

142nd MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 18.06.2026 (Thursday)

Time: 03.00 P.M.

Venue:

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

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Environment, Climate Change &
Forests Department,
Namakkal Kavignar Maaligai,
Secretariat, Chennai - 600 009.

Agenda Item No. 01: Confirmation of the minutes of the 141st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.03.2026

The 141st meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 20.03.2026 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1 /DOECC/892/2024, dated 30.04.2026.

Agenda Item No.02: The action taken on the decisions of 141st meeting of the Authority held on 20.03.2026.

S. No	Subject	Action taken
01	Environmental Clearance & CRZ Clearance for Upgradation of General Cargo Berth (GCB) - I to a Multipurpose Cargo Berth within the Approved Handling Capacity of 3 Million Metric Tons Per Annum (MMTPA) at Kamarajar Port Limited, Kattupalli village, Ponneri Taluk, Tiruvallur District by the General Manager (Marine Services), Kamarajar port limited, Chennai (Single Window No. SW/269240/2025)	As resolved by the Authority, the proposal has been recommended to MoEF & CC, GoI, for issuing Clearance, vide Efile Letter No. P1 / DOECC / 2044 / 2025 Dated: 29.04.2026.
02	Proposed construction of High Rise Hotel Building Complex at Old R.S. Nos. 4288/9 (part) & 4288/12 (part) and New R.S. Nos. 4288/109 & 4288/111 in block No.94 Mylapore Village, Mylapore Taluk,	As resolved by the Authority, the proposal has been recommended to MoEF & CC, GoI, for issuing Clearance, vide Efile Letter No. P1 / DOECC / 1996 / 2025 Dated: 28.04.2026.

	Chennai district by M/s. Red Connect Private Limited, Chennai (Single Window No. SW/268905/2025)	
03	Proposed infrastructure developments at L&T Complex, Kattupalli port, Ponneri Taluk, Tiruvallur District by M/s. Larsen and Toubro Ltd - L&T Shipbuilding, Kattupalli, Ponneri Taluk, Tiruvallur District (Single Window No.SW/209502/2025)	As resolved by the Authority, the proposal has been recommended to MoEF & CC, GoI, for issuing Clearance, vide Efile Letter No. P1 / DOECC / 1860 / 2025 Dated:29.04.2026

Agenda Item No 3. Proposed construction of Edible Oil and Non-class Products Storage Tank Terminal Facility of 33092 KL at Map Id: AOS01D -O Yard in area I (north) of Chennai Port Trust Area, Chennai by M/s. P.A.S. Solvents and Oils, Mylapore, Chennai (Single Window No. SW/275275/2026)

The District Coastal Zone Management Authority, Chennai has recommended a proposal received from M/s. P.A.S. Solvents and Oils, Mylapore, Chennai for the Proposed construction of Edible Oil and Non-class Products Storage Tank Terminal Facility of 33092 KL at Map Id: AOS01D -O Yard in area I (north) of Chennai Port Trust Area, Chennai district. The project information and rapid EIA, EMP report prepared by M/s. Institute for Environmental Management, Ranchi having NABET certificate No. NABET/EIA/2225/RA 0290, valid up to 07.02.2027.

Project description:

The proposed Project is the Establishment of edible oil and Non-Class Products storage terminal at O Yard in area I (north) of Chennai port trust area, Chennai. The proposed project total land area is 4460.00 Sq.m. The edible oils and Non class Products will be imported from Indonesia, Malaysia, Ukraine, Russia and Argentina and the proposed project consists of 3 Pipeline, 11 edible oil and 02 Non class products storage tanks, 1 water storage tank and other administration building. 3 pipelines will be proposed for this project for loading and unloading of edible oil and non class products. Pipelines should be partially covered with bitumen wrapping Sheet.

Total length of pipeline is 5.462 km. 3 pipelines one from WQ-II/WQ-I WHARF to P.A.S terminal, two from BB/BD-I WHARF to P.A.S terminal. The pipeline length of WQ-II/WQ-I WHARF to terminal and BB/BD-I to terminal is 2689.03 m and 1389.25 & 1383.87 m. The proposed site is near to Container Freight station. The Edible oil and Non-class products from storage tanks will be transported through trucks through the existing roads and it will be sent to manufacturing unit or sold to the local vendors.

The proposed project involves Fire room, Pump House, Loading Gantry, Weighbridge and Weighbridge room, Container Office Room, Staff vehicle parking, Truck parking area and 4m wide road is left for vehicle movement. The proposed project is surrounded by separate compound wall. The project site falls in CRZ II and CRZ IV A areas.

Details of the Proposed Structures:

S. No	Structures	Size
1	Fixed MS Cone Roof Tank - Edible Oil & Non Class Products- 13 Nos Capacity: 1418 KL to 5026 KL(varying one to one)	8.5 meter Dia x 25 meter Height to 16 meter Dia x 25 meter Height (varying one to one)

2	Fixed MS Cone Roof Tank - Fire water tank - 1 No Capacity: 294 KL	5 meter Dia x 15 meter Height
3	Proposed Pipelines	12 & 10 inches - MS 9.5mm wall thickness
4	Pump House	16 meter x 6 meter
5	Loading Gantry	36 meter length x 9 meter width
6	Weigh Bridge - 100 MT	16 meter length x 3 meter width
7	Admin Building	20 meter length x 3.5 meter width

Need for the proposal:

As per market demand P.A.S Solvents and Oils will be planned to propose the storage tank facilities inside the port. Presently P.A.S. Solvents and Oils has been used the rental tanks for storing their edible oils and trading. So, they proposed new tanks inside the port trust area i.e. Chennai Port Trust.

Land details:

The proposed project is Proposed construction of Edible Oil and Non-class Products Storage Tank Terminal Facility of 33092 KL at Map Id: AOS01D -O Yard in area I (north) of Chennai Port Trust Area inside Chennai Harbour. The Chennai Port Authority has issued orders for allotment of land for a period of 5 years on Annual License Basis, allotment order No.153/2025, Dt 14.10.2025 to in favor of M/s. P.A.S Solvents and Oils. Total lease land area - 4460 Sqm, for the period of 5 years from 01.11.2025 to 31.10.2030.

Details of Proposed Land use

S. No	Description	Area (sq.m)
1	Tank farm area - 13 tanks	2318.94
2	Fire Water Tank	19.6
3	Pump House	96
4	Loading gantry	324
5	Weigh bridge, Weigh bridge Room	118
6	Sump	18
7	Roads & Transport movement	973.21
8	Parking & Open Area	144.00
9	Temp. Green Area	447.85
	Total land Area	4460.00

Location of the project:

The site coordinates of the project are given below

Description	Label	Latitude	Longitude
Project site boundary	A	13°7'6.220" N	80°18'0.905" E
	B	13°7'7.474" N	80°18'2.974" E
	C	13°7'5.289" N	80°18'3.910" E
	D	13°7'7.271" N	80°18'1.966" E
Proposed 10" Pipeline - 1	E	13°7'6.840" N	80°18'2.184" E
	F	13°6'52.569" N	80°18'4.995" E
	G	13°6'43.528" N	80°18'13.538" E
	H	13°6'33.515" N	80°18'12.332" E
Proposed 10" Pipeline - 2	I	13°7'7.051" N	80°18'2.048" E
	J	13°6'59.544" N	80°18'2.897" E
	K	13°6'46.758" N	80°18'7.573" E
	L	13°6'33.772" N	80°18'12.386" E
Proposed 12" pipeline	M	13°7'7.002" N	80°18'2.102" E
	N	13°6'57.141" N	80°18'3.354" E
	O	13°6'44.356" N	80°17'55.073" E
	P	13°6'9.892" N	80°17'42.445" E
	Q	13°5'54.915" N	80°17'44.849" E

The details of the CRZ classification of the project is given below.

S. No	Description	CRZ Classification	Area in Sq.m	Total Area in Sq.m
1	Proposed Project Site Boundary	CRZ - II	4460.00	4460.00
S. No	Description	CRZ Classification	Length in mt	Total Length in mt
1	Proposed 12" Pipeline	CRZ - II	2689.03	2689.03
2	Proposed 10" Pipeline-1	CRZ - II	837.32	1389.25
		CRZ - IVA	551.93	
3	Proposed 10" Pipeline-2	CRZ - II	813.74	1383.87
		CRZ - IVA	570.13	

Manpower requirement:

Phase	Components	Requirement (no's)
Construction	Temporary	20
Operational	Permanent, Temporary	12

Water requirement:

During construction phase approx. 1 KLD will be required for both domestic and construction Purpose. During Operational phase approx. 1 KLD will be required. The source of water will be met by Chennai Port Trust.

Power requirement:

DG set of 200 kV(standby), Total power requirement for this project is 250 kVA. The source of Power will be met by Chennai port trust. HSD of 0.5 KLD will be used as fuel for DG set and the source will be met through local vendors.

Solid Waste Management:

S. No.	Type of waste	Constructi on Phase (Kg/day)	Operatio nal Phase (Kg/day)	Management measures
1	Organic waste	2.0	2.25	Organic waste will be disposed through Port trust bins
2	Inorganic waste	3.0	3.25	Inorganic waste will be stored in adequate bins and disposed through port authorized vendors.
	Total	5.0	5.5	

Green belt activities:

M/s. P.A.S. Solvents and Oils will ready to develop greenbelt in port area; unfortunately, there is no opportunity to develop inside the Chennai port trust area. So, the project proponent will plan to keep the pot based scrubs/low height plants inside the facility.

Total cost and CRZ Classification of the project:

The total cost of the project is Rs.20 Crore and the CRZ Classification of the project is CRZ-II & CRZ IV A areas.

Recommendations of DCZMA of Chennai district:

The DCZMA of Chennai district has recommended the proposal to SCZMA in the meeting held on 02.03.2026, with the following conditions.

