority noted the action taken.

2) During the discussions, the Authority of the opinion that to avoid conflict of interest to entrust the work of "safe disposal of oil spill waste" at Kamarajar Port, the Authority resolved to follow the Tender Transparency Act as resolved in the 104<sup>th</sup> meeting of the Authority. As the disposal of oil spill waste is under the purview of Tamil Nadu Pollution Control Board, the Authority resolved to direct the Tamil Nadu Pollution Control Board to float Tenders by following the procedures stipulated in the Tender Transparency Act and finalize the executing agency to carryout the works.

**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 request the Project Proponent to furnish the following details to take further action on the project.

.03.

- a) The details on the Right of Way, Re-settlement and Rehabilitation details if the project features are transverse through Private land.
- b) the Project Proponent should certify that they have not commenced the work, in CRZ.
- c) NoC from the PWD should be furnished.
- d) A report on the impact of project activities on the fauna and the safety aspects taken apart from the usual Standard Operation Procedures (SOP), as the pipelines passing through below the water bodies shall be furnished.
  - d) Recent Ambient Air Quality Monitoring data, along with the source authenticated by the Tamil Nadu Pollution Control Board shall be furnished.
- e) All the Environmental related data should be furnished with reference to the Project areas, which are falling in CRZ.
- f) A report on the specific plan if any in erecting pipelines at the places of population shall be furnished.
- g) A video on the erection of pipelines through stimulation models shall be furnished.

**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**

The Authority resolved to request the Project Proponent to furnish the following details to take further action on the project:

- a) The NoC from the PWD shall be furnished to carryout the work.
- b) As the representatives of the Project Proponent have not properly and correctly furnished the details on the points raised by the Authority on the physical features of the project site and proposed features such as culverts, bridges along the rivers etc., the Authority requested the Project Proponent to assess the project features with reference to site conditions and make a presentation during the next meeting.

**AGENDA ITEM No.05**

**Erection of Transmission tower and transmission line for 400 KV power evacuation line from SEZ to Ennore Thermal Power Station (ETPS) expansion project, SEZ to North Chennai (NC) Pooling Station, EPS expansion project to NC Pooling Station and 765 KV Power evacuation line from North Chennai Thermal Power Station-Stage-III (NCTPS-III) to NC Pooling Station at Ennore by M/s. Tamil Nadu Transmission Corporation Limited (TANTRANSCO)**

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

- a) NoC from the District Forest Officer should be obtained with reference to the transmission alignment and on the location of the Towers, as to the effect that Mangroves are not disturbed.
- b) NoC from the PWD and the Kamarajar Port should be obtained prior to the commencement of works.
- c) The Pier Cap should be below the lowest water level.
- d) Tidal flow of water should be affected due to the project features.
- e) As indicated in the EMP, tower construction locations to be planned to avoid interference into water courses and thereby avoid contamination due to construction. Excavated earth to stored in the same location and will be back-filled around the tower foundation base.
- f) Necessary surface protection measures for the truss materials are avoided at the site to prevent air emissions.
- g) The Project Proponent should use acoustic drillers instead of normal open drillers for tower fabrication.

**AGENDA ITEM No.06**      **Revalidation of CRZ Clearance for the Foreshore facilities viz., Pipe Coal Conveyor, Cooling Water Intake and Outfall Pipeline for the project and ETPS Expansion Thermal Power Project (1x660 MW) proposed within the existing ETPS at Ernavur Village, Thiruvottiyur Taluk, Tiruvallur district proposed by TANGEDCO**

As the existing validity for the Clearances issued for the above project has been expired and the maximum time line of 10 years have also been completed, the Authority of the opinion that the proposal should be considered as a new one and as requested by the Project Proponent, the question of revalidation of existing Clearances, has not arisen.

2) The Authority recorded the facts put forth by the Project Proponent, that no new item of work / activity is included in addition to the existing project proposal, which is under construction.

