

**130<sup>th</sup> MEETING**

**TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY**

**Date: 13.12.2024 (Friday)**

**Time: 12.30 P.M.**

**Venue:**

**7<sup>th</sup> Floor, Conference Hall,  
Environment, Climate Change &  
Forests Department,  
Namakkal Kavignar Maaligai,  
Secretariat, Chennai.600 009.**

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# TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

## 130<sup>th</sup> MEETING

### AGENDA

**Date:** 13.12.2024 (Friday)

**Time:** 12.30 P.M.

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7<sup>th</sup> Floor, Conference Hall,  
Environment, Climate Change &  
Forests Department,  
Namakkal Kavignar Maaligai,  
Secretariat, Chennai.9

**Agenda Item No. 01:** Confirmation of the minutes of the 129<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 13.12.2024

The 129<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 29.11.2024 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1/1832/2024 dated 05.12.2024.

**Agenda Item No.02:** The action taken on the decision of 129<sup>th</sup> meeting of the Authority held on 29.11.2024.

S. No	Subject	Action taken
01	Proposed reconstruction of Hotel Tamil Nadu at S. No. 128 & 129/ 1B in Rameswaram Village, Ramanathapuram District by the General Manager/DRO, Tamil Nadu Tourism Development Corporation Limited, Chennai (Single Window No. SW/205935/2024)	As resolved by the Authority, the proposal has been recommended to MoEF& CC, GoI, for issuing Clearance, vide this office letter No. P1 / 1473 / 2024 dated 09.12.2024.
02	Proposed construction of Overhead Water Tank (310 KL) at S. F. No. 1/3A2 (Pt) at Tsunami colony in Velakanni Town Panchayat, Kilvelur Taluk, Nagapattinam District by The Executive Officer, Velakanni Town Panchayat, Nagapattinam	As resolved by the Authority, the proposal has been recommended to DTCP, for issuing Clearance, vide this office letter No. P1 / 1409 / 2024 dated 09.12.2024.
03	Proposed construction of Overhead Water Tank (200 KL) under New Water Supply Scheme in S. F. No. 100 (Pt) at Beach Park in Velakanni Town Panchayat, Kilvelur Taluk, Nagapattinam District by The Executive	As resolved by the Authority, the proposal has been recommended to DTCP, for issuing Clearance, vide this office letter No. P1 / 1408 / 2024 dated 09.12.2024.

	Officer, Velakanni Town Panchayat, Nagapattinam	
04	Proposal for Enhancing the Coastal community's Adaptive capacity to mitigate the Climate Change impacts by means of protecting and Restoring Kariyachalli Island and the surrounding coral and Sea grass Habitats in Gulf of Mannar, Tamil Nadu by the Wild life Warden, Wildlife Division, Ramanathapuram	A letter was sent to the Members of the Authority for their remarks.
05	Discussion on violation cases	Action is being taken in the concerned file
06	Development of Website for Tamil Nadu State Coastal Zone Management Authority (TNSCZMA)	The comments suggested by the Authority has been carried out

**Agenda Item No.3: Proposal for expansion of Kattupalli Port by developing Berth 4 & 5 at Kattupalli Village, Ponneri Taluk, Tiruvallur District by M/s. Marine Infrastructure Developer Private Limited, Nungambakkam, Chennai (Single Window No. SW/209454/2024)**

A proposal received from the District Environmental Engineer, Tamil Nadu Pollution Control Board, Gummidipoondi submitted by M/s. Marine Infrastructure Developer Private Limited (MIDPL), Nungambakkam, Chennai for expansion of Kattupalli Port by developing Berth 4 & 5 at Kattupalli Village, Ponneri Taluk, Tiruvallur District. The project information and EIA report prepared by M/s. Assystem India Ltd., Chennai having NABET certificate valid upto 04.03.2026.

**Introduction:**

Kattupalli Port is already existing and functional, operated by MIDPL. As on date 3 berths are developed and in operation, which is handling approved cargo of 24.65 MTPA. The present proposal is for the development of Berths 4 & 5 and extension and conversion of Berth 3 into Container Berth. The CRZ clearance was obtained vide MoEF letter No. 10-130/2007-IA.III dated: 03.07.2009.

**Need of the Project:**

The Project Proponent stated that the Kattupalli Port has the strategic advantage of having entire South India as its hinterland and is emerging a hub port in the East Coast of India. This location advantage enables the port to handle a variety of cargo comprising container, Ro-Ro, Project cargo, Break Bulk/general cargo and Non-Hazardous Liquid Cargo. The trend in last 5 years in handling of cargos.

Totally 5 berths were approved, out of which 3 berths were constructed and in operation. Considering the future business / market potential and keen interest shown by the suppliers and major importers. MIDPL is proposing to develop the remaining 2 berths as per the approved EC & CRZ Clearance to cater to needs of port users under the approved as per category/profile without changing the overall handling capacity of 24.65 MTPA as approved in EC & CRZ by MoEF&CC.

**Brief details of the project:**

As per the IRS, Anna University the CRZ mapping of the project area, which showed that part of the proposed shoreline facilities falls in Coastal Regulation Zone,

the proposed Berths 4 (1.1 Ha) & Berth 5 (0.2 Ha) completely fall in CRZ-IV, proposed Port Craft Berth Area falls under CRZ-IV (0.0454 Ha) and CRZ III NDZ (0.0056 Ha), Container Terminal (8.7 Ha) falls outside CRZ boundary and the proposed Liquid Pipeline Corridor (Extension)(0.5423 Ha) falls in CRZ IV, and thus the total area covered under CRZ would be 1.8933 Hectares, of which area covered under CRZ III NDZ is 0.0056 Hectares and CRZ IV is 1.8877 Hectares.

**Location of the Project:**

Proposed project	Points	Latitude	Longitude
Extension of Berth - 3	A	13°18'49.345" N	80°21'3.116" E
	B	13°18'45.925" N	80°21'11.927" E
	C	13°18'44.699" N	80°21'11.558" E
	D	13°18'43.473" N	80°21'15.802" E
	E	13°18'45.504" N	80°21'16.408" E
Berth-4	F	13°18'44.723" N	80°21'16.173" E
	G	13°18'41.987" N	80°21'25.053" E
	H	13°18'40.895" N	80°21'24.724" E
Berth-5	I	13°18'35.318" N	80°21'27.622" E
	J	13°18'33.596" N	80°21'28.327" E
	K	13°18'33.136" N	80°21'27.155" E
	L	13°18'34.858" N	80°21'26.450" E
Port Craft Berth	M	13°18'48.869" N	80°20'49.539" E
	N	13°18'46.917" N	80°20'49.829" E
Container Terminal	O	13°18'48.363" N	80°19'59.770" E
	P	13°18'49.303" N	80°19'48.913" E
	Q	13°18'57.891" N	80°19'49.694" E
	R	13°18'56.952" N	80°20'0.502" E
Liquid Pipeline Corridor (Extension)	S	13°18'49.260" N	80°21'2.984" E
	T	13°18'47.462" N	80°21'6.614" E
	U	13°18'33.795" N	80°21'26.886" E

**Gist of the existing clearance issued by Govt. of India**

Sl. No.	Date of Clearance	Clearance issued to	Details of the Clearance
1	03.07.2009	M/s. L&T Ship Building Ltd.,	CRZ & EC - Development of proposed Shipyard cum Minor Port Complex at Kattupallai, Ponneri Taluk, Tiruvallur district vide 'MoEF No. 10-130/2007-IA.III'

2	12.05.2010	M/s. L & T Ship Building Ltd.,	Amendment to the conditions of the clearance - Dumping of dredged materials
3	17.12.2014	M/s. L & T Ship Building Ltd.,	Extension of validity and amendment in EC & CRZ Clearance - Reallocating storage area
4	09.02.2018	M/s. Marine Infrastructure Developer Pvt. Ltd., (MIDPL)	Bifurcation of EC & CRZ Clearance - Proposed Shipyard cum Minor Port Complex to M/s. MIDPL
5	09.02.2018	M/s. L & T Ship Building Ltd.,	Bifurcation of EC & CRZ Clearance - Proposed Shipyard cum Minor Port Complex to M/s. L&T
6	02.12.2019	MIDPL	CRZ Clearance - Development of Rail Corridor at Kattupalli Port vide 'MoEF file No. 11-22/2019-IA.III'

#### **Details of the proposed development:**

The Project Proponent has stated that the EC & CRZ clearance were obtained by M/s. L&T Ship Building Ltd., for the development of proposed Shipyard cum Minor Port Complex at Kattupalli from MoEF & CC, GoI, vide letter dated 03.07.2009, which inclusive of 5 berths. Subsequently, the clearance was extended / amended / bifurcated as mentioned in the above paragraph "Gist of Clearance".

Further, the Project Proponent stated that out of 5 berths, 3 berths are developed and under operation. Berths 1 & 2 are being used for container handling, Project Cargo, R & R and Berth 3 is Multipurpose berth which is being used for handling Break Bulk/General Cargo and Non- Hazardous Liquid Cargo.

Further, looking to the current market trend, it is envisaged that there is a huge potential container business growth and to cater the requirement, existing berth No. 3 is proposed to be extended and converted into Container berth and to meet the dry cargo and liquid cargo business requirement, extension of 3<sup>rd</sup> berth will not have any additional land acquisition and need for Ro-Ro, it is proposed to develop Berth No.4 & 5 which were also part of earlier approved EC & CRZ Clearance without changing the overall handling capacity of 24.65 MTPA as approved in the EC & CRZ Clearance issued by MoEF & CC, Govt. of India. The required backup facilities such as container terminal of 8.6 Ha, port craft facilities, drainage, water supply, electrical works, internal roads and other utilities are also proposed to be developed.