1. The project proponent should ensure that proposed activities in CRZ area should comply as per provisions of CRZ Notification, 2011.
2. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance.
3. The project proponent shall provide appropriate measures for the collection of oil spillage if any around the tank form area.
4. Construction of storage tanks shall satisfy the prescribed standard norms by the competent authority.
5. The project proponent shall store only edible oil & non class products in the storage tanks as proposed.

6. The project proponent shall lay pipe lines only for the purpose of transferring edible oil & non class products from wharf to their proposed storage terminal within the Chennai Port Area.
7. The Project proponent should avoid the excavation works in the peak monsoon period.
8. The project proponent shall ensure that the excavation materials should be disposed in the proper manner.
9. No extraction of ground water shall be carried out within the Coastal Regulations zone area.
10. The project activity should not affect the coastal ecosystem including marine flora and fauna.
11. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
12. The proponent shall comply with the Environmental Management Plan during construction and operational phases.
13. In the event of a change in project profile a fresh CRZ Clearance / Recommendation from the DCZMA shall be obtained.

The Project Proponent has submitted the reply/response to the above conditions, vide letter dated 13.03.2026.

Provisions as per the CRZ Notification, 2011:

- As per Para 8 (i) II CRZ II (vi) storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports;
- As per Para 4 (ii) (d) laying of pipelines, conveying systems, transmission line are permissible activities and it requires clearance from MoEF&CC, GoI.

Remarks of the Technical Expert Committee: (Meeting held on 15.05.2026)

The Project Proponent, M/s. P.A.S. Solvents and Oils, presented the proposal for the construction of an Edible Oil and Non-Class Products Storage Tank Terminal Facility of 33,092 KL capacity at Map ID: AOS01D - O Yard, Area I (North), Chennai Port Trust Area, Tondiarpet, Chennai. The total land area allotted for the proposed project is 4,460 sq.m and the proposed built-up area is 2,905.14 sq.m.

The Committee noted that the project site falls within **CRZ-II**, while the associated pipelines pass through **CRZ-II** and **CRZ-IVA** areas. The proposed facility comprises:

- 11 edible oil storage tanks with a total capacity of 30,084 KL;
- 2 non-class product storage tanks with a total storage capacity of 3,008 KL for products such as caustic soda, sulphuric acid, ethyl alcohol, base oil, lube oil, parabene, N-propanol and other approved products;

- associated infrastructure including fire room, pump house, loading gantry, weighbridge and weighbridge room, container office room, vehicle parking area, truck parking area, green belt, internal roads and compound wall.

The TEC examined the proposal with reference to the provisions of the CRZ Notification, 2011, the approved Coastal Zone Management Plan, the location of the project within the operational port area, and the potential environmental and safety risks associated with storage and handling of edible oil, chemicals and non-class products in proximity to the marine environment.

Observations and Specific Conditions of the TEC

After detailed deliberation, the TEC recorded the following observations and specific conditions for consideration by the Tamil Nadu State Coastal Zone Management Authority:

1. CRZ compliance and permissibility: The proposed activity shall be implemented strictly in accordance with the provisions of the CRZ Notification, 2011, the approved CZMP, and the conditions imposed by the competent CRZ authority. No activity other than those appraised and permitted under the proposal shall be undertaken within the CRZ area without prior approval of the competent authority.
2. Integration with Chennai Port Authority systems: Since the proposed facility is located within the Chennai Port Authority area, the PP shall ensure that the facility is administratively, operationally and environmentally integrated with the Port Authority's safety, environmental management, emergency response, fire protection, spill-response and disaster-management systems. Fragmented or stand-alone management arrangements shall not be adopted.
3. Site-specific Disaster Management and Emergency Response Plan: The PP shall prepare a site-specific Disaster Management and Emergency Response Plan covering fire, explosion, chemical leakage, oil leakage, tank failure, pipeline leakage, flooding, cyclone, storm surge and extreme rainfall scenarios. The plan shall be prepared in coordination with the Chennai Port Authority and shall clearly define institutional responsibilities, communication protocol, emergency control room arrangements, evacuation procedures, emergency contact points, mutual-aid arrangements and mock-drill requirements.
4. Oil Spill and Hazardous Substance Contingency Plan: A dedicated Oil Spill and Hazardous Substance Contingency Plan shall be prepared and implemented in alignment with the National Oil Spill Disaster Contingency Plan and the emergency response framework of the Chennai Port Authority. The plan shall include inventory

of spill-control equipment, spill kits, absorbents, booms, skimmers, neutralising agents, emergency storage arrangements, trained manpower and response procedures for accidental discharge into drains, land, harbour waters or marine waters.

5. Product classification and safety compatibility: The PP shall furnish the complete list of products proposed to be stored, along with their classification, Material Safety Data Sheets, hazard characteristics, storage compatibility, fire and chemical safety requirements, tank-wise allocation and handling protocol. Storage of any additional product not included in the approved list shall be undertaken only after obtaining necessary approval from the competent authorities.
6. Fire safety and industrial safety compliance: The PP shall install a dedicated firefighting system, fire-alarm network, emergency power backup, hydrant system, foam system, lightning protection, gas/leak detection system, emergency shut-off arrangements and other safety infrastructure as applicable. Necessary clearance/approval from the Fire and Rescue Services Department, Petroleum and Explosives Safety Organisation, Directorate of Industrial Safety and Health, Chennai Port Authority and other competent authorities shall be obtained wherever applicable.
7. Pipeline safety and secondary containment: All pipelines passing through CRZ-II and CRZ-IVA areas shall be designed, laid, operated and maintained with adequate secondary containment, leak-detection systems, emergency isolation valves, corrosion protection and routine inspection arrangements. Bund walls, dwarf walls, collection drains or other appropriate containment systems shall be provided wherever necessary to ensure that accidental leakage or spillage does not reach stormwater drains, harbour waters or the marine environment.
8. Excavation and disposal of excavated material: The PP shall submit a detailed excavation and material-management plan indicating the depth and quantity of excavation, method of excavation, temporary storage arrangements, reuse options, disposal site, transport route and safeguards to prevent dust, runoff, siltation or contamination. No excavated material or construction debris shall be dumped in the CRZ area, harbour waters, drains, intertidal areas or any coastal/marine environment.
9. Pollution prevention and waste management: Solid waste, hazardous waste, used oil, chemical containers, sludge, contaminated absorbents and other wastes generated during construction and operation shall be managed strictly in accordance with applicable statutory rules, including the Solid Waste Management Rules, 2026 as applicable; Construction and Demolition Waste Management Rules, 2024; Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016; and

directions of the TNPCB. No untreated waste, effluent or contaminated runoff shall be discharged into the sea, harbour waters, stormwater drains or adjoining areas.

10. Stormwater, runoff and drainage management: The tank farm area, loading/unloading area, pipeline corridor and vehicle movement areas shall be provided with properly designed stormwater and contaminated runoff collection systems. First-flush runoff from operational areas shall be collected and treated as per TNPCB norms. Drainage from the facility shall not carry oil, grease, chemicals or suspended solids into the marine environment.
11. Groundwater extraction prohibited: No groundwater shall be extracted within the CRZ area for construction or operational use. The Project Proponent shall make arrangements for water supply through authorised sources and furnish documentary evidence to the Authority, wherever required.
12. Environmental monitoring and reporting: The PP shall undertake regular monitoring of ambient air quality, marine water quality, soil quality, noise levels, stormwater discharge quality and other relevant environmental parameters in coordination with the Chennai Port Authority and TNPCB. Monitoring reports shall be submitted periodically to the Authority/TNPCB as directed.
13. Protection of coastal and marine environment: The PP shall ensure that the project does not cause adverse impact on coastal and marine biodiversity, harbour water quality, sediment quality or marine ecological conditions. Any accidental spill, leakage, fire incident or environmental damage shall be immediately reported to the Chennai Port Authority, TNPCB, TNSCZMA and other competent authorities, and corrective action shall be taken without delay.
14. Legal and administrative compliance relating to land/facility agreement: The PP shall ensure that the Terminal Facility agreement dated 21.01.2025, executed with the Chennai Port Authority, is duly registered under the applicable Act/Rules, wherever required, to ensure statutory compliance and avoid loss of revenue to the Government exchequer. Documentary evidence of such compliance shall be furnished to the Authority.
15. EMP and institutional responsibility: The Environmental Management Plan shall clearly indicate the capital and recurring cost for pollution-control measures, spill-response systems, fire safety, monitoring, waste management, greenbelt development, training, mock drills and emergency preparedness. The responsible agency/person for each EMP measure shall be clearly identified.

16. Corporate Environmental Responsibility / TNMRF contribution: The Project Proponent may make an appropriate contribution to the Tamil Nadu Marine Resource Foundation as part of its environmental commitment. The contribution shall be over and above the mandatory EMP measures, and details of allocation and utilization shall be furnished to the Authority Recommendation of the TEC
17. All the above require an endorsement from the Port Authority and commitment to be part of the overall comprehensive Port Environmental Management Plan and Disaster Management Plan, and adequate precautionary measures to protect marine environment and collective sharing of operational data to TNPCB through Chennai Port as a single source. And overall strict adherence to CRZ regulations. It is advisable to get a commitment letter from the Chennai Port Authority

Subject to strict compliance with the above observations and specific conditions, and subject to obtaining all applicable statutory approvals, safety clearances, TNPCB consents, Port Authority approvals and CRZ clearance, the Technical Expert Committee recommends the proposal for consideration by the Tamil Nadu State Coastal Zone Management Authority.

Agenda Item No 4 Proposed Construction of Road from Veezhimar to Muthukuda Boat House at Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District by the Block Development Officer, Department of Rural Development and Panchayat Raj, Avudaiyarkovil, Pudukottai district (Single Window No. SW/277395/2026)

The District Coastal Zone Management Authority, Pudukottai has forwarded a proposal received from the Block Development Officer, Department of Rural Development and Panchayat Raj, Avudaiyarkovil, Pudukottai district for the Proposed Construction of Road from Veezhimar to Muthukuda Boat House at Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District. The project information and rapid EIA, EMP report prepared by M/s. ABC Techno Labs Private Limited, Chennai having NABET certificate No. NABET/EIA/2225/RA 0290, valid up to 15.11.2028.