3) As the Project Proponent has furnished the necessary documents viz., EIA, EMP, HTL demarcation map as per the Coastal Zone Management Plan (CZMP) etc., which are pre-requisites, as per CRZ Notification 2011, the Authority, after the scrutiny of the documents, resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI., subject to the existing terms and conditions issued in the Existing Clearances issued under CRZ Notifications 1991/2011.

4) The Authority also resolved to direct the Project Proponent to divert the financial assistance of Rupees One crore, earmarked towards the Corporate Social Responsibility activities to the Environment Management Agency of Tamil Nadu to execute Eco-restoration activities.

**AGENDA ITEM No.07**      **Proposed Container Transit Terminal at S.F.No.1/3B3, Pulicat Road, Kattupalli Village, Tiruvallur district by M/s. Apollo World Connect Ltd., Chennai.**

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

.06.

- a) The Containers should satisfy the prescribed standard norms.
- b) The transit tanks should be used for the transit of Agro products and Non hazardous goods only.
- c) 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.
- d) The applicant should utilize the project area only as transit terminal and there should not be any Manufacturing, Processing or industrial operations.
- e) The applicant shall obtain consents under Water (P&CP) Act, 1974 and Air (P&CP) Act, 1981 from the TNPCB.
- f) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- g) There should not be any extraction of ground water in CRZ.
- h) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- i) Under Corporate Social Responsibility, explore the possibilities of allocation of more funds for preserving ecology and environment

**AGENDA ITEM No. 08 Amendment in CRZ Clearance for the existing Warehouse storage building project at S.No. 175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No. 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai.19, Tiruvallur district by M/s. MRF Limited, Chennai**

As the Unit has informed that the "Tyre Testing Activity" is purely meant for Research and Development activity and the said activity is not under the part of any process/ operations/ expansion activities, the Authority resolved to Clear the proposals subject to the following specific conditions:

- a) There should not be any extraction of Ground Water in the CRZ areas.
- b) There should not be any process or operational activities as assured by the Project Proponent.



- c) Planning Permission should be obtained from the CMDA duly and the FSI should be as per 1991 level.

**AGENDA ITEM No.09**      **Construction of Paraprofessional Aquaculture Institute at SF No. 97/5, Muttukadu Village, Thiruporur Taluk, Kancheepuram district by M/s. Tamil Nadu Dr.J. Jayalalithaa Fisheries University, Chennai.**

As the Project Proponent has informed that the proposed Paraprofessional Aquaculture Institute, as a vocational School, impart technical skills for fisher-folk and other rural population, the Authority resolved to Clear the proposal subject to the following specific conditions:

- a) Prior Planning permission should be obtained for the proposed constructions, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and para 8 (i) III CRZ III A(iii)(j) & (l) of CRZ Notification 2011.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- e) the entire structures of the project shall conform Tsunami resistant and should be designed in consultation with the Competent Authority.
- f) The green belt should be developed with trees of native species of coastal areas in consultation with Tamil Nadu Forest Department.
- g) Top priority should be given on the intake of students for various training programmes and Certificate courses to the residents of local fisherman villages.

**AGENDA ITEM No.10 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 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) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- e) The green belt should be developed with trees of native species of coastal areas.
- f) 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.
- g) The STP should be erected outside CRZ area.
- h) 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.
- i) The unit shall ensure that there shall not be any discharge of treated /untreated sewage and municipal solid waste into outside of the premises and nearby sea.