**CRZ Classification of the proposed development:**

S. No	Description	CRZ zonation
1	Extension of Berth 3 & Berth 4 & 5	CRZ-IVA
2	Port Craft Berth	CRZ-IVA NDZ (No Development Zone)
3	Container Terminal	Outside CRZ
4	Liquid Pipeline Corridor (Extension)	CRZ IVA

**Water Requirement:**

The water requirement during construction phase is 0.081 MLD (8 KLD) which will be sourced from existing water supply.

The existing water demand for Kattupalli Port is 1.8 MLD which is sourced from Chennai Water Desalination Limited (CWDL) or Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) through LTSB. Withdrawal of groundwater is not envisaged.

**Power Requirement:**

Power during the construction phase will be sourced from existing supply i.e TNEB.

During operational phase power requirement is 6.5 MVA. Kattupalli port sources power requirement from TNEB and has provision to extend power demand for proposed electricity requirement. Also there is a provision of utilization of inhouse 1 MV solar power.

**Waste water Management:**

Sewage generated during construction phase will be treated in the existing STPS. Sewage and effluent generated during operation phase will be treated in STP's & ETP's respectively.

**CRZ Classification and Project cost:**

The project site falls in CRZ-III, CRZ-III NDZ and CRZ-IV A and the total cost of the project is Rs.2100 crores.

**Recommendation of DCZMA of Tiruvallur district:**

The DCZMA for Tiruvallur district has recommended the proposal to SCZMA in the meeting held on 25.09.2024, subject to the following conditions



1. All the recommendations in the Environmental Management Plan shall be followed.
2. The Project Proponent shall formulate and implement schemes for the development of Mangroves, in the nearby areas, in consultation with Forest Department.
3. No drawal of Ground water shall be undertaken under any circumstance within CRZ area.
4. It shall be ensured that there shall not be any disposal of untreated sewage into the sea, by the Project Proponent, in general, and in the Coastal Regulation Zone Area in particular, under any circumstance.
5. Studies on shoreline changes shall be undertaken regularly, and the report furnished, together with measures for the avoidance of any excessive erosion or deposition.

The Project Proponent has submitted the replies to the above conditions vide letter dated 23.10.2024

**Provisions in CRZ Notification, 2011:**

- As per the General conditions (xii) of the existing clearances issued by MoEF & CC, GoI, vide F. No.10-130/2007-IA.III dated: 09.02.2018, the project proponent has to approach the MoEF & CC, GoI, for alteration of the project.
- 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.
- Under Para 4 (Regulation of Permissible activities), vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities and as per 4(ii)(a) those activities listed under category 'A' in the EIA notification, 2006 and permissible under the notification require clearance from MoEF after being recommended by concerned CZMA.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- The permissible activity comes under Category 7(e), "Port and Harbour EIA Notification, 2006 and classified as Category "A", the proposal may be recommended to MoEF & CC, Govt. of India as per Para 4(ii) (a) of CRZ Notification, 2011.

The Authority may consider

### **Remarks of the Technical Expert Committee (Meeting held on 10.12.2024)**

1. The dredged materials must be disposed of in the designated deep-sea area as approved.
2. The study on the disposal of dredged materials should be updated and submitted for review.
3. The PP should conduct a detailed sediment analysis to ensure that dredged materials are non-toxic and suitable for disposal in the designated deep-sea area.
4. As the area is identified as an eroding site, the PP must conduct regular shoreline change studies and monitoring to assess and mitigate erosion impacts.
5. No hard structures should be constructed to protect the eroding coast, as such measures may exacerbate coastal erosion.
6. The PP has voluntarily committed to deposit a sum of ₹10 crores to the Manali Ennore Restoration and Rejuvenation Company (MEERC) for environmental rejuvenation, pollution abatement and biodiversity conservation.
7. A comprehensive marine ecological impact assessment should be undertaken to evaluate the effects of dredging and port expansion on nearby habitats, including coral reefs, mangroves, and seagrass meadows, if present.
8. The PP must ensure regular monitoring of water and air quality at the project premises and submit reports to the relevant authorities.
9. Dredging activities should be carried out in a phased manner to minimize environmental impacts, particularly on marine biodiversity.
10. The PP should submit a detailed plan for the safe handling and transportation of dredged materials to prevent spillage or contamination during transit.
11. Measures should be implemented to reduce underwater noise pollution caused by dredging and construction activities to protect marine fauna, particularly migratory species and marine mammals.
12. The PP should develop a robust oil spill contingency plan to address potential spills during construction and operational phases.
13. The PP must ensure that local communities, including fisherfolk, are consulted and involved in the planning and monitoring processes, and measures should be undertaken to address any potential livelihood impacts.
14. The PP should install and maintain an advanced monitoring system for real-time tracking of water quality, sedimentation, and shoreline changes.

15. A post-construction environmental audit should be conducted to assess the compliance of mitigation measures and recommend additional measures if necessary.
16. The PP should submit a long-term Shoreline management plan, including strategies for shoreline stabilization and habitat restoration, to address ongoing and future erosion risks.

With these observations and remarks, the TEC recommended the proposal for consideration by the Authority.

**Agenda Item No 4. Proposed construction of Unity Mall at T. S. No. 475/2, 475/4 & Block 31 in the premises of Co-optex, pantheon road, Egmore, Chennai under scheme for special assistance to states for Capital Investment (Part-VI) 2023-2024 by the Chief General Manager, Tamil Nadu Handloom Weavers Co Operative Society Ltd., TNHWCS Ltd, (Co-optex), Chennai (SW/210627/2024)**

The District Environmental Engineer, TNPCB, Chennai has forwarded a proposal received from the Chief General Manager, Tamil Nadu Handloom Weavers Co Operative Society Ltd., TNHWCS Ltd, (Co-optex), Chennai for the proposed construction of Unity Mall at T. S. No. 475/2, 475/4 & Block 31 in the premises of Co-optex, pantheon road, Egmore, Chennai under scheme for special assistance to states for Capital Investment (Part-VI) 2023-2024. The EIA & EMP report prepared by M/s. Hubert Enviro Care Systems (P) Ltd, Chennai having NABET certificate upto 31.03.2027

**Need of the project:**

The Department of Handlooms, Government of Tamil Nadu has planned to propose a unity mall for promotion and sale of handicraft products and also providing space for such products to cumulate in a single building. The main objectives of this part of the Scheme are:

1. Promote National Integration
2. Promote the concept of "Make in India"
3. Promote the concept of "One District One Product (ODOP)"
4. Help the rural artisans in selling their products
5. Generate Employment
6. Increase marketability of quality indigenous products.

**Project Description:**

The proposed project site area is 22.451.79 sq.m (5.54 acres) from which the OSR Land falls under CRZ-II area (814.47 sq.m) and the remaining buildings falls under Non-CRZ area (21637.32 sq.m). The OSR land in proposed project site is located in the bank of cooum river, as per approved CZMP(TN-09)

**Project location:**

The project site is located in T. S. No. 475/2, 475/4 & Block 31, Co-optex campus, Pantheon road, Egmore village, Chennai. The geo coordinates of the project location is given below

Point	Latitude	Longitude
1	13°4'12.11"N	80°15'12.56"E
2	13°4'8.41"N	80°15'15.71"E
3	13°4'8.63"N	80°15'16.00"E
4	13°4'5.02"N	80°15'19.03"E
5	13°4'2.97"N	80°15'16.92"E
6	13°4'8.68"N	80°15'11.69"E
7	13°4'8.82"N	80°15'11.62"E
8	13°4'10.77"N	80°15'12.35"E

**Area of Proposed Project Activities under the CRZ categories**

S. No	Proposed Project Activities	Proposed activities under CRZ categories (Area in sq.m) - CRZ-II	Out of CRZ categories (Area in sq.m)
1	OSR	814.47	1558.14
2	STP	-	91.85
3	Greenbelt	-	3535.85
4	Car Parking	-	4111.76
5	Driveway	-	4372.00
6	Proposed Building	-	5183.17
7	Service	-	285.97
8	Two-wheeler Parking	-	2498.6
Total		814.47	21637.32
		22451.79	

**Water requirement:**

The total requirement for OSR & Greenbelt is 20 KLD and the treated water will be sourced.

**Solid Waste Management:**

As maximum of 3 persons will be required for the OSR development, there will be very minimal solid waste generation.

**Power requirement:**

There will be no power requirement for the OSR & Greenbelt Development

### **CRZ Classification and Project Cost:**

The OSR land only falling in CRZ-II area and the proposed cost of the entire project is Rs.227 crores.

### **Recommendation of DCZMA of Chennai district:**

The DCZMA meeting of Chennai district held on 04.10.2024 and the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011
2. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from competent Authority.
3. 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) and (iii) of CRZ Notification 2011
4. The Project Proponent shall ensure that, no construction of building/physical structure shall be carried out within CRZ area as proposed.
5. All the solid waste shall be handled as per the Solid Waste Management Rules 2016.
6. The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
7. The Project Proponent shall establish proper sludge separation and disposal system for the sludge from the STP.
8. Biodegradable Solid Waste will be disposed through Local body and non-biodegradable waste will be disposed through Authorized Recyclers.
9. The treated sewage shall be utilized for greenbelt development
10. The proponent shall comply with the Environmental Management Plan during construction and operational phases.