Project Description:

The proposed construction of Road from Veezhimar to Muthukuda Boat House at Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District to improve accessibility for tourists and local residents. The total length of the road is 1217.10 m and width 3.75 m including 3 no of culverts and the length of road in CRZ area is 689.4 m. The road type is Water Bound Macadam (WBM) road constructed on vacant government land. The proposed project site is falling under CRZ-IB and CRZ III NDZ and the total cost of the project is Rs. 58.61 Lakhs.

Description	CRZ - Classification	Length in meters	Total Length in meters
Proposed Road	CRZ - IB	7.64	1217.10
	CRZ - III (NDZ)	681.76	
	Outside CRZ	527.70	
Proposed Culvert PC1	CRZ - III (NDZ)	1.5 m span	3 Nos
Proposed Culvert PC2	Outside CRZ		
Proposed Culvert PC3	CRZ - III (NDZ)		

Need of the project:

The Department of Rural Development & Panchayat Raj proposes to develop basic access infrastructure to improve connectivity and facilitate tourism-related activities in the Muthukuda region. As part of this initiative, an approach road from Veezhimar to Muthukuda Boat House is proposed for a length of 1.2 km with a carriageway width of

3.75 m, to be constructed as a Water Bound Macadam (WBM) road, ensuring safe and convenient access for local residents, tourists, and service vehicles. As part of the road infrastructure, Three culverts are proposed along the alignment to maintain natural drainage, including one culvert of 1.5 m span, to ensure uninterrupted flow of seasonal runoff and prevent waterlogging and flooding of the road.

Location of the project:

The geo coordinates of the project site is given below

Description	Label	Latitude	Longitude
Proposed Road	A	9° 52' 07.769" N	79° 6' 14.745" E
	B	9° 52' 01.998" N	79° 6' 24.203" E
	C	9° 51' 59.345" N	79° 6' 30.502" E
	D	9° 51' 52.084" N	79° 6' 33.945" E
	E	9° 51' 48.870" N	79° 6' 34.772" E
	F	9° 51' 47.131" N	79° 6' 36.759" E
	G	9° 51' 44.248" N	79° 6' 43.834" E
Proposed Culvert	PC1	9° 52' 03.764" N	79° 6' 20.908" E
	PC2	9° 52' 01.089" N	79° 6' 26.406" E
	PC3	9° 51' 52.084" N	79° 6' 33.945" E

Land details:

The proposed construction of Road from Veezhimar to Muthukuda Boat House at S. F. No. 70, 27, 85 and 88 in Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District is Government Poramboke land.

Man power requirement:

During the construction phase, approximately 20 workers will be employed for the proposed project. There is no post-construction manpower requirement, as the project involves the development of a public access road, which will be utilized for the benefit of local residents and visitors accessing the Muthukuda Boat House.

Water requirement:

The total water requirement for the project is 9 KLD, which will be met through supply from the Village Panchayat. The wastewater generated during the construction phase will be managed through mobile toilet. The water will be sourced from the tankers.

Power requirement:

During Construction phase 1 no. of DG set with 62.5 kVA capacity will be utilized.

Solid Waste generation:

During Construction period the solid waste generation will be 4 kg per day. It will be disposed by Village Panchayat as per Solid Waste Management-2016 norms.

S. No.	Source	No. of Persons	Generation rate kg /person/day	Quantity (kg/day)
1	Employee	20	0.2	4
Total				4

CRZ Classification and total cost of the project:

The proposed site falls in CRZ IB and CRZ III NDZ area and total cost of the project is Rs. 58.61 Lakhs.

Recommendation of DCZMA, Pudukottai district:

The subject proposal was placed before the DCZMA meeting held on 13.03.2026 and DCZMA recommended the project to SCZMA subject to the following conditions

1. The project proponent should ensure that proposed activities in CRZ area are as per provisions of CRZ Notification, 2011 (amended time to time).
2. 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 CRZ Zone -IB, CRZ III NDZ under point No. 8 I (ii) b 8 III (iii)(j) of CRZ Notification 2011.
3. The proposed construction shall not disturb the land and marine ecology.
4. The proposed activity shall not interfere with the fishermen, Marine patrol & public movement at any point of time. Also the fishing boats movement shall also not be hindered.
5. No ground water from Coastal regulation zone area shall be tapped for the proposed project.
6. The Project Proponent shall provide biotoilet with leach pit arrangement for the treatment and disposal of sewage generated during the construction phase.
7. All the solid waste will be generated during the construction phase shall be handled as per the Solid Waste Management Rules 2016.
8. The proposed project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and Marine).
9. The Project Proponent shall comply with the Environmental Management Plan both during construction and operational phases.
10. Construction of Road/culverts along the Pamban River shall not obstruct the tidal flow of the Sea water.
11. The proposed construction shall be designed and constructed in accordance to the seismic factors applicable to Seismic Zone-II.
12. The proposed construction shall comply with the Construction and Demolition Waste Management Rules, 2025.
13. The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning permission, Plan

Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.

14. As proposed the project proponent shall install Solar Panel of ROHs standards for lighting purposes.

The project proponent has submitted the replies to the above conditions vide letter dated: 04.04.2026.

Provisions of CRZ Notification, 2011:

S. No	Proposed facilities	CRZ zonation	Permissible activities as per CRZ notification 2011
1	Proposed road	CRZ IB	Para 8 I (ii). b. Construction of dispensaries schools, public rain shelter, community toilets, bridges, roads, jetties, (erosion control measures) water supply, drainage, sewerage, which are required for traditional, inhabitants, living within the biosphere reserves after obtaining approval from concerned CZMA.
		CRZ III NDZ	Para 8 III (iii) (j) Construction of dispensaries schools, public rain shelter, community toilets, bridges, roads, jetties, (erosion control measures) water supply, drainage, sewerage, which are required for traditional, inhabitants, living within the biosphere reserves after obtaining approval from concerned CZMA.
	As per the O.M. No. IA No.-12/1/2022-IA.III dated 26.04.2022 issued by MoEF & CC, GoI, which read in "para 2 (ii) Table Sl. No. 6, Construction of public utilities and amenities required for traditional/local inhabitants, as specified in Para 8 of the Notification". The proposal may be considered by the CZMA.		

Remarks of the Technical Expert Committee: (Meeting held on 15.05.2026)

The Block Development Officer, Avudaiyarkovil, Pudukottai District, presented the proposal for the construction of a 1.2 km approach road from Veezhimar to Muthukuda Boat House at Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District, to improve public access and connectivity to the Muthukuda Boat House.

The proposed road will have a carriageway width of 3.75 m and is proposed to be constructed as a Water Bound Macadam road under the MGNREGS scheme. The proposal also includes the construction of three culverts of 1.5 m span each. Out of the total road

length, 689.4 m falls within the CRZ area, and the project site falls under CRZ-IB and CRZ-III No Development Zone.

The Project Proponent stated that the proposed road is expected to increase tourist footfall from the present level of approximately 30-40 visitors per day to about 200-300 visitors per day. It was also informed that avenue plantation comprising 1,024 trees is proposed on either side of the road.

The Committee examined the proposal with reference to the provisions of the CRZ Notification, 2011, the approved CZMP, the ecological sensitivity of the area, tidal influence of the Pambar River, possible impacts on natural drainage and tidal flow, and the need to ensure that the proposed road does not adversely affect the coastal ecosystem.

Observations and Specific Conditions of the TEC

After detailed deliberations, the TEC recorded the following observations and specific conditions for consideration by the Tamil Nadu State Coastal Zone Management Authority:

1. **CRZ Compliance:** The proposed road shall be implemented strictly in accordance with the provisions of the CRZ Notification, 2011, the approved CZMP and the conditions imposed by the competent CRZ authority. No widening, expansion, hard paving, additional construction or change in alignment shall be undertaken within the CRZ area without prior approval of the competent authority.
2. **Protection of Tidal Flow and Natural Drainage:** The construction of the road and culverts along/near the Pambar River shall not obstruct tidal flow, natural drainage, floodwater movement or exchange of water between the riverine and adjoining coastal ecosystems. The culverts shall be designed with adequate hydraulic capacity to maintain natural water flow during normal, monsoon and extreme rainfall conditions.
3. **Culvert Design and Hydraulic Adequacy:** The PP shall ensure that the proposed three culverts are technically adequate in terms of location, span, invert level and carrying capacity. If required, the design shall be vetted by the competent technical authority to ensure that the road does not cause waterlogging, erosion, stagnation, salinity alteration or ecological disturbance.
4. **Minimal Intervention in CRZ-IB and NDZ Areas:** Since part of the project falls within CRZ-IB and CRZ-III NDZ, construction activity shall be limited to the approved alignment and approved project components only. No reclamation, filling of wetlands,

alteration of natural landform, obstruction of water channels, or disturbance to ecologically sensitive features shall be permitted.