**AGENDA ITEM No.11: Proposed construction of School Building at S.F.No.850/1,2,3 & 856/1 of Dharmapuram East Village, Agastheeswaram Taluk, Kanyakumari District by the Secretary, Puthenthurai Auxilium Society Holy Rosary Convent, Puthenthurai Post, Kanyakumari district**

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) III CRZ IIIB (viii) of CRZ Notification 2011.
- b) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

**AGENDA ITEM No.12: Construction of Boarding House at Door No.13A/5/1, Ward No.1, Block No.9, T.S.No.1138/1A3, 1137/3B, Beach Road, Thoothukudi Village, Thoothukudi Taluk & District by M/s. Holy Angel Boarding, Thoothukudi.**

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) There should not be any ground water extraction in CRZ.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

**AGENDA ITEM No.13: 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 accepted for the revision of the draft ToR incorporating the suggestions of the Authority Members and resolved to get fresh Expression of Interest, based on the revised ToR to entrust the study from the stakeholders at a a cost of Rs.10.00 lakhs. The Authority resolved to execute the above from the State Coastal Zone Development Fund.

**AGENDA ITEM No.14: Visit and Study the characteristics at the Coastal Area Eco-System of outside the Country**

The Authority resolved to depute the Members of the State Coastal Zone Management Authority to the European Countries such as Sweden, Denmark and Netherland 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.

2) The Authority also resolved to request the Expert Members to arrange modalities for the visit.

3) The Authority resolved to incur the expenditure from the State Coastal Zone Development Fund.

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

Sd/-xxxx  
Thiru Shambhu Kallolika, 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 105<sup>th</sup> meeting of the Authority held on 21.05.2019**

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 additional details has been requested vide letter No. P1/1679/2019 dated 31.07.2019 and the project proponent has submitted the reply. <b>The proposal is placed vide Agenda Item No.3</b>
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 additional details has been requested vide letter No. P1/1675/2019 dated 01.08.2019 and the project proponent has submitted the reply. <b>The proposal is placed vide Agenda Item No.4</b>
03	Erection of Transmission tower and transmission line for 400 KV power evacuation line by M/s. Tamil Nadu Transmission Corporation Limited (TANTRANSCO)	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1681/2019 dated 31.07.2019. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 13524/EC-3/2019-1 dated 19.08.2019.
05	Proposed Container Transit Terminal at S.F.No.1/3B3, Pulicat Road, Kattupalli Village, Tiruvallur district by M/s. Apollo World Connect Ltd., Chennai.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1680/2019 dated 31.07.2019. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 13523/EC-3/2019-1 dated 21.08.2019.
06	Amendment in CRZ Clearance for the existing Warehouse storage building project at S.No. 175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No. 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai.19, Tiruvallur district by M/s. MRF Limited, Chennai	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1721/2019 dated 31.07.2019.

07	Construction of Paraprofessional Aquaculture Institute at SF No. 97/5, Muttukadu Village, Thiruporur Taluk, Kancheepuram district by M/s. Tamil Nadu Dr.J. Jayalalithaa Fisheries University, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1324/2019 dated 31.07.2019.
08	Proposed Doctor's Beach Project of Residential Plots in S.F.Nos. at S.No. 106/2, 106/3, 106/4, etc., at Marakkanam North Village (Thalangadu Village), Marakkanam Taluk, Villupuram district by M/s. DS Propertiei, Chennai.40	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/466/2019 dated 31.07.2019.
09	Proposed construction of School Building at S.F.No.850/1,2,3 & 856/1 of Dharmapuram East Village, Agastheeswaram Taluk, KK District by the Secretary, Puthenthurai Auxilium Society Holy Rosary Convent, Puthenthurai Post, Kanyakumari district	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/646/2019 dated 31.07.2019.
10	Construction of Boarding House at Door No.13A/5/1, Ward No.1, Block No.9, T.S.No.1138/1A3, 1137/3B, Beach Road, Thoothukudi by M/s. Holy Angel Boarding, Thoothukudi.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/616/2019 dated 31.07.2019.
11	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 TNSCZMA has approved the draft ToR. Hence, reputed agencies were requested to send their willingness / EoI on or before 30.09.2019, vide letter No. P1/315/2019 dated 05.09.2019
12	Visit and Study the characteristics at the Coastal Area Eco-System of outside the Country	The Expert Members of the TNSCZMA have been requested to arrange modalities for the visit to European Countries, vide letter No.P1/1513/2019 dated 28.08.2019. Further, as resolved in the 105 <sup>th</sup> meeting of the Authority a field exposure trip was conducted to the staff/ officers of the DoE & Environment and Forest Department, Secretariat. Instead of Rs.3.75 lakhs, due to increase in air tariff, a sum of Rs.5.60 lakhs was incurred. The same may be ratified.