The Project Proponent has submitted the replies/response to the above conditions vide their letter dated:05.11.2024

### **Provision of the CRZ Notification, 2011:**

- There is no construction activity in the CRZ area. Only OSR land fall in the CRZ-II area in the bank of cooum river.

- A small part of the proposed project i.e OSR area falls within CRZ-II (Developed area category). The major part of the proposed activities falls outside the CRZ area.
- As the proposed building area is more than 20,000 sq.mtr. built up area, as per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Note:

- There is no construction activity is proposed in the CRZ area.
- The DCZMA, Chennai recommended the proposal to TNSCZMA with a condition that the Project Proponent shall ensure that, no construction of building/physical structure shall be carried out within CRZ area as proposed.

**Remarks of the Technical Expert Committee (Meeting held on 10.12.2024)**

1. The Proponent has stated that the proposed building is located outside the CRZ area in a site measuring 5,183.17 sq. m. However, the total built-up area has not been mentioned in the EIA report. The PP must submit the details of the total built-up area, along with a detailed breakup.
2. Construction materials and construction waste must not, under any circumstances, be dumped into nearby waterbodies.
3. The PP should include a plan for implementing rainwater harvesting systems within the proposed site to promote water conservation.
4. The building design should incorporate energy-efficient measures, including LED lighting, energy-saving HVAC systems, and the use of renewable energy sources where feasible.
5. The PP should explore the possibility of adhering to green building standards, such as obtaining GRIHA or LEED certification, to minimize the environmental impact of the project.
6. The PP should submit a traffic management plan to ensure smooth vehicular movement during and after construction, especially given the urban location of the project.
7. Adequate space should be allocated for landscaping, and native tree species should be planted to improve the aesthetic and environmental quality of the area.
8. A detailed waste management plan for both the construction and operational phases should be provided, focusing on waste segregation, recycling, and safe disposal.

9. Specific measures to mitigate dust, noise, and vibration impacts during the construction phase should be outlined.
10. The PP should establish a mechanism for periodic environmental monitoring during construction and operation, with reports submitted to the relevant authorities.

With these observations and remarks, the TEC recommended the proposal for consideration by the Authority.



**Agenda Item No.5: Providing and laying pumping main from the Sewage Treatment Plant (STP) of PHD/PWD, Lawspet to M/s. Chemfab alkalis Ltd., Kalapet, Puducherry for transporting / conveying secondary Treated Effluent Water (STEW) for industrial reuse by M/s. Public Works Department, Puducherry (Single Window No. SW/210355/2024)**

The District Collector, Villupuram has forwarded a proposal received from M/s. Public Works Department, Puducherry proposed for Providing and Laying pumping main from the Sewage Treatment Plant (STP) of PHD/PWD, Lawspet to M/s. Chemfab alkalis Ltd., Kalapet, Puducherry for transporting / conveying secondary Treated Effluent Water (STEW) for industrial reuse. The project information and EIA report prepared by M/s. Hubert Enviro Care Systems (P) Limited, Chennai having NABET certificate valid upto 27.07.2024.

**Need of the project:**

The proposed "Providing and Laying pumping main from the Sewage Treatment Plant (STP), Lawspet to M/s. Chemfab alkalis Ltd., Kalapet, Puducherry for transporting / conveying secondary Treated Effluent Water (STEW) for industrial reuse". Total length of pipeline is 11514.73m. Pipeline length falling under CRZ zone is 6383.52m and outside CRZ zone is 5131.21m. The firm M/s. Chemfab Alkalies Ltd., Kalapet, Puducherry made MoU with PHD/PWD for taking STEW from STP located at Karuvadikuppam, Lawspet for their factory purposed to minimize the Ground Water Extraction.

**Brief detail and salient features:**

- Public Work Department (PWD) has proposed to lay pipeline which carries secondary treated wastewater with a total length of 11514.73m
- The pipeline falls in Puducherry for a total length of 4732.36m and in Tamil Nadu for at total length of 6782.37m
- PCZMA has cleared the proposal on 15.6.2023 and recommended for the grant of CRZ clearance to MoEF & CC, GoI.
- The pipeline starts from Karuvadikuppam of Puducherry to Kalapet of Puducherry via ECR Road which partially falls under Villupuram District, Tamil Nadu.
- The proposed pipeline falls under following villages namely 1. Kottakuppam Village, 2.Indira Nagar Village, 3.Chinna Mudaliar Chavady Village, 4.Periya Mudaliar Chavady Village, 5.Bommaiyarpalayam Village of Villupuram District.

- The pipeline will be laid for a length of 11.514 km having width of 1.5m at depth of 0.6m.
- Excavation of 1.5 m will be carried out laying of pipelines along the roads with open cut method.
- Material of construction will be OPVC of 200 mm diameter.

The pipeline length falling under CRZ is as follows:

S. No	Description	CRZ Classification	Tamil Nadu Length in meters	Puducherry Length in meters	Total Length in meters
1	Secondary-Treated Waste water Pipeline	Outside CRZ	2694.79	2436.42	11514.73
		CRZ-II	1668.31	2295.94	
		CRZ-III(NDZ)	177.61	-	
		CRZ-III	2241.66	-	
Total			6782.37	4732.36	

#### Water Requirement:

During construction phase 0.25 KLD of water will be required for drinking purpose.

It will be met through local bodies.

Operation phase: Not applicable since there will be no operational phase.

#### Sewage Generation:

There will no sewage generation during the construction and operational phase.

#### Solid Waste Generation and Management:

##### Municipal Solid Waste:

S. No	Description	Construction phase Kg/day	Disposal
1	Organic	2.7	OWC
2	Inorganic	1.8	PCB Authorized recyclers
Total		4.5	

#### Power Requirement:

The details of power and fuel requirement is not applicable as the project is fitted pipeline.

### **CRZ classification and total Project cost:**

The pipeline run through Tamil Nadu boundary measuring length of 4087.58 km comes under CRZ-II, CRZ-III(NDZ) and CRZ-III area. The total cost of the project is Rs.4.69 crores.

### **Recommendation of DCZMA, Villupuram district**

The proposal was placed in the DCZMA of Villupuram district on 02.08.2024 and the Authority has resolved to recommend the proposal to TNSCZMA, with the following conditions.

1. All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011 as amended from time to time.
2. The proponent shall not carry out the laying of pipelines without obtaining CRZ Clearance from the Competent Authority.
3. The proponent shall carry out construction activity in the alignment specified in their application and shall apply for prior clearance for any change of alignment.
4. The pipeline crossing should not disturb the water body/ river/ creek areas.
5. Any temporary physical infrastructure setup and excavated material during laying of pipelines shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction work.
6. The muck generated shall be used for backfilling / filling the low-lying areas without disturbance to the existing environmental baseline.
7. No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
8. Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
9. All necessary clearance from the concerned authority as may be applicable should be obtained prior to commencement of project or activity.
10. The pipeline shall be monitored regularly and ensure that there shall not be leakage from the pipeline. In case of any such eventualities, it shall immediately take the corrective measures.
11. The proponent shall comply with the conditions stipulated in the proceedings of the divisional engineer (C&M), Highways, Villupuram vide Pro. No.55/2022/JDO-3 dated:03.08.2022

12. The proponent shall implement dust mitigation measures during the excavation activities.
13. The proponent shall strictly implement the EMP, Disaster Management Plan during construction and operation phases.
14. The project proponent shall allocate the CER fund of Rs. 5 lakhs to establish an RO drinking water facility and upgrade the sanitation facilities at the Government Higher Secondary School in Kottakuppam Village, Venur Taluk, Villupuram District.
15. The proponent shall comply with conditions stipulated in the Consent / Clearance / Recommendation of pipeline falls under Puducherry region.

The Project Proponent has submitted the replies to the above conditions vide letter dated 08.10.2024

#### **Provisions as per the CRZ Notification, 2011**

- 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.
- As per CRZ Notification 2011, vide Para 8 I CRZ-I (b) pipeline, conveying systems including transmission lines; are permissible activities.
- As per Para 4(ii) (d) laying of pipelines, conveying systems, transmission lines are permissible activity and required prior Clearance from MoEF & CC, Govt. of India, after being recommended by the concerned SCZMA.

#### **Note:**

The proponent has submitted that the Consent to Operate from Puducherry Pollution Control Committee is under progress, vide letter dated:27.11.24

#### **Remarks of the Technical Expert Committee (Meeting held on 10.12.2024)**

- 1) The PP should conduct regular monitoring of the pipeline and submit the reports to the Puducherry Pollution Control Committee (PPCC).
- 2) The PP must ensure that regular traffic is not disrupted during excavation activities.
- 3) The PP should ensure a robust maintenance mechanism for the pipeline to prevent leaks and minimize any environmental risks.
- 4) The PP must ensure that the secondary treated effluent water (STEW) meets prescribed standards before transportation and industrial reuse.

- 5) The PP should maintain proper communication with local authorities and residents to mitigate inconveniences caused by excavation and pipeline installation.
- 6) The PP should ensure that all excavated areas are restored to their original condition after the pipeline installation is completed.

With the above observations and remarks, the TEC recommended the proposal for consideration of the Authority.

**Agenda Item No. 6 Proposed construction of 20MT Ice Plant at S. F. No.401/9A, Keelaiyur Village, Sirkali Taluk, Mayiladuthurai district by M/s. K.K.F Ice Plant, Sirkali Taluk, Mayiladuthurai district (Single Window No. SW/211669/2024)**

The District Environmental Engineer, TNPCB, Nagapattinam has forwarded a proposal received from M/s. K.K.F Ice Plant, Sirkali Taluk, Mayiladuthurai district for the proposed construction of 20MT Ice Plant at S. F. No.401/9A, Keelaiyur Village, Sirkali Taluk, Mayiladuthurai district vide reference 1<sup>st</sup> cited. The EMP report prepared by Hubert Enviro Care Systems (P) Ltd, Chennai having NABET certificate upto 31.03.2027.