5. **Construction Safeguards:** Construction shall be carried out with minimum disturbance to the coastal environment. No construction material, debris, excavated earth, silt, waste or machinery oil shall be dumped into the river, water body, low-lying area, intertidal area or coastal stretch.
6. **Construction and Demolition Waste Management:** The PP shall comply with the Construction and Demolition Waste Management Rules, 2024, as applicable, and directions of the competent authorities. All construction debris and surplus material shall be collected, transported and disposed of only at approved locations.
7. **No Groundwater Extraction:** No extraction of groundwater shall be carried out within the CRZ area for construction or maintenance of the proposed road. Water required for construction shall be sourced only from authorised sources.
8. **Tourism Carrying Capacity and Basic Amenities:** Since the proposed road is expected to increase tourist footfall, the local body shall ensure that adequate arrangements are made for solid waste management, sanitation, parking regulation, visitor safety and prevention of littering near the Boat House and adjoining coastal areas. Tourism development shall not lead to degradation of the riverine or coastal environment.
9. **Solid Waste Management in the Tourism Area:** The local body shall provide adequate waste collection bins, ensure regular removal of waste, prohibit dumping of waste into the river/coastal area, and manage all solid waste in accordance with applicable Solid Waste Management Rules and local body requirements.
10. **Energy Efficiency:** The PP shall explore installation of solar-powered street lighting along the road, wherever technically feasible, in coordination with the Tamil Nadu Green Energy Corporation Limited / competent agency. Lighting shall be designed in a manner that avoids unnecessary glare and disturbance to coastal fauna.
11. **Native Coastal Plantation:** Avenue plantation and greenbelt development shall be undertaken only with native coastal species in consultation with the Forest Department / District Forest Officer. Exotic, invasive or water-intensive species shall not be planted. The proposed plantation of 1,024 trees shall be implemented with a proper survival and maintenance plan.
12. **Maintenance Responsibility:** The PP / local body shall clearly identify the agency responsible for maintenance of the road, culverts, drainage openings, plantation, lighting, waste-management arrangements and visitor-management measures.

13. Environmental Management Measures: The PP shall include appropriate environmental safeguards in the project implementation plan, including erosion control, dust suppression, safe material storage, debris management, worker sanitation, plantation maintenance and post-construction monitoring.
14. Institutional Commitment / TNMRF Contribution: The PP may make an appropriate contribution to the Tamil Nadu Marine Resource Foundation as part of its environmental commitment. The contribution shall be over and above the mandatory EMP measures, and details of allocation and utilisation shall be furnished to the Authority.

Subject to strict compliance with the above observations and specific conditions, and subject to ensuring that the proposed road and culverts do not obstruct tidal flow, natural drainage or ecological functions of the Pambar River and adjoining CRZ areas, the TEC recommends the proposal for consideration by the Tamil Nadu State Coastal Zone Management Authority.

Agenda Item No.5 Proposed construction of Classrooms & Administrative Block and Compound Wall in Government College of Architecture and Sculpture at Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District by the Executive Engineer, Public Works Department, Chengalpattu district (Single Window No. SW/276042/2026)

The District Coastal Zone Management Authority, Chengalpattu has forwarded a proposal received from the Executive Engineer, Public Works Department, Chengalpattu district for the Proposed construction of Classrooms & Administrative Block and Compound Wall in Government College of Architecture and Sculpture at Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District. The project information and EIA report prepared by M/s. Hubert Enviro Care Systems (P) Ltd, Chennai having NABET certificate No. NABET/EIA/24-27/RA 0335, valid up to 31.03.2027.

Project Description:

The proposed project involves the "Construction of Class Rooms & Administration Block and Compound Wall in Government College of Architecture and Sculpture at Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District". The total project covers an area of 93,638.39 Sq.m. Existing Built up area is 5112 Sq.m. Proposed built up area is 3360 Sq.m. Proposed compound wall length is 206 m. The proposed project site falls under the CRZ-II zone.

The Principal, Government College of Architecture and Sculpture, Mamallapuram vide letter dated 17.02.2026 has certified that the college building and training centre building located at S.F.No. 87/2B1 are more than 30 years old. Further the unit has furnished the copy of the G.O. Ms. No. 99 dated 6th August 1956 Industries, Labour and cooperation (special) Department, Government of Madras to the Director of Industries and Commerce, Madras for the establishment of a training centre for sculpture at Mahabalipuram scheme.

Need of the project:

The existing buildings have deteriorated over time and are structurally damaged, posing safety risks and limiting the effective functioning of academic and administrative activities. Developing a new built-up facility will ensure a safe, stable, and well-equipped environment that supports quality education and institutional efficiency. The new classrooms will offer improved spatial planning, proper ventilation, lighting, and modern infrastructure to enhance teaching and learning experiences.

Project location:

The geo coordinates of the project location is given below

Description	Label	Latitude	Longitude
Project Site Boundary	A	12°38'4.716"N	80°11'49.500"E
	B	12°38'0.570"N	80°12'4.131"E

	C	12°37'54.172"N	80°12'2.057"E
	D	12°37'58.240"N	80°11'47.723"E
Proposed Building	E	12°38'3.507"N	80°11'52.291"E
	F	12°38'2.574"N	80°11'50.946"E
Proposed Compound Wall	A	12°38'4.716"N	80°11'49.500"E
	D	12°37'58.240"N	80°11'47.723"E

Land Area details:

1. Land Use Breakup details

S. No	Description	Existing Area (Sq.m)	Proposed area (Sq.m)	Area After Expansion (Sq.m)	% of land area
1	Plot Coverage	4310.29	1100	5410.29	5.8
2	Parking Area	1250	0	1250	1.3
3	Road	10248.1	0	10248.1	10.9
4	Greenbelt area	28547.7	0	28547.7	30.5
5	Vacant area	49282.3	-1100	48182.3	51.5
Total land area		93638.39	-	93638.39	100

2. Built up Area break up details

Existing Built-up area

Description	No. of floor	Area in Sq.m
First floor Admin GF store library Block	G+1	324
PWD section office	-	168.75
PWD store yard	-	295
Classroom	-	234
Work shed	-	471.6
Work shed	-	312
Sudhai Sculpture display yard	-	289
Toilet	-	12
Stone studio hall	-	241.5
Wood Studio hall	-	241.5
Wood studio addition	-	27.5
Smithy	-	72.6
Display hall	-	368
Staff room	-	79.12
Class room	G+1	463.4
Class room	G+1	816.62
Canteen	-	201.4
Toilet	-	65.2
Boys hostel	-	429.44
Total	-	5112.63

Height of the building is 9 m and FSI - 0.09

Proposed Built up Area:

Area (in Sq.m)			
Particulars	FSI	Non FSI	Total
Ground Floor	1100	-	1100
First Floor	1163		1163
Second Floor	1097		1097
Staircase Headroom		123	123
Portico		21	21
Total	3360	144	3504

CRZ Classification:

Description	CRZ Classification	Area in Sq.m
Project Site Boundary	CRZ II	93638.39
Proposed Building		1100.00
Description	CRZ Classification	Length in m
Proposed Compound Wall	CRZ II	206.00

Manpower Requirement:

Description	Existing	Proposed	Expansion
Staff	70	10	80
Student -day scholars	170	15	185
Student - hostel	70	15	85
Total	310	40	350

Water Requirement:

Construction Phase: 40 KLD (including domestic usage). The water will be sourced from Authorised Private tankers.

Operational Phase: Total water requirement is estimated to be 85 KLD of which fresh water will be 63 KLD and treated water will be 22 KLD. The treated water will be used for greenbelt/green cover development and flushing. The water will be sourced from Town Panchayat.

Solid waste generation and Disposal:

Waste type	Construction phase Quantity (kg/day)	Operation phase		Disposal method
		Existing Quantity (kg/day)	Proposed Quantity (kg/day)	
Organic waste	16.2	83.7	10.8	Will be disposed to Municipality bins
Inorganic waste	10.8	55.8	7.2	Will be disposed through authorized recycler
STP sludge	-	0	4	Will be dried and used as manure for green belt development
Total	27	139.5	22	

Sewage Generation:

Activity	Population. (No)	Fresh Water (KLD)	Sewage (KLD)	Treatment method
Construction	60	3	2.5	Will be treated by 5 KLD mobile STP and it will be reuse for greenbelt

Operation Phase

Activity	Population (No)	Fresh Water (KLD)	Sewage generation (KLD)	Treated water (Recycled water) (KLD)	Treatment method
Operation -Existing	310	81	19.5	0	Septic tank/soak pit
Proposed	40	3	2.5	2.5	Will be treated in proposed 25 KLD STP
After Expansion	350	63	22	22	

Power requirement:

Description	Existing	Proposed	After Expansion	Remarks
Power requirement	2.5 KW	5 KW	7.5 KW	TANGEDCO
Backup power*	-	125 KvA	125 KvA	DG sets
Fuel requirement (HSD)	0	0.2 LPD	0.2 LPD	Local Supplier such IOC, HP and BHP

Green belt development:

The total land area of the project site is 93,638.39 Sq.m. At present, 28,547.7 Sq.m (30.5%) of the total area has been provided as greenbelt area. During the construction of the admin building, 4 trees will be transplanted within the existing greenbelt area.

CRZ Classification and Project Cost:

The project site falls in CRZ II area. The total cost of the project is 13.08 Crores.

Recommendation of DCZMA of Chengalpattu district:

The DCZMA meeting of Chengalpattu district held on 11.03.2026 and the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent shall comply with all the provisions of the Coastal Regulation Zone Notification 2011.
2. The Project Proponent shall obtain necessary prior clearance for any change in scope of project.
3. The Project Proponent shall provide Sewage Treatment Plant (STP) as proposed for the treatment and disposal of sewage generated within the premises.
4. The Project Proponent shall provide Acoustic Enclosures with Stack for the proposed DG set.
5. There shall not be any withdrawal of ground water in CRZ area.
6. The Sewage and sludge should not be let into the sea water.
7. The Project Proponent shall manage the solid waste generated as per the solid Waste Management Rules, 2016 as proposed for the disposal of biodegradable and non-biodegradable solid wastes generated in the project areas.

The Project Proponent has submitted the replies to the above conditions vide letter dated 12.05.2026.

Provision of the CRZ Notification, 2011:

Sl. No.	Activity proposed	CRZ area	Permissibility Clause as per CRZ Notification. 2011
1	Proposed construction of Classrooms & Administrative Block and Compound Wall	CRZ -II	• As per para 8 II (i) of CRZ Notification 2011, buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures. • As per para 8 II (ii) of CRZ Notification 2011, buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the existing local town and country planning regulations including the 'existing' norms of Floor Space Index or Floor Area Ratio: Provided that no

			permission for construction of buildings shall be given on landward side of any new roads which are constructed on the seaward side of an existing road.
As per Para 4(i)(d) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.			