**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**

M/s. Indian Oil Corporation Ltd., (IOCL) has proposed to construction of 30" OD Underground Natural Gas Pipeline from Ennore LNG Terminal situated inside the Kamarajar Port Ltd., Ennore, Tiruvallur District to Salavakkam Village, Uthiramerur Taluk, Kancheepuram district. The proposed length of the pipeline is approximately 120 km and it traverses through 18 mtr RoW acquired as per the Petroleum & Minerals Pipeline Act, 1962.

2) The 30" OD Natural gas pipeline originates from the Ennore LNG Import Terminal and crosses the Ennore Creek. The natural gas pipeline passes through CRZ-III (HTL to 100m) Zone for a distance of 1037.41 mts. and in CRZ-IVB (Tidal influenced water bodies) zone for a distance of 655.98 mts. at Ennore. The natural gas pipeline traverses through Ponneri, Uthukottai Taluks and then enters into the RoW of already existing Chennai-Trichy-Madurai Product Pipeline (CTMPL) at pipeline chainage 36.4 km at Boochiathipattu Village, Uthokottai Taluk, Tiruvallur district.

3) The design capacity of this pipeline is 35 MMSCMD expandable upto 85 MMSCMD. The length of pipeline consist 30" OD Main line and suprlines of 6" dia will take off from mainline to deliver natural gas to anchor customers viz., M/s. Saint Gobain, M/s. Hyndai Motors etc., After 36.4 km, the pipeline will be laid in the existing RoW of Chennai-Trichy-Madurai product pipeline acquired in the year 2004 upto Kilakadi Village.

4) The mainline shall be provided with sectionalized valve stations at regular intervals as per Population Density in case of exigencies. The entire pipeline shall be subjected to post installation hydrostatic test as per Petroleum Rules prior to commissioning. The pipeline will be laid underground in the entire stretch with a minimum clear cover of 1.2m above the pipe and in crossing locations, 2m to 10m depending upon the type of crossing.

.14.

5) The project proponent stated that the pipeline crosses Kosasthalaiar River by Horizontal Directional Drilling method which is trenchless technology. The maximum depth of laying of pipeline in CRZ area is 10-15 m below the scour depth the water body. During the laying of pipeline the flow of water shall not be affected at any point of time.

6) The requirement of construction water for the project would be met through the public utility system or through water tankers as available. Maximum 5 KLD will be utilized at site. The domestic sewage will be treated in septic tanks and disposed off in soak pits. The power supply shall be arranged from TNEB at Ennore and at Palliagaram. Emergency power has been considered through 1 No. DG set each at Ennore and Palliagaram of suitable capacity with acoustic enclosure.

7) The project proponent stated the following precautions and monitoring methodology being adopted on round the clock basis.

- a) Operation and maintenance of Pipeline shall be monitored through Supervisory Control and Data Acquisition (SCADA) system round the clock. Dedicated Optical Fibre is available for data.
- b) Sectionalizing Valves are provided in between as per the Population Density Index (PDI) classification and PNGRB guidelines. The sectionalizing valve locations are unmanned and remote operated from Control room thorough Optical Fibre Cable (OFC) connectivity. Unmanned stations are provided with CCTV system and the same is managed centrally at the Control Room.
- c) The pipeline RoW shall be patrolled manually on daily basis by DGR Guards and the movement of the DGR Guards are monitored based on the GPS based tracking system.
- d) In case of emergency, the section will be isolated using the sectionalizing valves on both sides and the Natural Gas will be cold flared safely.