**Project Description:**

The total land area of site is 931.11 sq.m and the total built area of Ice Plant proposed is 175.42 sq.m.

**Project location:**

The project site is located at S.F. No.401/9A, Keelaiyur Village, Sirkali Taluk, Mayiladuthurai district. The proposed site is completely falls in CRZ-III(NDZ) as per approved CZMP. The geo coordinates of the project location is given below.

Point	Latitude	Longitude
A	11 <sup>o</sup> 8'49.537"N	79 <sup>o</sup> 51'20.560"E
B	11 <sup>o</sup> 8'49.142"N	79 <sup>o</sup> 51'21.715"E
C	11 <sup>o</sup> 8'48.475"N	79 <sup>o</sup> 51'21.936"E
D	11 <sup>o</sup> 8'48.413"N	79 <sup>o</sup> 51'20.653"E

**Description of the project:**

A 20 MT Ice Plant building measuring 175.42 sq.m with RCC/Steel structure is proposed in this land area of 931.11 sq.m.

S. No	Name of the component	Building Area in sq.m	Type of building	CRZ classification
1	Ice Plant	175.42	RCC and steel	CRZ III (NDZ)

**Land area breakup details:**

S. No	Description	Area in sq.m	Percentage (%)
1	Total Ground coverage Area of Buildings	175.42	18.84

2	Roads and pavements Area, Surface Parking & Other Utilities Area	173.81	18.67
3	Open Area	468.53	50.32
4	Green belt Area	113.35	12.17
	Total Land Area	931.11	100.00

**Water requirement:**

The water requirement for the project during its construction phase is about 3-5 KLD and this will be met through the tanker water supply. During the operation phase the project will require a total of 22 KLD of water, which includes 1 KLD for domestic use, 20 KLD for various industrial processes and 1 KLD for maintain greenbelt areas.

**Solid Waste Management:**

S. No	Description	Quantity	Mode of treatment/ disposal
1	Biodegradable waste	3.3	Handed over to local body on daily basis
2	Non-biodegradable waste	2.2	Handed over to recyclers for disposal

**Power requirement:**

The power requirement during operation will be of 500 KVA which will be sourced from the TNEB. For emergency purposes, DG sets (1 no of 360 KVA) will be used which will be provided with stack along with inbuilt acoustic measures as per the CPCB/TNPCB requirements.

**CRZ Classification and Project Cost:**

The entire site is falling in CRZ-III (NDZ) and the proposed cost of the project is Rs.85 lakhs.

**Recommendation of DCZMA of Mayiladuthurai district:**

The DCZMA meeting of Mayiladuthurai district held on 12.07.2024 and inspection carried out by DRO, DEE-TNPCB and DTCP representative of the DCZMA on 02.08.2024, the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent shall ensure that there shall not be any damage to the marine aquatic animals due to construction of ice plant in CRZ area.

2. The project proponent shall start the construction activities only after obtaining CRZ Clearance from the Competent Authority.
3. The Project Proponent shall commence the establishment activity of the unit after obtaining the Consent to Establishment of TNPCB.
4. The Project Proponent shall obtain necessary Consent/NOC/Clearance in addition to CRZ and TNPCB clearance (if needed) from the Competent Authorities.
5. The unit shall dispose the solid wastes to be generated if any as per the Solid Waste Management Rules, 2016.
6. The unit shall dispose construction debris as per the Construction and Demolition Waste Management Rules, 2016.
7. The construction debris and other type of waste shall not be disposed of into the CRZ areas.

**Provision of the CRZ Notification, 2011:**

- As per para 8(III) CRZ III(A) 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; is permissible activities.
- As per Para 4(i) (d) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

**Remarks of the Technical Expert Committee (Meeting held on 10.12.2024)**

- The PP has stated that the required water will be sourced through private lorry tankers. The source of water for these tanker lorries must be furnished.
- The PP should explore and implement measures to maximize the utilization of renewable energy sources to reduce reliance on non-renewable energy.
- The exact distance between the proposed site and the nearby mangrove areas must be provided.
- Local manpower should be utilized for both the construction and operational phases of the project.
- The PP should allocate 2% of the total project cost towards Corporate Environmental Responsibility (CER) activities, in consultation with the local panchayat.
- The PP should submit documentary evidence confirming that the proposed project site is not located near any archaeological sites.



- The PP should provide details on the management and disposal of wastewater generated during the operation of the ice plant to ensure compliance with environmental standards.
- The PP should prepare a contingency plan to address potential emergencies, such as accidental spills or equipment failure, to minimize environmental risks.

With these observations and remarks, the TEC recommended the proposal for consideration by the Authority.

**Agenda Item No. 7 Establishment of National Centre for Coastal Research (NCCR) Field Research Centre for Sustainable Livelihood for Fishermen Communities in Gulf of Mannar at Pamban Village, Rameswaram Taluk, Ramanthapuram district by National Centre for Coastal Research (NCCR), Chennai**

The National Centre for Coastal Research (NCCR) has proposed for the Establishment of "Field Research Centre for Sustainable Livelihood for Fishermen Communities in Gulf of Mannar" at Pamban Village, Rameswaram Taluk, Ramanthapuram district. The project information and EIA report prepared by M/s. ABC Techno Labs India Pvt. Ltd., Chennai having NABET certificate valid upto 24.05.2022 and got extension upto 20.07.2023.

**Need for the Project**

The highly productive coastal ecosystem and habitats that characterize the coastal areas support a number of living organisms. To give an impetus to fisheries sector, the Hon'ble Prime Minister of India has launched "Neel Kranti Mission" (Blue revolution) in 2016. This ambitious plan would have a multi- dimensional approach to all activities (tapping the coastal resources and enhance the productivity through aquaculture practices) concerned with all development of the fisheries sector as a modern world class industry in India. In order to protect the coastal system continuous research is required to understand the ecology. To facilitate this NCCR is planning to start research station at Pamban Village.

**Land Environment:**

The total area of the Research Centre is 9.815 ha and the built up area is about 3065.38 sq.m (including pond area).

S. No	Proposed project Activities	Area in (m <sup>2</sup> )	
		CRZ - IB	CRZ zone
1	Hatchery Training Facility	1506.52	CRZ-III(NDZ)
2	Rainwater Harvesting	110.78	CRZ-III(NDZ)
3	Sewage Treatment Plant	227.13	CRZ-III(NDZ)
4	Fresh water Pond	2226.06	IB (Intertidal zone)
5	Hatchery Laboratory	1004.35	CRZ-III(NDZ)
6	Nursery Pond	3615.64	IA(Mangroves), IB (Intertidal zone) & CRZ-III(NDZ)
7	Feeder Canal	1198.30	IA(Mangroves), IB (Intertidal zone) & CRZ-III(NDZ)
8	Ornamental Fish Hatchery	1098.39	IA(Mangroves), IB (Intertidal zone) & CRZ-III(NDZ)
9	Filtration Unit	62.35	CRZ-III(NDZ)
10	Effluent Treatment Plant	75.77	CRZ-III(NDZ)

11	Grow - Out Pond	2522.89	IB (Intertidal zone)
12	Molluscan Hatchery	3017.91	IB (Intertidal zone) & CRZ-III(NDZ)
13	Shrimp hatchery	3520.90	IB (Intertidal zone) & CRZ-III(NDZ)
14	Water Pipeline	1496.72	IB (Intertidal zone) & CRZ-III(NDZ)
15	Sedimentation Tank	1406.08	IB (Intertidal zone)
16	Maturation Pond	3213.85	IB (Intertidal zone) & CRZ-III(NDZ)
17	Reservoir - 1	458.46	IB (Intertidal zone)
18	Reservoir - 2	442.77	IB (Intertidal zone)
19	Over Head Tank	78.48	CRZ-III(NDZ)
20	Outlet Pipeline	160.01	IB (Intertidal zone) & CRZ-III(NDZ)
21	Green belt Area	32654.13	IA(Mangroves), IB (Intertidal zone) & CRZ-III(NDZ)
22	Other Area (that shall be included in green belt wherever suitable)	38052.51	IA(Mangroves), IB (Intertidal zone) & CRZ-III(NDZ)
<b>Total</b>		<b>98150</b>	

**Built-up Land Use Break Up of Project site:**

S.No	Description	Area in (m <sup>2</sup> )	CRZ Zone
1	Hatchery Training Facility	1506.52	CRZ-III(NDZ)
2	Rainwater Harvesting	110.78	
3	Sewage Treatment Plant	227.13	
4	Hatchery Laboratory	1004.35	
5	Filtration Unit	62.35	
6	Effluent Treatment Plant	75.77	
7	Over Head Tank	78.48	
<b>Total</b>		<b>3065.38</b>	

**CRZ Classification and Project Cost**

The proposed project site is falling in CRZ-I(A) Mangroves, CRZ-IB (Intertidal Zone), CRZ-III (No Development Zone). The proposed project cost is Rs.25 crores.

## Recommendations of DCZMA

The DCZMA of Ramanathapuram district has scrutinized the proposal in the meeting held on 02.06.2023. and submitted the following observations to the SCZMA.