Remarks of the Technical Expert Committee: (Meeting held on 15.05.2026)

The Project Proponent, Executive Engineer, Public Works Department, Chengalpattu District, presented the proposal for the construction of **classrooms, administrative block and compound wall** at the Government College of Architecture and Sculpture, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District.

The total project area is **93,638.39 sq.m**. The existing built-up area is **5,112 sq.m**, and the proposed additional built-up area is **3,360 sq.m**. The total built-up area after the proposed expansion will be **8,472.63 sq.m**. The proposed compound wall along the roadside will have a length of **206 m**. The project site falls under **CRZ-II**.

The Committee examined the proposal with reference to the provisions of the CRZ Notification, 2011, the approved CZMP, the location of the site within CRZ-II, the nature of the proposed institutional/public building expansion, the need to verify the authorised status of the existing buildings, and the environmental safeguards required for water, wastewater, solid waste, construction debris, energy efficiency and landscaping.

Observations and Specific Conditions of the TEC

After detailed deliberations, the Technical Expert Committee recorded the following observations and specific conditions for consideration by the Tamil Nadu State Coastal Zone Management Authority:

1. Verification of pre-existing authorised structures: The PP shall produce documentary evidence before the Authority to establish the existence and authorised status of the existing buildings prior to 1991, including approved building plans, land records, ownership records, Government orders, planning permissions or any other relevant supporting documents.
2. CRZ-II permissibility and planning compliance: The proposed construction shall be implemented strictly in accordance with the provisions of the CRZ Notification, 2011, the approved CZMP, applicable town and country planning norms, building rules and other statutory requirements. The proposed construction shall not exceed the permissible FSI/FAR, footprint, height or other development-control norms applicable to the site.

3. Restriction to approved components: The PP shall undertake only the approved construction of classrooms, administrative block and compound wall as presented before the TEC. No additional construction, change in layout, change in use, expansion or alteration within the CRZ area shall be undertaken without prior approval of the competent authority.
4. Groundwater extraction prohibited: No groundwater shall be extracted within the CRZ area for construction or operational purposes. The PP shall ensure that water required for construction and operation is sourced only from authorised and approved sources.
5. Assured freshwater source: The PP shall submit a consent letter / supply assurance from the local body, Panchayat or authorised water-supply agency confirming the availability and assured quantity of freshwater required for the project during the construction and operation phases.
6. Sewage treatment and reuse: The PP shall install an appropriately designed sewage-treatment system/STP of adequate capacity. Treated wastewater shall be reused within the premises for flushing, landscaping or other permissible non-potable uses. No untreated or treated wastewater shall be discharged into coastal waters, drains, backwaters, low-lying areas or adjoining coastal stretches.
7. Zero Liquid Discharge / no discharge condition: The project shall adopt a no-discharge approach to the extent feasible. If a Zero Liquid Discharge system is proposed, it shall be designed, operated and maintained properly. The PP shall ensure that no effluent or sewage from the campus enters the sea, backwaters, drains or any natural water body.
8. Rainwater harvesting and stormwater management: A scientifically designed rainwater-harvesting and stormwater-management system shall be implemented within the campus. The system shall ensure recharge/storage, prevent waterlogging, minimise surface runoff, and avoid discharge of silt-laden or contaminated runoff into the coastal environment.
9. Solid waste management: Solid waste generated during the construction and operation phases shall be segregated, stored, collected and disposed of through authorised agencies in accordance with the Solid Waste Management Rules, 2026, as applicable, and local body requirements. No solid waste shall be dumped or burnt within the CRZ area.
10. Construction and demolition waste management: The PP shall comply with the applicable Construction and Demolition Waste Management Rules, as amended from

time to time. Construction debris, surplus earth and demolition waste shall be collected, transported and disposed of only at approved locations. Under no circumstances shall construction debris be disposed of in the sea, coastal stretch, drains, water bodies or low-lying areas.

11. Pollution prevention during construction: During construction, the Project Proponent shall ensure dust suppression, safe storage of construction materials, prevention of runoff, proper sanitation facilities for workers, and prevention of oil, cement slurry, debris or construction waste entering the coastal environment.
12. Energy conservation and rooftop solar: The PP shall examine and implement, wherever feasible, rooftop solar photovoltaic systems to meet part of the energy demand of the classrooms and administrative block during the operational phase.
13. Native coastal landscaping: Landscaping and greenbelt development shall be carried out exclusively with native coastal species in consultation with the District Forest Officer / Green Tamil Nadu Mission. Exotic, invasive or water-intensive species shall not be planted. The species list and plantation plan shall be submitted to the Authority before implementation.
14. Heritage and landscape sensitivity: Considering the location of the project at Mamallapuram, the design, height, facade, colour scheme and landscape treatment of the proposed buildings shall be consistent with the surrounding landscape, institutional character and heritage-sensitive setting of the area, as required under applicable planning and heritage-related norms.
15. Statutory approvals: The PP shall obtain all applicable approvals from the competent planning authority, local body, Fire and Rescue Services Department, TNPCB and any other statutory authority, wherever required, before commencement of construction.

Subject to production of documentary evidence establishing the authorised status/existence of the existing buildings prior to 1991, and subject to strict compliance with the above observations and specific conditions, the TEC recommends the proposal for consideration by the TNSCZMA.

Agenda Item No.6 Proposed construction of Tail End Regulator across Nandalar River at Chandrapadi Village, Tharangambadi Taluk, Mayiladuthurai district by the Executive Engineer, Water Resources Department, Cauvery Basin Division (East), Mayiladuthurai district (Single Window No. SW/270151/2025)

The District Coastal Zone Management Authority, Mayiladuthurai has forwarded a proposal received from the Executive Engineer, Water Resources Department, Cauvery Basin Division (East), Mayiladuthurai district for the proposed construction of Tail End Regulator across Nandalar River at Chandrapadi Village, Tharangambadi Taluk, Mayiladuthurai district. The project information and the EIA report prepared by M/s Green Envirocare Private Limited, Chennai having NABET certificate upto 19.10.2026.

Description of the project:

The proposed project involves the construction of a New Tail End Regulator, Drain Sluices, Generator room for Left Arm Tail End Regulator and Formation of Bund across the Nandalar River at LS 52.600 km, located near Chandrapadi village in Tharangambadi Taluk, Mayiladuthurai district. The primary purpose of this structure is to prevent sea water intrusion into the during high tides and storm surges, which currently affects both surface and groundwater quality in nearby villages. The regulator is to be constructed approximately 1.5 km upstream from the confluence of the river. The regulator is designed to manage a maximum flood discharge of 5500 cusecs, featuring 17 sluice vents, each measuring 3 meters wide and 1.60 meters high, with a total structure length of 70.20 meters.

Additional specifications include a sill level of (-) 0.10 m, a stilling basin level of (-) 2.0 m, and a floor length of 17 m, constructed using sulphate-resisting cement and anticorrosive materials suitable for the coastal environment. The structure also includes components such as generator room, drainage sluices and bund formations. The total project cost is estimated at Rs.50 crores and it is expected to enhance irrigation, recharge freshwater aquifers and prevent salinization of nearly 7362 acres of agricultural land in Tamil Nadu.

Design components:

- The Check Dam has been designed for a maximum flood discharge of 5500 cusecs.
- The U/s and D/s bed level proposed are -0.170m and -0.170m respectively.
- The sill level is fixed at -0.10m respectively as proposed.
- The F.M.W.L and R.W.L proposed are + 1.350m and +0.85m respectively.
- Stilling Basin level is (-)2.0m
- Since the project lies in the coastal zone area, PCC in M20 concrete using 40 mm downgraded metal has been proposed for the apron floor, abutment, wingwall and returns. The upstream and downstream cutoff walls are proposed in M25 concrete using 20 mm metal.

- A clear cover of 75mm shall be provided for the reinforcement provided in the basin portion.
- The proposed downstream protection works should be maintained periodically for effective functioning of the check dam.

Need of the project:

- The proposed Tail End Regulator will certainly arrest the sea water intrusion further in the upstream side.
- The Fresh water can be stored in upstream side of Regulators.
- Enhancing the Ground Water table of Chandrapadi, Poraiyur, Devanur, Poovam, Kazhugumedu villages in Tharangambadi Taluk of Mayiladuthurai district.
- To ensure the arrest the salinity for 7362 acres of agricultural land in Chandrapadi, Poraiyur, Devanur villages and surrounding villages.
- The proposed project will cater to all the water needs of general public and the farming community as well.

Location of the project:

The geocoordinates of the project site is given below

Label	Latitude	Longitude
A	11°0'19.26" N	79°50'32.90" E
B	11°0'17.02" N	79°50'33.66" E

CRZ Classification of the project site:

Project Description	CRZ Classification	Length (m)
Proposed Construction of Tail End Check Dam Regulator, drain sluices, Generator room for Left Arm Tail End Regulator and Formation of Bund	CRZ- IB	21.00
	CRZ -II	5.72
	CRZ III(NDZ)	0.67
	CRZ IVB	44.57
Total		72.60

Manpower requirement:

About 20 Nos of workers will be engaged temporarily during construction phase. It is expected that the total work force will be locally available from adjacent areas. After completion of the project no man power will be required for operation.

Water requirement:

The water requirement for construction is estimated about 1 KLD which will be met through private tankers of capacity 2,000 L. There is no requirement of water during operation phase.

Power requirement and source:

No power is required for the operation of regulator, Grooves based shutter is planned. During construction period the power required will be encountered by DG sets.

Solid waste generation:

During construction phase, minimal amount of domestic solid waste will be generated and it will be disposed through village panchayat.

CRZ Classification and Project cost:

The project site falls in CRZ-IB, CRZ II, CRZ III (NDZ) & CRZ-IVB areas and the total cost of the project is Rs.50 crore.