8) The DCZMA for Tiruvallur District has recommended the project to SCZMA for the issue of Environment Clearance under CRZ Notification, 2011.

9) The subject was placed before the 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.07.2019 and the Authority resolved to request the Project Proponent to furnish the following details to take further action on the project:



.15.

- a) The details on the Right of Way, Re-settlement and Rehabilitation details if the project features are transverse through Private land.
- b) the Project Proponent should certify that they have not commenced the work, in CRZ.
- c) NoC from the PWD should be furnished.
- d) A report on the impact of project activities on the fauna and the safety aspects taken apart from the usual Standard Operation Procedures (SOP), as the pipelines passing through below the water bodies shall be furnished.
- d) Recent Ambient Air Quality Monitoring data, along with the source authenticated by the Tamil Nadu Pollution Control Board shall be furnished.
- e) All the Environmental related data should be furnished with reference to the Project areas, which are falling in CRZ.
- f) A report on the specific plan if any in erecting pipelines at the places of population shall be furnished.
- g) A video on the erection of pipelines through stimulation models shall be furnished.

10) The Project Proponent has submitted their reply vide letter dated 19.08.2019 and 22.08.2019 (copies enclosed).

11) 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) 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.

12) The Authority may consider.

**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**

The Kamarajar Port Limited assigned the Indian Port Rail & Ropeway Corporation Limited, for the construction of the doubling Railway line with the existing railway track to enable the easy way transportation. Presently Kamarajar Port is connected by rail to the Athipattu and Athipattu Pudunagar station located in the Chennai-Gudur Section of the southern railway. The present rail lines that provide access to the Kamarajar Port were constructed by TANGEDCO in the year 1998. One line of the connectivity takes off from the Atipattu Railway station from the main line proceeds east through the Athipattu Village. The two line merge at the apex point and run as a single line to the NCTPS plant siding. The Chettinad Coal Yard and Sical Iron Yard are also taking off from this line.

2) The coal handling system capacity is 12 MTPA and this can be increased to 16 MTPA by installing additional un-loaders. Marine Liquid Terminal to the capacity of 3 MTPA, the common user coal Terminal to handle coal of 8 MTPA. The general Cargo berth to the capacity to handle 2 lakhs Cars and 0.5 MTPA. For expansion of KPL yard, a new rail alignment will be proposed from existing Holding Yard No.1 at Ch.00 (near bridge No.5) to Entry of Container Rail Terminal Yard. The gauge adopted is 1676 mm Broad Gauge as the existing Railway network is of this gauge. The existing track is electrified, OHE has been considered for the proposed track to have uniformity in operation.

3) The length of the proposed doubling line is 2.650 km. The proposed configuration of railway line junction starts from the point of Bridge No.5 and ends at the Port side. Along this railway line 3 major bridges and 7 box culverts of 2 vents are proposed. The approximate height of the embankment is 4 metre including subgrade layers. It should be checked whether the box culverts will be erected along the River or in Inter-tidal Zone. If so, the design should be ensure the tidal free flow of water.

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4) The project proponent has stated that the total length of the railway line is 2.65 km, out of which 1.446 km falls under CRZ-IA, CRZ-IB, CRZ-II and CRZ-IVB area. The project proponent stated that the mangrove areas which get affected during the construction of major bridge will be around 23 Nos. of trees in an area of 20 sq.m at Kosasthalaiyar River. The Project proponent committed for plantation 69 Nos. of mangroves (three times compensation) in nearby project site. The total cost of the project is Rs.40 crores.

5) The DCZMA for Tiruvallur District has recommended the project to SCZMA for the issue of Clearance under CRZ Notification, 2011.