- a. In the CRZ map prepared by NCSCM based on approved CZMP, compound wall is found traversing the entire site boundary including CRZ-IB tidal influence area. It was mentioned that culverts would be provided and that tidal flow would not be affected. However, it is informed by the proponent that no studies in this regard have been carried out. Further the proponent submitted a NoC obtained from the Thasildar, Rameshwaram Taluk vide letter dated 06.10.2021 for the construction of compound wall.
- b. In the CRZ map prepared by NCSCM based on approved CZMP, the toilet block is mentioned in CRZ IB area. The proponent vide letter dated 18.05.2023 stated that Toilet Block was erroneously mentioned and that during setting up the field Research Centre, the Toilet Block would be shifted to the neighbouring CRZ III (NDZ) area. However, the revised EIZ/EMP report in this regard has not been submitted.
- c. The permissibility of construction activities in CRZ III (NDZ) was discussed and it was decided by committee that permissibility vide para 8 (III) (iii) (1) of CRZ Notification, 2011 may be considered as the project is beneficial to local fishing community. However, the construction of Guest House in non CRZ area may be explored.

After detailed discussion and deliberation, the DCZMA has recommended the proposal to SCZMA, subject to some specific and additional conditions.

The Project Proponent has submitted replies to the DCZMA's conditions vide letter dated 29.11.2023. The Proponent has also stated that as per permission of District Revenue Officer, Rameswaram in letter dated 27.09.2021 the compound wall was constructed as a measure to safeguard government assets and to avoid further encroachment.

## Provisions in the CRZ Notification, 2011

- ***As per the CRZ Notification, 2011, Para 3 (iii), setting up and expansion of fish processing units including warehousing is prohibited except hatchery and natural fish drying in permitted areas:***
- ***As per Para 8 (i) (III) CRZ-III, A (iii) (l) 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 are permissible activities in CRZ-III (No Development Zone).***
- ***As per Para 8 (i) (III) CRZ-III, A (iii) (g), facilities for generating power by non-conventional energy sources is also permissible.***

- **As per Para 8 (i) (III) CRZ-III, A (iii) (j)**, construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA;
- As per Para 4 (ii) (h), the proposal may be recommended to MoEF & CC, Govt. of India.

The subject was placed before the 123<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 23.02.2024. The Authority decided to recommend the proposal to MoEF&CC, GoI with the following conditions.

- 1) The Project Proponent should avoid any activity that causes destruction of the sporadic presence of mangroves at the project site. In case of unavoidable scenario, adequate restoration and compensatory plantation has to be ensured.
- 2) No permanent construction shall be allowed in Intertidal Zone & No Development Zone.
- 3) As the site is partially coming under Eco-Sensitive Zone of the Gulf of Mannar Marine National Park, there shall be "Wildlife Mitigation Plan" duly approved by Wildlife Warden, Ramanathapuram & Chief Wildlife Warden of Tamil Nadu before commencement of the project. The project proponent shall also ensure that there shall not be any damage to the marine aquatic animals.
- 4) Mangrove Restoration Plan can be included in Wildlife Mitigation Plan.
- 5) There should not be introduction of any exotic species. There should not be handling of any protected species under Wildlife Protection Act.
- 6) The proposed coral cell shall work in co-ordination with Gulf of Mannar Marine National Park.
- 7) Studies regarding impact of Tidal Inflow due to the proposed project shall be carried out and the reports of the same shall be submitted to the DCZMA, before the commencement of the project.
- 8) The Unit shall obtain Consent to Establish from TNPCB for the proposed NCCR Field Research Centre at Pamban Village, Rameshwaram Coast, Ramanathapuram District under the Water & Air Acts, after obtaining CRZ clearance.
- 9) The construction debris and other type of waste shall not be disposed of into the CRZ areas.
- 10) The project proponent shall start the construction activities only after obtaining CRZ clearance from the Competent Authority.

In this connection, the proposal was recommended to NCZMA for CRZ clearance in the Parivesh portal and the Member-Secretary (CRZ), MoEF & CC, Govt. of India has raised some queries and returned the proposal to TNSCZMA. The replies for the queries were submitted to MoEF & CC, GoI. However, the MoEF & CC, GoI has returned the proposal, through Parivesh Portal.

**Remarks of the Technical Expert Committee** (Meeting held on 10.12.2024)

The TEC reviewed the proposed activity, the queries raised by the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India, and the responses provided by the Project Proponent. Considering that the MoEF&CC has returned the proposal, the TEC recommended that the proposal be brought to the attention of the TNSCZMA for further deliberation and decision.

**Agenda Item No 8.** Existing Unit of M/s. LSM Ice Plant, LSM Fisheries at S.No.702/3, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru L. Sanjeev, Proprietor, Kollencode Village, Vilavancode Taluk, Kanyakumari district

The DCZMA for Kanyakumari district has forwarded the proposal for Clearance under the CRZ Notification, 2011 for the existing Unit of M/s. LSM Ice Plant at S.No. 702/3, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru L. Sanjeev, Proprietor, Kollencode Village, Vilavancode Taluk, Kanyakumari district

2) In the minutes of the DCZMA (held on 18.08.2020), the proposal was recommended to SCZMA. Then the SCZMA informed that development works carried out in the CRZ area without proper clearances from the concerned Authorities and requested the DCZMA to take penal action against the unauthorized development in the CRZ area.

3) The subject was placed in the 88<sup>th</sup> meeting of DCZMA and recommended the following

"The DCZMA took note of the closure orders/ TNEB power disconnection issued by the Tamil Nadu Pollution Control Board under Water (P&CP) Act, 1974 and Air (P&CP) Act 1981 with temporary suspension of the same upto 31.03.2021. The DCZMA has also resolved that the issue of Environmental clearance may be considered by that SCZMA for the unit."

4) Meanwhile, Thiru Fredic Saviyo, S/O. John Sanjeev, filed a Writ petition before the Hon'ble Madurai Bench of Madras High Court in W.P. (MD) No. 10552 of 2021 against the District Collector, Kanyakumari district and 4 others to pass an interim order to restraining the respondents from disconnecting the electricity of the unit.

5) The Hon'ble Madurai Bench of Madras High Court vide order dt 05/08/2021 in W. P. (MD) No. 10552 of 2021 has disposed (common order) the writ petition directing as follows,

*Having regard to the submissions made by the learned counsel on either side and also taking into consideration the limited prayer sought for by the learned counsel for the petitioner's without expressing any opinion with regard to the merits of the case, we direct the first respondent (The Chairman, TNPCB) to consider the petitioner's application dt 06.07.2020 and pass orders on merits and in accordance with law within a period of eight weeks from the date of receipt of a copy of this orders.*

5) Meantime the Sr. Audit Officer, O/o Accountant General (Audit -II), Chennai inspected the unit on 12.10.2021 and observed that the unit was in CRZ area without obtaining CRZ clearance. The issue was discussed in the 90<sup>th</sup> meeting of DCZMA and recommended that TNPCB shall ensure the permanent closure of the unit immediately. Subsequently, the power supply to the Unit was disconnected and the unit was under closure and the details of the action taken was submitted to the AG (Audit-II) by the DCZMA.

7) Further, M/s. LSM Ice Plant has sent a representation along with a copy of the letter obtained from the Executive Officer, Kollencode Town Panchayat dated 13.09.2012 mentioned that the permission from the Kollencode Town Panchayat and constructed 1995-96 and assured that no further expansion was not made in the Ice plant and requested Clearance under the CRZ Notification, 2011. Accordingly, the DCZMA of Kanyakumari district was requested by TNSCZMA to send the genuineness of the documents vide this office letter dated 09.03.2022.

8) In this connection, the subject was again placed before the DCZMA in the 99<sup>th</sup> meeting held on 21.06.2024 and stated the following

- i. The Executive Officer, Kollencode 1<sup>st</sup> Grade Town Panchayat vide letter dated 16.02.2021 has informed that the Unit of M/s. LSM ice plant has obtained town Panchayat building approval on 15.11.1995 vide approval No.41/947/1995 dated:15.11.1995
- ii. The State Public Information Officer, Executive Engineer, Distribution, TANGEDCO, Kuzhithurai, vide Lr dated 07.05.2022 has mentioned that the TNEB supply was effected to the Unit on 22.06.1996.
- iii. Hence it is evident that the unit is in existence prior to the constitution of TNSCZMA i.e 26.11.1998

The DCZMA also stated that the genuineness of documents furnished by the applicant have been verified by the Committee and recommended for forward the proposal to TNSCZMA, vide DEE, TNPCB, Nagercoil letter No.F.CRZ-09(293)-4/20, dated 26.06.2024.

9) In the view of above, the following details are submitted

- a) The CRZ Notification, 1991 was issued by MoEF, GoI on 19.02.1991.
- b) As per the guideline of the CRZ Notification, 1991, the Coastal Zone Management Plan for coastal area of Tamil Nadu was prepared and approved by the GoI on 27.09.1996.
- c) The MoEF, GoI have constituted the Tamil Nadu State Coastal Zone Management Authority for scrutinizing the proposal which requires CRZ Clearance on 26.11.1998 and the first meeting of the TNSCZMA was held only after constitution of the Authority.
- d) M/s. LSM Ice Plant has submitted a copy of the building approval on 15.11.1995, EB Connection dated 22.06.1996, which was prior to the TNSCZMA's first meeting.
- e) DCZMA informed that the Unit remains under closure.