Recommendation of DCZMA for Mayiladuthurai district:

The DCZMA meeting of Mayiladuthurai district held on 29.07.2025 and the committee recommended the project to SCZMA subject to the following conditions

1. The unit shall dispose the Solid wastes to be generated if any as per the Solid Waste Management Rules, 2016.
2. The construction debris and other type of waste shall not be disposed of into the CRZ areas.
3. The project proponent shall start the construction activities only after obtaining CRZ Clearance from the Competent Authority.
4. The project proponent shall develop green belt around the project area.

The Project Proponent has submitted the replies for the above said conditions, vide letter dated 15.12.2025.

Recommendation of IIT Madras:

As per CRZ Notification, 2011, vide Para 3 (iv) (d), constructions in respect of 'measures to prevent sand bars, installation of tidal regulators, laying of storm water drains or for structures for prevention of salinity ingress and freshwater recharge based on carried out by any agency to be specified by MoEF, are permissible activities. The MoEF&CC, GoI has mentioned that IIT Madras is one of the agency for carrying out the study. Dr. Nilanjan Saha, Professor, Dept of Ocean Engineering, IIT Madras, Chennai has prepared a study of the said project and submitted the following summary and conclusions, vide Doc. No. IITM/DOE/NAN/SR/101, dated 11.09.2025.

- The project site is located at about 1.5 km upstream of confluence point.
- The inflow of tides are felt up to 2.34 km.
- By constructing the check dam, the sea water entry into the river during high tides will be prevented.
- The salinity of water in the surrounding areas and nearby domestic wells could be controlled.
- The recharging rate of ground water in the surrounding areas will be increased.
- The well water will be utilized to the agriculture and thereby increasing the food production.

- The project is necessary for water conservation which is one of the strategies for excess rainfall due to climate change.
- The confluence may be provided with additional training walls in future.
- The vetting is done for the proposal.
- Necessary quality of the construction is to be maintained and monitored by authorized project monitoring committee.

Provisions in CRZ Notification, 2011:

Proposed Structure	CRZ Classification	Permissible Activities
Proposed Construction of Tail End Regulator, Drain Sluices, Generator room for Left Arm Tail End Regulator and Formation of Bund.	CRZ - IB, II, III (NDZ), IVB	3 (iv) (d) measures to prevent sand bars, installation of tidal regulators, laying of storm water drains or for structures for prevention of salinity ingress and freshwater recharge based on carried out by any agency to be specified by MoEFCC. (Shoreline study done by IIT Madras submitted their report vide Doc No. IITM/DOE/NAN/SR/101, 11.09.2025)
		As per the CRZ Notification, 2011 Para 4 (i) (a), Clearance shall be given for any activity with the CRZ, if it requires waterfront and foreshore facilities.
As per Para 4(i) and 4.2. (ii) (c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.		

The proposal was placed before the 2nd Technical Expert Committee (TEC) meeting held on 12.01.2026. During the meeting, TEC decided that the proposal will be placed before the TNSCZMA Authority only after the receipt of the study from the Project Proponent.

The Project Proponent has submitted the reply for the TEC remarks vide letter dated 20.03.2026. The Proposal is again placed in the 5th TEC meeting held on 15.05.2026.

Remarks of the Technical Expert Committee: (Meeting held on 15.05.2026)

The Project Proponent, Executive Engineer, Water Resources Department, Cauvery Basin Division (East), Mayiladuthurai District, presented the resubmitted proposal for the construction of a **tail-end regulator across the Nandalar River** at Chandrapadi Village, Tharangambadi Taluk, Mayiladuthurai District.

The PP informed that the proposal was earlier placed before the Technical Expert Committee in its 2nd meeting held on 12.01.2026, during which the TEC had directed the submission of additional technical and environmental studies. The findings and recommendations of the studies have now been presented before the Committee.

The Committee also noted the technical submission made by the representative from IIT Madras that the mouth of the river remains closed for most part of the year, except during the monsoon season, resulting in minimal seawater entry into the river under normal conditions.

The TEC examined the proposal with reference to the provisions of the CRZ Notification, 2011, the approved CZMP, the earlier directions issued by the TEC, the salinity study, the model study, the potential impact of the regulator on tidal exchange, salinity intrusion, river-mouth dynamics, drainage, flood discharge, sediment movement, fisheries, and the ecological functioning of the coastal river system.

Observations and Specific Conditions of the TEC

After detailed deliberations, the Technical Expert Committee recorded the following observations and specific conditions for consideration by the Tamil Nadu State Coastal Zone Management Authority:

1. Compliance with earlier TEC directions: The PP shall clearly present before the Authority the compliance status of all directions issued by the TEC during the earlier appraisal of the proposal in the 2nd TEC meeting held on 12.01.2026. The compliance statement shall indicate the studies completed, agencies involved, methodology adopted, key findings and mitigation measures proposed.
2. Detailed presentation of salinity study: The salinity study carried out through a NABL-accredited agency shall be presented in detail before the Authority. The presentation shall include the number and location of samples collected across all three seasons includes every designated station ensuring that natural variability and monsoon driven hydrodynamics study, sampling season, sampling frequency, methodology adopted, salinity profile, groundwater salinity data, surface water salinity data, tidal influence, pre-monsoon and post-monsoon variation, profile maps and interpretation of results.
3. Groundwater and surface-water interaction: The salinity study shall specifically explain the interaction between river water, groundwater and seawater in the project influence area. The likely impact of the proposed regulator on prevention of saline intrusion, freshwater retention, groundwater quality and agricultural use shall be clearly brought out.
4. Comprehensive hydrodynamic / model study: The results of the comprehensive model study carried out by the reputed technical institution shall be presented in detail before the Authority. The model shall address tidal propagation, river discharge, monsoon flow, flood discharge, salinity movement, backwater effect, sediment movement, river-mouth closure/opening condition and possible upstream/downstream impacts of the proposed regulator.

5. IIT Madras technical presentation: The technical presentation of IIT Madras shall be placed before the Authority, clearly explaining the scientific rationale, design basis and strategic advantages of the proposed tail-end regulator, particularly with reference to interception of tidal flow, control of saline intrusion, freshwater conservation, flood management and protection of agricultural lands and local livelihoods.
6. River-mouth dynamics and tidal exchange: Since the river mouth is stated to remain closed for most part of the year except during the monsoon season, the PP shall clearly explain how the proposed regulator will perform under both closed-mouth and open-mouth conditions. The proposal shall ensure that the structure does not cause adverse impacts on natural drainage, flood discharge, sediment transport or river-mouth stability.
7. Flood and drainage safety: The design of the regulator shall ensure safe passage of monsoon flows, floodwaters and upstream drainage. The structure shall not result in upstream flooding, waterlogging, stagnation or obstruction of natural drainage. The design flood, return period, gate operation protocol and emergency operation procedure shall be clearly furnished.
8. Gate operation and maintenance protocol: A detailed operation and maintenance protocol shall be prepared for the regulator. The protocol shall specify gate operation during normal season, monsoon season, flood events, high tide, cyclone/heavy rainfall events and emergency conditions. The responsible authority and chain of command for gate operation shall be clearly defined.
9. Environmental Management Plan: The Environmental Management Plan shall adequately cover all mitigation measures, environmental safeguards and monitoring activities during both construction and operation phases. The EMP shall include capital and recurring cost provisions, implementation responsibility, monitoring frequency and reporting mechanism.
10. Construction-phase safeguards: During construction, the PP shall ensure that there is no dumping of excavated material, construction debris, cement slurry, oil, grease or waste into the river, CRZ area or adjoining coastal stretch. Temporary diversion, if any, shall not adversely affect river flow, aquatic life or local users.
11. Sedimentation and silt management: The PP shall prepare a sediment and silt management plan to avoid excessive siltation upstream or downstream of the regulator. Desilting, if required, shall be carried out only with appropriate safeguards and necessary permissions.
12. Aquatic ecology and fisheries safeguards: The PP shall assess and address potential impacts on aquatic ecology, fish movement, local fisheries and riverine biodiversity.

Appropriate mitigation measures shall be included in the EMP, particularly if the local communities depend on the river for fisheries or related livelihood activities.

13. Water-quality monitoring: A long-term water-quality monitoring programme shall be implemented covering salinity, pH, dissolved oxygen, turbidity, nutrients and other relevant parameters. Monitoring shall be carried out upstream and downstream of the regulator during pre-monsoon, monsoon and post-monsoon periods.
14. Community and stakeholder consultation The PP shall document consultations with local communities, farmers, fishers and Panchayat representatives, particularly on expected benefits, possible impacts, gate operation, water sharing, flood concerns and maintenance arrangements.
15. No adverse impact on CRZ and coastal ecosystems: The project shall not cause adverse impact on the CRZ area, riverine ecosystem, coastal drainage, floodplain, intertidal area, mangroves, mudflats, fisheries or any ecologically sensitive features, if present in the project influence area.
16. Statutory approvals and compliance The PP shall obtain all applicable statutory approvals and clearances from the competent authorities before commencement of work. The proposal shall be implemented only in accordance with the approved design, approved alignment and conditions imposed by the Authority.

Furthermore, such projects demand pre-planning by the Water Resources Department (WRD) to design appropriate sampling grids, seasonal coverage, and analytical protocols, thereby ensuring compliance with MoEF&CC regulations and safeguarding fisheries and biodiversity.

Subject to detailed presentation of the salinity study, comprehensive model study, IIT Madras technical justification, EMP, gate operation protocol, flood-safety provisions and environmental safeguards, the TEC recommends the proposal for consideration by the Tamil Nadu State Coastal Zone Management Authority.

Agenda Item No. 7 Any other subject with the permission of the Chair

Sd./- xxxx

**Tmt Asha Ajith, I.A.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 35.**

Sd./- xxxx

**Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State
Coastal Zone Management
Authority and Additional Chief
Secretary to Government,
Environment, Climate Change &
Forest Department,
Secretariat, Chennai - 9.**

Minutes of the 142nd meeting of Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 18.06.2026

The Member Secretary extended a warm welcome to the Chairperson and all members of the Tamil Nadu State Coastal Zone Management Authority for the 142nd meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA).