6) The subject was placed before the 106<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 25.07.2019 and the Authority resolved to request the Project Proponent to furnish the following details to take further action on the project:

- a) The NoC from the PWD shall be furnished to carryout the work.
- b) As the representatives of the Project Proponent have not properly and correctly furnished the details on the points raised by the Authority on the physical features of the project site and proposed features such as culverts, bridges along the rivers etc., the Authority requested the Project Proponent to assess the project features with reference to site conditions and make a presentation during the next meeting.

7) The Project Proponent has submitted the reply vide letter dated 05.09.2019 (copy enclosed).

8) As per CRZ Notification 2011 vide para 8(i) I CRZ-I (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, Govt. of India.

9) The Authority may consider.

**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 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) The proposal has been placed before the Tamil Nadu State Coastal Zone Management Authority in 105<sup>th</sup> meeting held on 21.05.2019 and the Authority pointed out that 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.,

5) Now, 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) 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.

7) The Authority may consider.

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**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 Tiruvottiyur, Tiruvottiyur Taluk, Tiruvallur District -change of built up area - amendment requested regarding.**

M/s. MRF Limited, Chennai have submitted an application in respect of their proposed construction of Industrial shed at S. No. 175 (Part) of Ernavoor village, S. No. 6/1A1 (T.S. No. 3, 5/1A, 5/2A) of Tiruvottiyur village, Ambattur Taluk, Tiruvallur district, for Clearance under CRZ Notification 2011. Under the proposal, the Project Proponent has proposed to construct a industrial shed, for raw material and finished products with allied facilities. The Total Plot Area is 48,206.59 sqm and the Total Built up Area is 29515.80 sqm. Total Project cost is Rs.116.13 crores.

2) The subject was placed before the 98<sup>th</sup> meeting of the TNSCZMA held on 25.01.2018 and Clearance has been given accordingly vide proceedings No.P1/2327/2017 dated 12.02.2018 as resolved by the Authority. Subsequently Clearance has been issued in P1/1721/2019 dated 31.07.2019 for the Tyre testing activity in the above industrial shed as resolved in the 106<sup>th</sup> meeting of the TNSCZMA held on 25.07.2019.

3) Now M/s. MRF Limited, Chennai has informed that the proposed built up area is 29,542.16 sq.mts., instead of 29,515.80 sq.mts., for which Clearance has been obtained already as indicated above and requested to make necessary amendment by indicating the total built up area as 29,542.16 sq.mts. , in the existing Clearance dated 31.07.2019 issued to the MRF Limited, Chennai. There is no change in the total project area of the project, viz., 148,206.59 sq.mts.

4) As indicated above, as per para 8 (i) II CRZ II (ii) of CRZ Notification 2011, buildings shall be permitted on the landward side of the existing and proposed roads or existing authorised structures subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level.

5) The Authority may consider.

**AGENDA ITEM No.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 District Environmental Engineer/ Convenor, District Coastal Zone Management Authority of Villupuram district has forwarded a proposal for the 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, Villupuram district for Clearance under CRZ Notification 2011.

2) The Total Area of the proposed project is 20,950 sq.ft. and the total built up area is 3945 Sq.ft. The project area is falling on the landward side of the existing road in CRZ-II categorization. The unit will be provided an Effluent Treatment Plant to treat and dispose the trade effluent generated at the project activities and treated effluent will be utilized for gardening purpose in the premises.

3) The unit has obtained the Clearances viz., Certificate of Registration as an Exporter for Dried marine Products, Certificate of Registration for packing of Dried/ salted Marine Products, Certificate of Registration of Premises to handle live fish, etc.,

4) The District Coastal Zone Management Authority, Villupuram have recommended the project to the TNSCZMA as the activity is on the landward side of the existing road under para 8 (i) II CRZ II (i) of CRZ Notification 2011. The applicant has furnished a HTL map marking the project area in the approved CZMP of Tamil Nadu.

5) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ, if it requires waterfront and foreshore facilities and 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 (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level."

The Authority may consider.