**Remarks of the Technical Expert Committee** (Meeting held on 10.12.2024)

The TEC observed that the Ice Plant in question was constructed before 1996, which is prior to the approval of the Coastal Zone Management Plan (CZMP) by the Ministry of Environment and Forests (MoEF), Government of India. The TEC further noted that, in a similar instance, the TNSCZMA had determined that activities or structures established before the approval of the CZMP and with the necessary permissions are deemed authorized under the provisions of the CRZ Notification, 1991.

Based on this observation, the TEC recommended that the proposal be submitted to the TNSCZMA for scrutiny and appropriate decision.



**Agenda Item No.9. Guidelines for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone (CRZ) and Island Coastal Regulation Zone (ICRZ) Areas**

The 47<sup>th</sup> meeting of National Coastal Zone Management Authority was held on 23.09.2024. The agenda on Guidelines for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone was discussed in the meeting and requested the comments from SCZMAs.

In this connection, it was requested the TEC members of TNSCZMA to offer their comments for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone and Island Coastal Regulation Zone areas. The comments were received from Dr. R. Ramesh, Founder Director, NCSCM, Technical Expert Member, TNSCZMA as follows

**Comments on Guidelines for Sustainable Sand Bar Removal in Coastal Regulation Zone (CRZ) and Island Coastal Regulation Zone (ICRZ) Areas**

The guidelines for sustainable sand bar removal in CRZ and ICRZ areas offer a comprehensive and balanced approach to addressing both environmental conservation and community needs. By emphasizing the non-mechanized, manual removal of sand bars by traditional coastal communities, the guidelines ensure that ecological processes are preserved while providing livelihood opportunities. This approach is particularly important in safeguarding critical coastal ecosystems, such as coral reefs, seagrass meadows, and mangroves, which are vital for maintaining coastal resilience. The detailed regulatory framework, which includes site selection, environmental impact assessments, and continuous monitoring, provides a structured pathway for ensuring that sand bar removal activities are scientifically sound and aligned with environmental sustainability goals.

In addition, the focus on transparency and accountability, with clear roles and responsibilities for various stakeholders, ensures that the process remains inclusive and participatory. Involving local communities in both decision-making and execution not only enhances the effectiveness of the interventions but also look after a sense of ownership and responsibility. The incorporation of annual compliance reporting, environmental safeguards, and public disclosure of sand utilization details further strengthens the guidelines by promoting good governance and accountability.

Minor edits shown below could focus on streamlining some of the technical aspects to make the guidelines more accessible to a broader audience, including local communities and stakeholders. Additionally, enhancing the clarity around specific timelines for sand bar removal, renewal of permits, and reporting intervals would ensure a smoother implementation process.

**Minor edits suggested:**

**Section 1.2 - Scope and Applicability** Add: "These guidelines apply to both coastal and island regions across India, considering local environmental differences. The goal is to prevent harm to the environment while allowing controlled sand removal."

**Reason:** Mentioning local environmental differences ensures the guidelines accommodate the unique features of different coastal areas.

**Section 3.4 - Transparency and Accountability** Add: "All sand removal activities should be audited at least once a year, and the audit results should be shared publicly for review."

**Reason:** Regular independent audits make sure everyone follows the guidelines and maintains accountability.

**Section 4.1 - Site Selection and Assessment** Edit: "For the first sand bar removal, a full Environmental Impact Assessment (EIA) is required. For future removals, a Rapid EIA may be done based on earlier findings, with approval from the DCZMA."

**Reason:** This ensures the first assessment is thorough, and future ones build on it without cutting corners.

**Section 4.6 - Continuous Monitoring and Compliance Enforcement** Add: "Local community members should be involved in monitoring to include traditional knowledge and ensure any concerns are addressed quickly."

**Reason:** Involving local communities in monitoring adds an extra layer of responsibility and ensures their voices are heard.

The above comments are submitted to the Authority so as to communicate to the MoEF & CC, Govt. of India.

**Remarks of the Technical Expert Committee** (Meeting held on 10.12.2024)

The TEC suggested that the comments on the guidelines for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone (CRZ) and Island Coastal Regulation Zone (ICRZ) Areas, furnished by Dr. R. Ramesh, Expert Member may be placed before the TNSCZMA, for approval so as to send the same to MoEF & CC, GoI.

**Agenda Item No. 10**      **Any other subject with the permission of the Chair.**

Sd./- xxxx

**Thiru A.R. Rahul Nadh, I.A.S.,  
Member Secretary,  
Tamil Nadu State Coastal Zone  
Management Authority &  
Director, Department of Environment &  
Climate Change,  
Chennai - 15.**

Sd./- xxxx

**Dr. P. SenthilKumar, I.A.S.,  
Chairperson, Tamil Nadu State Coastal  
Zone Management Authority and  
Principal Secretary to Government,  
Environment, Climate Change &  
Forest Department,  
Secretariat, Chennai-9.**

**Minutes of the 130<sup>th</sup> meeting of Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 13.12.2024**

The Member Secretary welcomed all the members of TNSCZMA, for the 130<sup>th</sup> meeting of the TNSCZMA.

**Agenda Item No. 01:**        **Confirmation of the minutes of the 129<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 29.11.2024**

The 129<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 29.11.2024 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1/1832/2024 dated 05.12.2024.

**Agenda Item No.02:**        **The action taken on the decision of 129<sup>th</sup> meeting of the Authority held on 29.11.2024.**

The Member Secretary briefed the Members about the action taken by the Department of Environment and Climate Change on the decisions made during the 129<sup>th</sup> meeting held on 29.11.2024.

The Member Secretary informed the Authority that the draft Guidelines for Conservation and Restoration of Kariyachalli Island and Surrounding Habitats had been circulated to all TNSCZMA members for their review. During the discussion, the following key suggestions were received for incorporation into the guidelines:

1. Under Community Awareness and Stakeholder Involvement, a representative from the Fisheries and Fishermen Welfare Department shall be included to ensure active participation and support.
2. Conduct monthly monitoring of coral and seagrass rehabilitation efforts, with a focus on water quality assessments to track progress and maintain ecosystem health.
3. Implement regular removal of plastic waste and ghost nets as a core component of the restoration plan to mitigate marine pollution and protect habitat integrity.

The Member Secretary assured the Authority that these suggestions would be incorporated into the final version of the guidelines. Further, the Member Secretary requested all members to submit their additional comments and feedback on the draft

guidelines latest by 23.12.2024, since this input is critical for finalizing the guidelines and ensuring timely issuance to the Project Proponent.

**Agenda Item No.3: Proposal for expansion of Kattupalli Port by developing Berth 4 & 5 at Kattupalli Village, Ponneri Taluk, Tiruvallur District by M/s. Marine Infrastructure Developer Private Limited, Nungambakkam, Chennai (Single Window No. SW/209454/2024)**

**Project Cost: Rs.2100 crores**

**CRZ classification: CRZ-III, CRZ-III NDZ and CRZ-IV A**

The SCZMA examined the recommendation of the District Coastal Zone Management Authority (DCZMA) of Tiruvallur district in the meeting held on 25.09.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the replies submitted by the Project Proponent for those remarks.

**Provisions in CRZ Notification, 2011:**

- As per the General conditions (xii) of the existing clearances issued by MoEF & CC, GoI, vide F. No.10-130/2007-IA.III dated: 09.02.2018, the project proponent has to approach the MoEF & CC, GoI, for alteration of the project.
- 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.
- Under Para 4 (Regulation of Permissible activities), vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities and as per 4(ii)(a) those activities listed under category 'A' in the EIA notification, 2006 and permissible under the notification require clearance from MoEF after being recommended by concerned CZMA.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- The permissible activity comes under Category 7(e), "Port and Harbour EIA Notification, 2006 and classified as Category "A", the proposal may be recommended to MoEF & CC, Govt. of India as per Para 4(ii) (a) of CRZ Notification, 2011.

### **Decision / Remarks of TNSCZMA**

The Authority examined the proposal for the expansion of Kattupalli Port by developing Berth 4 & 5 and decided to recommend the proposal to MoEF & CC, Govt. of India, for CRZ Clearance, subject to the following conditions:

1. The Project Proponent (PP) shall ensure that all construction activities strictly adhere to the approved proposal and CRZ regulations.
2. The PP shall implement and comply with the Environmental Management Plan (EMP) during both construction and operational phases.
3. No hazardous cargo shall be handled under any circumstances, in line with the CRZ Clearance issued by MoEF & CC, GoI.
4. The PP must establish a Standard Operating Procedure (SOP) for continuous monitoring of cargo-handling activities.
5. A detailed study for protecting the Desalination Plant of CMWSSB should be undertaken in consultation with NCCR, particularly focusing on erosion mitigation solutions.
6. As the project area is identified as an eroding site, the PP shall conduct regular shoreline change studies and monitoring to assess and mitigate erosion impacts.
7. Dredged materials shall be disposed of only in the designated deep-sea area as approved. Alternatively, the dredged material may be used for beach nourishment to mitigate erosion at identified sites.
8. The study on dredged material disposal must be updated and submitted to the Regional Office of MoEF & CC for review.
9. The PP shall conduct a detailed sediment analysis to confirm the dredged materials are non-toxic and suitable for disposal at the designated deep-sea site.
10. No hard structures shall be constructed along the eroding coast as such interventions may aggravate erosion.
11. As committed, the PP shall allocate ₹10 crores to the Manali Ennore Restoration and Rejuvenation Company (MEERC) for environmental rejuvenation, pollution abatement and biodiversity conservation.
12. A comprehensive marine ecological impact assessment must be undertaken to evaluate the impacts of dredging and port expansion on sensitive ecosystems such as coral reefs, mangroves, and seagrass meadows, if present.
13. The PP shall implement Mangrove development schemes in nearby areas in consultation with the Forest Department.