Agenda Item No. 01: **Confirmation of the minutes of the 141st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.03.2026**

The 141st meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 20.03.2026 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1 /DOECC/892/2024, dated 30.04.2026.

Agenda Item No.02: **The action taken on the decisions of 141st meeting of the Authority held on 20.03.2026.**

The Member Secretary briefed the Members about the action taken by the Department of Environment and Climate Change in response to the decisions made during the 141st meeting held on 20.03.2026, which was noted down by the members.

Agenda Item No.03: **Proposed construction of Edible Oil and Non-class Products Storage Tank Terminal Facility of 33092 KL at Map Id: AOS01D -O Yard in area I (north) of Chennai Port Trust Area, Chennai by M/s. P.A.S. Solvents and Oils, Mylapore, Chennai (Single Window No. SW/275275/2026)**

Project Cost: Rs.20 Crore

CRZ Classification: CRZ-II & CRZ IV A areas

Provisions in CRZ Notification, 2011:

- As per Para 8 (i) II CRZ II (vi) storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports;
- As per Para 4 (ii) (d) laying of pipelines, conveying systems, transmission line are permissible activities and it requires clearance from MoEF&CC, GoI.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Project Proponent, M/s. P.A.S. Solvents and Oils, presented a proposal for the construction of an Edible Oil and Non-Class Products Storage Tank Terminal Facility with a total storage capacity of 33,092 KL within the Chennai Port Trust Area on an allotted land area of 4,460 sq.m. The proposed built-up area is 2,905.14 sq.m. The storage

tanks are located in CRZ-II, while the associated pipelines traverse CRZ-II and CRZ-IVA areas. The tank farm area comprises of 11 edible oil storage tanks with a capacity of 30,084 KL and 2 non-class product storage tanks with a capacity of 3,008 KL for storing oils and other non-class approved products imported from Indonesia, Malaysia, and Russia.

The TNSCZMA reviewed the recommendation of the DCZMA, Chennai district, in the meeting held on 02.03.2026. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to recommend the proposal to MoEF&CC, GoI for CRZ Clearance with the following conditions:

A. Specific conditions:

1. The Project Proponent shall register the TF 5 years agreement dated 21.01.2025 executed with the Board of Chennai Port Authority under relevant Act/ Rule etc., immediately to avoid loss of exchequer to Government.
2. The comprehensive Disaster Management Plan, including measures for oil spill prevention and response, leak detection and control, fire safety, and the management of other hazardous incidents associated with the facility, shall be integrated with the existing Emergency and Disaster Management Plan of the Port Authority.
3. The Project Proponent shall prepare a detailed Standard Operating Procedure (SOP) for the effective implementation of emergency preparedness, response, and mitigation measures to address any hazardous incidents including but not limited to oil spills, non-class chemical leaks, fires, explosions, pipeline safety & other emergencies. The SOP shall clearly define roles and responsibilities of on-site / off-site emergency plan and shall be aligned with the comprehensive Disaster Management Plan.
4. The Project Proponent shall establish effective coordination mechanisms with the Port Authority, local Disaster Management Authorities, TNPCB and other relevant agencies for immediate effective implementation of emergency response measures in the event of any hazardous incidents.
5. A separate Oil Spill Contingency Plan aligned with the National Oil Spill Disaster Contingency Plan (NOSDCP) shall be developed, updated and tested periodically in coordination with the Port Authority.
6. Dedicated firefighting systems and fire alarms installations shall be provided at tank farm areas, with backup systems.
7. Adequate bund walls or dwarf walls shall be provided and properly maintained along the pipeline route to prevent accidental spillage or leakage from reaching marine waters and adjoining coastal areas.

8. The Continuous environmental monitoring of air, water, and soil quality shall be undertaken in coordination with the Port Authority both during construction and operational phase and the results to be reported to the Authority/ TNPCB periodically.
9. The project activity shall not disturb the surrounding marine and coastal ecosystems including flora and fauna.
10. As committed by the Proponent during the presentation, a voluntary contribution of Rs. 30 Lakhs may be deposited to the Tamil Nadu Marine Resources Foundation (TNMRF) for conservation, mitigation and restoration of marine resources.

B. General conditions

1. No construction activity shall be started prior to obtaining CRZ clearance from the competent authority. The Project Proponent should also get required clearances such as Planning Permission, Plan Approval and other statutory clearances.
2. Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011, and shall not be undertaken at any stage.
3. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
4. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed off into the CRZ area or in the sea.
5. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.
6. The Consent to Establish, Consent to Operate 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.
7. The project proponent is required to set up an Environment Management Cell to oversee and ensure the effective implementations of the recommendations outlined in the Environmental Management Plan included in the EIA report of the project.
8. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No.4 Proposed Construction of Road from Veezhimar to Muthukuda Boat House at Muthukuda Village, Avudaiyarkovil Taluk, Pudukottai District by the Block Development Officer, Department of Rural Development and Panchayat Raj, Avudaiyarkovil, Pudukottai district (Single Window No. SW/277395/2026)

Project Cost: Rs. 58.61 Lakhs

CRZ Classification: CRZ IB and CRZ III NDZ area

Provisions in CRZ Notification, 2011:

S. No	Proposed facilities	CRZ zonation	Permissible activities as per CRZ notification 2011
1	Proposed road	CRZ IB	Para 8 I (ii) b Construction of dispensaries schools, public rain shelter, community toilets, bridges, roads, jetties, (erosion control measures) water supply, drainage, sewerage, which are required for traditional, inhabitants, living within the biosphere reserves after obtaining approval from concerned CZMA.
		CRZ III NDZ	Para 8 III (iii) (j) Construction of dispensaries schools, public rain shelter, community toilets, bridges, roads, jetties, (erosion control measures) water supply, drainage, sewerage, which are required for traditional, inhabitants, living within the biosphere reserves after obtaining approval from concerned CZMA.
	As per the O.M. No. IA No.-12/1/2022-IA.III dated 26.04.2022 issued by MoEF & CC, GoI, which read in "para 2 (ii) Table Sl. No. 6, Construction of public utilities and amenities required for traditional/local inhabitants, as specified in Para 8 of the Notification". The proposal may be considered by the CZMA.		

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Block Development Office, Avudaiyarkovil Panchayat Union, Pudukkottai District, made a detailed presentation of the proposed road connecting Veezhimar main road to Muthukuda Boat House to provide public access to the Muthukuda Boat House which is presently having no proper road to access. The PP stated that the total length of the road is 1,217.10 m, out of this, 689.4 m falls within the CRZ-IB and CRZ-III (No Development Zone). The land classification is government poramboke land.

The proposed road comprises a Water Bound Macadam (WBM) surface under the MGNREGS scheme and includes the construction of three culverts, each of 1.5 m span.

The TNSCZMA reviewed the recommendation of the DCZMA, Pudukottai district, in the meeting held on 13.03.2026. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to issue CRZ Clearance as per the O.M. No. IA No.-12/1/2022-IA.III dated 26.04.2022 issued by MoEF & CC, GoI, which read in "para 2 (ii) Table Sl. No. 6, Construction of public utilities and amenities required for traditional/local inhabitants, as specified in Para 8 of the Notification, which empowers the SCZMA to issue CRZ Clearance, subject to the Specific and General conditions:

A. Specific conditions

1. The construction of the road and culverts along or near the Pambar River shall not obstruct natural drainage or the free movement of floodwaters.
2. The PP shall ensure that the proposed 3 Nos of 1.5m span culverts are technically adequate in terms of location, span, invert level and carrying capacity.
3. The construction activity shall be limited to the approved alignment and approved project components only, No reclamation, filling of wetlands, alteration of natural landform, obstruction of water channels, or disturbance to ecologically sensitive features shall be permitted.
4. Both the local body and TTDC shall ensure adequate arrangements for solid waste management, sanitation, parking regulation, visitor safety, and prevention of plastic littering near the Boat House and adjoining coastal areas and shall not lead to degradation of the riverine or coastal environment.
5. The Project Proponent shall explore the feasibility of installing solar-powered street lighting along the road in coordination with the Tamil Nadu Green Energy Corporation Limited or any other competent agency. The Lighting shall be designed in a manner that avoids unnecessary glare and disturbance to coastal fauna.
6. Avenue plantation and greenbelt development shall be undertaken only with native coastal species in consultation with the District Forest Officer. Exotic, invasive or water-intensive species shall not be planted. The proposed plantation of 1,024 trees shall be implemented with a proper survival and maintenance plan.
7. The Project Proponent/ TTDC shall clearly maintain the road, culverts, drainage openings, plantation, lighting, waste management arrangements, and visitor management measures.
8. The PP shall include appropriate environmental safeguards in the project implementation plan both during construction and operation phase including

erosion control, dust suppression, safe material storage, debris management, worker sanitation, plantation maintenance and post-construction monitoring.

B. General conditions

1. No construction activity shall be started prior to obtaining CRZ clearance from the competent authority.
2. Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011, and shall not be undertaken at any stage.
3. The construction debris and other type of waste shall not be disposed of into the CRZ area or in the backwater.
4. Project Proponent shall undertake the establishment only after getting the required Clearance from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
5. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
6. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed off into the CRZ area or in the sea.
7. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.
8. The project proponent is required to set up an Environment Management Cell to oversee and ensure the effective implementations of the recommendations outlined in the Environmental Management Plan included in the EIA report of the project.
9. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No.5 Proposed construction of Classrooms & Administrative Block and Compound Wall in Government College of Architecture and Sculpture at Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District by the Executive Engineer, Public Works Department, Chengalpattu district (Single Window No. SW/276042/2026)

Project Cost: 13.08 Crore.