**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.**

Thiru P. Amaranath Reddy, Chennai has submitted an application for the sub-division their 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, Chennai for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 4050 sq.mt., into four plots of sizes 905.43 sq.mt., 905.43 sq.mt., 885.21 sq.mt., and 1048.76 sq.mt., each. The proposal involves a formation of 3.60 mt wide passage having 305.17 sq.mts area, for approach.

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

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 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 (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.



**AGENDA ITEM No.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.**

Thiru P. Amaranath Reddy., Chennai has submitted an application for the sub-division their 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, Chennai for Clearance under CRZ Notification 2011.

2) The site is falling in CRZ-II area. The applicant has proposed to sub-divide the property of 4050 Sq.m., into three plots of sizes 1810.87 sq.mt., 885.21 sq.mt., and 1048.75 sq.mt., each. The proposal involves a formation of 3.60 mt wide passage having 305.17 sq.mts area, for approach.

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

4) As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 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 (19.02.1991) shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level.

5) The Authority may consider.

**AGENDA ITEM No.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.

National Offshore Wind Energy Policy - 2015 was notified as per the Gazette Notification dated 06<sup>th</sup> October 2015 for the development of offshore wind power in India. The National Institute of Wind Energy (NIWE) is the Nodal Agency for the development of offshore wind energy and entrusted to carryout and coordinate wind resource assessment and survey in India. The NIWE is planning to carryout wind resource assessment near Gulf of Mannar, Tamil Nadu.

2) The NIWE has approached NIOT for design and installation of Substructures for installation of **Laser Detection and Ranging (LiDAR) device**. The data collection platform will function for 2 years to measure the wind data to validate the wind potential sites. A LiDAR obtains information from a signal which is sent from a transmitter, reflected by a target (the wind) and detected by a receiver back at the source to measure the velocity of wind.

3) The NIWE has proposed to install one (A1) LiDAR based offshore structure in Gulf of Mannar (lat 8°46'17.66"N, Lon 78°25'11.78"E), 31.16 Km from Thoothukudi City i.e. 16.83 nautical miles from the LTL to sea, which is outside of CRZ area of 12 nm. The DCZMA of Tuticorin have also communicated the above facts.

4) The DCZMA of Ramanathapuram informed that the NIWE has also proposed to construct LiDAR based offshore structure for wind measurement at Zone C1 (Dhanuskodi Coast) & C2 (Valinokkam Coast), which is a temporary project for the period of 2 years and the LiDAR will be installed at a distance of 19 KM (10.5 nm) and is falling in CRZ-IVA. The project will take 6 months time for the installations and around 2-5 sq.kms. of area will be required.

5) The DCZMA for Ramanathapuram district have recommended the proposal to TNSCZMA, for the construction of LiDAR based offshore structure at Zone C1

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(Dhanuskodi Coast) & C2 (Valinokkam Coast) in the meeting held on 19.08.2019 with the following conditions.

1. The proponent shall ensure that project's installations and operations shall not affect the Gulf of Mannar Biosphere Reserve.
2. The proponent shall ensure that the project location lie in non-coral bed area.
3. 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.
4. The proponent shall ensure that the establishment of project shall be completed in shortest possible time.

6) As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ, if it requires waterfront and foreshore facilities and vide para 4 (i) (h), facilities for generating power by non-conventional energy resources, desalination plants and weather radars is require Clearance from the Ministry of Environment, Forests and Climate Change, Govt. of India.

7) The Authority may consider.

**AGENDA ITEM No.11: 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 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:

- a) Planting should be done, with native species, in consultation with the District Forest Officer, Tiruvallur.
- b) Top of the pile caps should be lower than the lowest LTL (Low Tide Line) of the water body.
- c) NoC from the PWD should be obtained before the commencement of works in CRZ.
- d) 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.
- e) 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 Thamaraiikulam 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.

.8.

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.

.9.

- 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 providing 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.**