14. Continuous monitoring of water and air quality must be ensured, with periodic reports submitted to relevant authorities.
15. Dredging shall be carried out in a phased manner to minimize adverse impacts on marine biodiversity.
16. The PP must submit a detailed plan to MoEF & CC for the safe handling, transportation, and disposal of dredged materials to prevent spillage or contamination during transit.
17. Measures shall be implemented to mitigate underwater noise pollution caused by dredging and construction activities to protect marine fauna, particularly migratory species and marine mammals.
18. A detailed Disaster Risk Management Plan shall be prepared and submitted, outlining measures to mitigate risks from cyclones, flooding, and storm surges, given the coastal vulnerability of the project location.
19. The PP shall develop a robust Oil Spill Contingency Plan to address potential spills during both construction and operational phases.
20. The PP shall ensure that local communities, including fisherfolk, are consulted and actively involved during planning and monitoring. Measures must be undertaken to address any potential livelihood impacts.
21. The PP shall establish a Grievance Redressal Mechanism to address concerns raised by local stakeholders, including fisherfolk and other coastal communities, during both construction and operation phases.
22. An advanced monitoring system must be installed and maintained to provide real-time data on water quality, sedimentation, and shoreline changes.
23. A post-construction environmental audit shall be conducted to ensure compliance with all mitigation measures. Additional measures, if recommended, must be implemented promptly.
24. The PP shall prepare and submit a long-term Shoreline Management Plan, including strategies for shoreline stabilization and habitat restoration, to address both current and future erosion risks.
25. Groundwater extraction within the CRZ area is strictly prohibited under all circumstances.
26. The PP shall ensure zero discharge of untreated sewage into the sea or any CRZ areas at all times.
27. No construction activity shall commence until the CRZ Clearance is obtained from the competent authority.

**Agenda Item No 4. Proposed construction of Unity Mall at T. S. No. 475/2, 475/4 & Block 31 in the premises of Co-optex, pantheon road, Egmore, Chennai under scheme for special assistance to states for Capital Investment (Part-VI) 2023-2024 by the Chief General Manager, Tamil Nadu Handloom Weavers Co Operative Society Ltd., TNHWCS Ltd, (Co-optex), Chennai (SW/210627/2024)**

**Project Cost: Rs.227 crores**

**CRZ classification: CRZ-II**

The SCZMA examined the recommendation of the District Coastal Zone Management Authority (DCZMA) of Chennai district in the meeting held on 04.10.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the replies submitted by the Project Proponent for those remarks. Further, the PP has submitted the details of proposed built-up area which is 23,650 sq.mtr. which is outside of the CRZ area.

**Provisions in CRZ Notification, 2011:**

- There is no construction activity in the CRZ area. Only OSR land fall in the CRZ-II area in the bank of cooum river.
- A small part of the proposed project i.e OSR area falls within CRZ-II (Developed area category). The major part of the proposed activities falls outside the CRZ area.
- As the proposed building area is more than 20,000 sq.mtr. built up area, as per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

**Decision / Remarks of TNSCZMA**

The Authority decided to recommend the proposal to SEIAA, for CRZ Clearance with the following conditions:

- 1) The Project Proponent (PP) shall ensure that no physical structure is developed within the CRZ area under any circumstances.
- 2) The PP shall not commence any construction activities until all necessary Environmental and CRZ clearances are obtained from the competent authority.
- 3) The PP shall secure prior Planning Permission from the local planning authority for all proposed construction activities.
- 4) The PP shall incorporate robust disaster mitigation and preparedness measures to address risks such as floods or other natural hazards.



- 5) The PP shall ensure that all solid waste is managed in strict compliance with the Solid Waste Management Rules, 2016, including segregation and disposal through authorized recyclers and agencies.
- 6) The PP shall adhere to the Construction and Demolition Waste Management Rules, 2018, ensuring no construction debris is dumped into nearby waterbodies or CRZ areas.
- 7) The PP shall establish a proper sludge separation and disposal system for the STP and utilize treated wastewater for greenbelt development within the premises.
- 8) The PP shall implement a comprehensive rainwater harvesting system to conserve water resources and promote sustainability.
- 9) The building design shall incorporate energy-efficient measures, including LED lighting, energy-saving HVAC systems, and renewable energy sources where feasible.
- 10) The PP shall explore obtaining GRIHA (Green Rating for Integrated Habitat Assessment) or LEED (Leadership in Energy and Environmental Design) certification to minimize environmental impacts and improve building sustainability.
- 11) The PP shall submit and implement a Traffic Management Plan to ensure smooth vehicular movement during construction and operational phases, particularly considering the urban setting of the project.
- 12) The PP shall allocate adequate space for landscaping, prioritizing the planting of native tree species to improve aesthetic and environmental quality.
- 13) The PP shall implement specific mitigation measures to control dust, noise, and vibration during the construction phase to minimize impacts on the environment and nearby residents.
- 14) The PP shall establish a system for regular environmental monitoring during the construction and operational phases. Reports on air quality, water quality, and noise levels shall be submitted periodically to the relevant regulatory authorities.
- 15) The PP shall ensure that no groundwater extraction takes place within the CRZ area under any circumstances.
- 16) The PP shall use sustainable and eco-friendly construction materials to minimize the environmental footprint of the project.
- 17) The PP shall prepare a contingency plan to address environmental risks such as equipment failures, accidental spills, or flooding during construction and operational phases.

- 18) The PP shall provide a detailed waste management plan for both construction and operational phases, focusing on waste segregation, recycling, and safe disposal.
- 19) The PP shall ensure proper stormwater management systems are in place to prevent waterlogging and to protect the adjoining CRZ area.
- 20) The PP shall ensure that no untreated sewage is discharged into nearby waterbodies under any circumstances.
- 21) The PP shall prioritize renewable energy integration, such as solar energy systems, to minimize reliance on non-renewable energy sources.
- 22) The PP shall ensure that appropriate **worker safety measures** are implemented during construction, including adherence to labor laws, provision of personal protective equipment (PPE), and regular safety audits.

The Authority emphasized that the above conditions must be strictly complied with and periodic progress reports must be submitted to the relevant regulatory authorities to ensure adherence to environmental standards.

**Agenda Item No.5: Providing and laying pumping main from the Sewage Treatment Plant (STP) of PHD/PWD, Lawspet to M/s. Chemfab alkalis Ltd., Kalapet, Puducherry for transporting / conveying secondary Treated Effluent Water (STEW) for industrial reuse by M/s. Public Works Department, Puducherry (Single Window No. SW/210355/2024)**

**Project Cost: Rs.4.69 crores**

**CRZ classification: CRZ-II, CRZ-III(NDZ) and CRZ-III**

The SCZMA examined the recommendation of the District Coastal Zone Management Authority (DCZMA) of Villupuram district in the meeting held on 02.08.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the replies submitted by the Project Proponent for those remarks.

**Provisions in CRZ Notification, 2011:**

- 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.
- As per CRZ Notification 2011, vide Para 8 I CRZ-I (b) pipeline, conveying systems including transmission lines; are permissible activities.

- As per Para 4(ii) (d) laying of pipelines, conveying systems, transmission lines are permissible activity and required prior Clearance from MoEF & CC, Govt. of India, after being recommended by the concerned SCZMA.

#### **Decision / Remarks of TNSCZMA**

The Authority decided to recommend the proposal to MoEF & CC, Govt. of India, for CRZ Clearance with the following conditions:

- 1) The PP should conduct regular monitoring of the pipeline and submit the reports to both the Tamil Nadu Pollution Control Committee (TNPCB) and also the Puducherry Pollution Control Committee (PPCC).
- 2) The entire solid waste shall be handled as per the Solid Waste Management Rules, 2016
- 3) The project proponent shall ensure that no construction debris shall be deposited/ disposed in the Coastal Regulation Zone areas.
- 4) The proponent shall comply with the Environmental Management Plan both during construction and operation phases.
- 5) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- 6) The Project Proponent should take measures to prevent the pipeline which passes through the National Highways.
- 7) The proponent shall not carry out the laying of pipelines without obtaining CRZ Clearance from the Competent Authority.
- 8) The proponent shall carry out construction activity in the alignment specified in their application and shall apply for prior clearance for any change of alignment.
- 9) The pipeline crossing should not disturb the water body/ river/ creek areas.
- 10) Any temporary physical infrastructure setup and excavated material during laying of pipelines shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction work.
- 11) The muck generated shall be used for backfilling / filling the low-lying areas without disturbance to the existing environmental baseline.

- 12) No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
- 13) Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- 14) All necessary clearance from the concerned authority as may be applicable should be obtained prior to commencement of project or activity.
- 15) The pipeline shall be monitored regularly and ensure that there shall not be leakage from the pipeline. In case of any such eventualities, it shall immediately take the corrective measures.
- 16) The proponent shall comply with the conditions stipulated in the proceedings of the divisional engineer (C&M), Highways, Villupuram vide Pro. No.55/2022/JDO-3 dated:03.08.2022.
- 17) The proponent shall implement dust mitigation measures during the excavation activities.
- 18) The proponent shall strictly implement the EMP, Disaster Management Plan during construction and operation phases.
- 19) As per conditions of the DCZMA, the PP shall allocate the CER fund of Rs. 5 lakhs to establish an RO drinking water facility and upgrade the sanitation facilities at the Government Higher Secondary School in Kottakuppam Village, Venur Taluk, Villupuram District.
- 20) The proponent shall comply with conditions stipulated in the Consent / Clearance / Recommendation of pipeline falls under Puducherry region.

**Agenda Item No. 6 Proposed construction of 20MT Ice Plant at S. F. No.401/9A, Keelaiyur Village, Sirkali Taluk, Mayiladuthurai district by M/s. K.K.F Ice Plant, Sirkali Taluk, Mayiladuthurai district (Single Window No. SW/211669/2024)**

**Project Cost: Rs.85 lakhs.**

**CRZ classification: CRZ-III (NDZ)**

The SCZMA examined the recommendation of the District Coastal Zone Management Authority (DCZMA) of Mayiladuthurai district in the meeting held on 12.07.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the replies submitted by the Project Proponent for those remarks.

#### Provisions in CRZ Notification, 2011:

- As per para 8(III) CRZ III(A) 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; is permissible activities.
- As per Para 4(i) (d) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

#### Decision / Remarks of TNSCZMA

The Authority decided to recommend the proposal to DTCP, for CRZ Clearance with the following conditions

- 1) The Project Proponent should ensure that the entire construction activity should be established as proposed only.
- 2) The proposed construction should conform to the local town and country planning regulations.
- 3) The Unit shall ensure the adequate safety precautions like ammonia leak detector are provided for handling ammonia.
- 4) No extraction of groundwater through borewells shall be permitted in the CRZ area.
- 5) All the solid waste shall be handled as per the Solid Waste Management Rules 2016.
- 6) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- 7) Any Hazardous waste generated during construction/operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.
- 8) Consent to Establish shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
- 9) No ground water from Coastal regulation zone area shall be tapped for the project.
- 10) Necessary green belt of native species shall be developed along the project area to improve the air environment.
- 11) The Project Proponent shall ensure that there shall not be any damage to the marine aquatic animals due to construction of ice plant in CRZ area.

- 12) The construction debris and other type of waste shall not be disposed of into the CRZ areas.
- 13) The PP should explore and implement measures to maximize the utilization of renewable energy sources to reduce reliance on non-renewable energy.
- 14) Local manpower should be utilized for both the construction and operational phases of the project.
- 15) The PP should allocate 2% of the total project cost towards Corporate Environmental Responsibility (CER) activities, in consultation with the local panchayat.
- 16) The PP should ensure that the disposal of wastewater generated during the operation of the ice plant should compliance with environmental standards.
- 17) The PP should prepare a contingency plan to address potential emergencies, such as accidental spills or equipment failure, to minimize environmental risks.
- 18) The project proponent shall start the construction activities only after obtaining CRZ Clearance from the Competent Authority.
- 19) The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Consent to Establish and other statutory clearances.

**Agenda Item No. 7**                      **Establishment of National Centre for Coastal Research (NCCR) Field Research Centre for Sustainable Livelihood for Fishermen Communities in Gulf of Mannar at Pamban Village, Rameswaram Taluk, Ramanthapuram district by National Centre for Coastal Research (NCCR), Chennai**

**Project Cost: Rs.25 crores.**

**CRZ classification: CRZ-I(A) Mangroves, CRZ-IB (Intertidal Zone), CRZ-III (No Development Zone)**

**Decision / Remarks of TNSCZMA**

The Authority observed the comments by the MoEF & CC, GoI and reply submitted by the MS-TNSCZMA. During the presentation, the PP has informed that the proposal will be revised and to submit before the Authority.

Hence, the Authority accepted to return the proposal to the PP at present shape and suggested the PP may revise the proposal as per the permissible activities mentioned in the CRZ Notification, 2011.

**Agenda Item No 8.** Existing Unit of M/s. LSM Ice Plant, LSM Fisheries at S.No.702/3, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru L. Sanjeev, Proprietor, Kollencode Village, Vilavancode Taluk, Kanyakumari district

**Decision / Remarks of TNSCZMA**

The Authority observed the following facts pertaining to the proposal:

- a) The CRZ Notification, 1991 was issued by MoEF, GoI on 19.02.1991.
- b) As per the guideline of the CRZ Notification, 1991, the Coastal Zone Management Plan for coastal area of Tamil Nadu was prepared and approved by the GoI on 27.09.1996.
- c) The MoEF, GoI has constituted the Tamil Nadu State Coastal Zone Management Authority for scrutinizing the proposal which requires CRZ Clearance on 26.11.1998 and the first meeting of the TNSCZMA was held only after constitution of the Authority.
- d) M/s. LSM Ice Plant has submitted a copy of the building approval issued by Kollencode Town Panchayat vide letter dated 15.11.1995 and proof for electricity connection obtained from 22.06.1996, which was prior to the TNSCZMA's first meeting.
- e) The Authority observed following provisions under the CRZ Notification of 1991 is as follows,
  - o The MoEF & CC, Govt. of India has issued CRZ Notification, 1991 in 19.01.1991 declaring the coastal stretches of sea, bays, estuaries, creeks, rivers and backwaters which are influenced by tidal action (in the landward side) upto 500 meters from the High Tide Line (HTL) and the land between the Low Tide Line (LTL) and the HTL as Coastal Regulation Zone (CRZ) and imposes with effect from the date of issue of Notification (i.e.19.01.1991) and restricted the setting up and expansion of industries, operations or processes etc., in the CRZ area.

- As per Para 3 (i) of CRZ Notification, 1991, the coastal States and Union Territory Administration shall prepare, within a period of one year from the date of this Notification (19.01.1991), Coastal Zone Management Plans identifying and classifying the CRZ areas within their respective territories in accordance with the guidelines given in Annexures-I and II of the Notification and obtain approval (with or without modifications) of the Central Government in the Ministry of Environment and Forests.
- Further, as per Para 3(ii) of said Notification, within the framework of such approved plans, all development and activities within the CRZ other than those covered in Para 2 and Para 3(2) of CRZ Notification, 1991 above shall be regulated by the State Government, Union Territory Administration or the local authority as the case may be in accordance with the guidelines given in Annexures-I and II of the CRZ Notification, 1991.

M/s. LSM Ice Plant has submitted a copy of the building approval issued by Kollencode Town Panchayat on 15.11.1995, EB Connection dated 22.06.1996, certificate of Registration of the Unit as Ice Plant dated 16.06.1997, which was prior to the constitution of TNSCZMA i.e. 26.11.1998. Considering the above, the SCZMA decided to record that, the above activity is an authorized activity / structure established with all necessary permissions as noted in the provisions of the CRZ notification of 1991, wherein, the planning permission has been obtained from the local authority even before the establishment and commencement of the TNSCZMA. The above observation of the Authority is particular to the above mentioned proposal and shall not be generalized by the DCZMAs, Line Department and any other authorities.



**Agenda Item No.9. Guidelines for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone (CRZ) and Island Coastal Regulation Zone (ICRZ) Areas**

**Decision / Remarks of TNSCZMA**

The Authority has accepted to send the comments on Guidelines for measures to prevent sand bars and removal of sand bars in Coastal Regulation Zone (CRZ) and Island Coastal Regulation Zone (ICRZ) Areas submitted by Dr. Ramesh, Expert Member to MoEF & CC, GoI.

**Addl. Agenda Item No.1 : Blue flag beaches programme in Tamil Nadu by TNSHORE (Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy)**

The Authority acknowledged the recent Government Order (Ms. No. 160, E, CC & F (FR.12) Department, dated 10.01.2024) issued by the Department of Environment and Climate Change for implementing the Blue Flag Certification Programme under the Annual Action Plan of TN-SHORE. The programme allocates funds for the development of eco-friendly facilities at selected beaches, including ₹6 crores for Marina Beach, Chennai, and ₹4 crores each for Silver Beach (Cuddalore), Kameswaram Beach (Nagapattinam), and Ariyaman Beach (Ramanathapuram).

The Authority emphasized that the implementing agencies, including the Greater Chennai Corporation, Municipal Administration Department, and District Rural Development Agency, Nagapattinam and Ramanathapuram, shall ensure strict adherence to the following conditions during the implementation of the project, in line with S.O. No. 125(E), dated 09.01.2020, issued by the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India:

**Key Implementation Guidelines:**

- No development activities to be carried out on the landward side of the road.
- Turtle nesting grounds must remain undisturbed during the construction phase and nesting periods.
- No permanent road shall be laid as a part of these projects.
- Ecofriendly materials should be used in the proposed facilities.
- The authority suggested Project Proponent / Implementing Department to sign an MoU with NCSCM, for applying Blue Flag Beach Certification.

- Toilets must be constructed along the service road to enhance visitor amenities
- The natural beauty and visual appeal of Marina Beach and other selected beaches must be preserved during the implementation of the project.
- Beach sand must remain undisturbed, and any activities that may disrupt the natural sand profile should be avoided
- Regular cleaning and monitoring of the beach areas must be conducted to maintain environmental hygiene and compliance with Blue Flag standards.

The Authority reiterated the importance of ensuring that the Blue Flag Certification Programme aligns with global environmental benchmarks and provides long-term ecological and economic benefits for the State of Tamil Nadu.

**Sd./- xxxx**

**Thiru A.R. Rahul Nadh, I.A.S.,  
Member Secretary,  
Tamil Nadu State Coastal Zone  
Management Authority &  
Director, Department of Environment &  
Climate Change,  
Chennai - 15.**

**Sd./- xxxx**

**Dr. P. SenthilKumar, I.A.S.,  
Chairperson, Tamil Nadu State Coastal  
Zone Management Authority and  
Principal Secretary to Government,  
Environment, Climate Change &  
Forest Department,  
Secretariat, Chennai-9.**