CRZ Classification: CRZ II area

Provisions in CRZ Notification, 2011:

Sl. No.	Activity proposed	CRZ area	Permissibility Clause as per CRZ Notification. 2011
1	Proposed construction of Classrooms & Administrative Block and Compound Wall	CRZ -II	• As per para 8 II (i) of CRZ Notification 2011, buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures. • As per para 8 II (ii) of CRZ Notification 2011, buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the existing local town and country planning regulations including the 'existing' norms of Floor Space Index or Floor Area Ratio: Provided that no permission for construction of buildings shall be given on landward side of any new roads which are constructed on the seaward side of an existing road.
As per Para 4(i)(d) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.			

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Project Proponent, the executive engineer, Public Works Department, Chengalpattu District, presented the proposal for the construction of classrooms, administrative block and compound wall at the Government College of Architecture and Sculpture, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu District. The total project area is 93638.39 sq.m. The existing built-up area is 5112 sq.m, and the proposed additional built-up area is 3360 sq.m. The total built-up area after the proposed expansion will be 8472.63 sq.m. The proposed compound wall along the roadside will have a length of 206 m. The project site falls under CRZ-II area.

The TNSCZMA reviewed the recommendation of the DCZMA, Chengalpattu district, in the meeting held on 11.03.2026. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

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

A. Specific conditions:

1. The proposed construction shall be implemented strictly in accordance with the provisions of the CRZ Notification, 2011, applicable town and country planning norms, building rules and other statutory requirements. The proposed construction shall not exceed the permissible FSI/FAR, plinth area, height or other development-control norms applicable to the site.
2. The plinth level of the proposed building shall be adequately above the Highest Flood Level (HFL) to avoid flood-related risks.
3. The Project Proponent shall adopt advanced tertiary treatment processes so that the treated effluent meets the quality requirements for complete reuse.
4. The Project Proponent shall implement Zero Liquid Discharge (ZLD) mechanism to prevent any discharge of sewage, greywater, or effluents into adjoining CRZ area/ Sea. The treated water shall be utilized for on-site green belt, toilet flushing and other permissible non-potable uses.
5. An integrated solid and liquid waste management system shall be implemented, covering both the proposed and existing structures within the campus, and the disposal of such waste shall conform to CRZ norms and local body regulations.
6. The Rooftop solar photovoltaic panels shall be installed to the maximum extent possible to meet the energy requirements of the Research Establishment.
7. A scientifically designed rainwater harvesting system shall be implemented to conserve water and improve groundwater recharge.
8. A greenbelt comprising exclusively of indigenous and salt-tolerant coastal species shall be developed along the periphery of the project site to act as a bio-shield.
9. During construction, the Project Proponent shall ensure dust suppression, safe storage of construction materials, prevention of runoff, proper sanitation facilities for workers, and prevention of oil, cement slurry, debris or construction waste entering the coastal environment.
10. The Project Proponent shall ensure that the natural habitats, including terrestrial and marine flora and fauna, remain undisturbed during the execution and operation of the project.

B. General Conditions

1. No construction activity shall be started prior to obtaining CRZ clearance from the competent authority. The Project Proponent should also get required

clearances such as Planning Permission, Plan Approval and other statutory clearances.

2. Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011, and shall not be undertaken at any stage.
3. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
4. Consent to Establish, Consent to Operate shall be obtained from the Tamil Nadu 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.
5. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed of into the CRZ area or in the backwater.
6. A Comprehensive Disaster Risk Management Plan shall be prepared and submitted, detailing strategies to mitigate risks associated with cyclones, flooding and storm surges, given the coastal vulnerability of the project location.
7. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure no environmental impact.
8. The project proponent is required to set up an Environment Management Cell to oversee and ensure the effective implementations of the recommendations outlined in the Environmental Management Plan included in the EIA report of the project.
9. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No.6 Proposed construction of Tail End Regulator across Nandalar River at Chandrapadi Village, Tharangambadi Taluk, Mayiladuthurai district by the Executive Engineer, Water Resources Department, Cauvery Basin Division (East), Mayiladuthurai district (Single Window No. SW/270151/2025)

Project Cost: Rs.50 Crore.

CRZ Classification: CRZ-IB, CRZ II, CRZ III (NDZ) & CRZ-IVB areas

Provisions in CRZ Notification, 2011:

Proposed Structure	CRZ Classification	Permissible Activities
Proposed Construction of Tail End Regulator, Drain Sluices, Generator room for Left Arm Tail End Regulator and Formation of Bund.	CRZ - IB, II, III(NDZ), IVB	Para 3 (iv) (d) measures to prevent sand bars, installation of tidal regulators, laying of storm water drains or for structures for prevention of salinity ingress and freshwater recharge based on carried out by any agency to be specified by MoEFCC. (Shoreline study done by IIT Madras submitted their report vide Doc No. IITM/DOE/NAN/SR/101, 11.09.2025)
		As per the CRZ Notification, 2011 Para 4 (i) (a), Clearance shall be given for any activity with the CRZ, if it requires waterfront and foreshore facilities.
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 Tamil Nadu State Coastal Zone Management Authority:

The Project Proponent presented the proposal for the construction of a new Tail End Regulator, Drain Sluices, and a Generator room for the Left Arm Tail End Regulator, along with the formation of a bund across the Nandalar River at L.S. 52.600 km. The site is located near Chandrapadi Village, approximately 1.5 km upstream of confluence point. The PP also stated that the site selection was based on a strategic recommendation given by IIT Madras to intercept tidal flow and prevent seawater intrusion during high tides and storm surges.

The TNSCZMA reviewed the recommendation of the DCZMA, Mayiladuthurai district, in the meeting held on 29.07.2025. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) meetings held on 12.01.2026 and 15.05.2026 and the responses provided by the Project Proponent for those comments.

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

A. Specific conditions

1. The structural design of the proposed Tail End Regulator shall be technically vetted with IIT Madras, prior to the commencement of construction.

2. The design of the regulator shall ensure safe passage of monsoon flows, floodwaters and upstream drainage. The structure shall not result in upstream flooding, waterlogging, stagnation or obstruction of natural drainage.
3. Adequate measures shall be taken to prevent excessive sedimentation, erosion, or silt accumulation upstream and downstream of the regulator, and the natural riverbed profile and drainage pattern shall be maintained.
4. The regulator shall be maintained periodically in good operating condition. Plastic waste and other debris accumulating in and around the regulator shall be regularly removed and disposed of through authorized waste management facilities.
5. A detailed operation and maintenance protocol shall be prepared for the regulator. The protocol shall specify gate operation during normal season, monsoon season, flood events, high tide, cyclone/heavy rainfall events and emergency conditions.
6. The proposed activity does not cause any adverse impact on the marine environment, including marine flora and fauna. Adequate measures shall be taken to protect the biodiversity of the area, and the ecological integrity of the coastal and marine ecosystem shall be maintained at all times.
7. The PP shall assess and address potential impacts on aquatic ecology, fish movement, local fisheries and riverine biodiversity. Appropriate mitigation measures shall be included in the EMP, particularly if the local communities depend on the river for fisheries or related livelihood activities.
8. A long-term water-quality monitoring programme shall be implemented covering salinity, pH, dissolved oxygen, turbidity, nutrients and other relevant parameters. Monitoring shall be carried out upstream and downstream of the regulator during pre-monsoon, monsoon and post-monsoon periods.
9. The PP shall document consultations with local communities, farmers, fishers and Panchayat representatives, particularly on expected benefits, possible impacts, gate operation, water sharing, flood concerns and maintenance arrangements.
10. The project shall not cause adverse impact on the CRZ area, riverine ecosystem, coastal drainage, floodplain, intertidal area, mangroves, mudflats, fisheries or any ecologically sensitive features, if present in the project influence area.
11. A Environmental Monitoring mechanism shall be in place and any Authorized Institution (such as IIT Madras, Anna University etc.) shall be engaged for monitoring in order to ensure that there shall not be any ecological damage caused during and execution of the project and report should be submitted to DCZMA / TNSCZMA periodically.
12. The Project Proponent shall implement all recommendations and mitigation measures suggested in the various studies conducted for the project.
13. The bund areas shall be afforested with native tree species and Greenbelt shall be developed around the projects.
14. The proposed activity shall not cause any impact to fishing related activities.

15. The Project Proponent shall implement the recommendations of IIT Madras, including the provision of additional training walls at the confluence
16. The Project Proponent shall implement all recommendations and mitigation measures suggested in the EIA studies conducted for the project.

B. General Conditions

1. No construction activity shall be started prior to obtaining CRZ clearance from the competent authority. The Project Proponent should also get required clearances such as Planning Permission, Plan Approval and other statutory clearances.
2. Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011, and shall not be undertaken at any stage.
3. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
4. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed of into the CRZ area or in the backwater.
5. A Comprehensive Disaster Risk Management Plan shall be prepared and submitted, detailing strategies to mitigate risks associated with cyclones, flooding and storm surges, given the coastal vulnerability of the project location.
6. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure no environmental impact.
7. The project proponent is required to set up an Environment Management Cell to oversee and ensure the effective implementations of the recommendations outlined in the Environmental Management Plan included in the EIA report of the project.
8. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Other Instructions

- The Chairperson instructed the Member Secretary to present the status of CRZ violation cases and the action taken report before the Authority in the subsequent meetings.
- The Chairperson observed that separate Oil Spill Contingency Plans are being maintained in a piecemeal manner by various oil storage companies within the Chennai Port. Hence, the Chairman directed the Member Secretary to instruct the Port Authority, through the Government, to integrate all fragmented Oil Spill Contingency Plans of the oil storage companies with the existing Oil Spill Contingency Plan of the Port

Authority and to obtain approval from the Indian Coast Guard, to ensure coordinated preparedness and an effective response to oil spill incidents.

Sd./- xxxx

**Tmt Asha Ajith, I.A.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 600035.**

Sd./- xxxx

**Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State Coastal
Zone Management Authority and
Additional Chief Secretary to Government,
Environment, Climate Change &
Forest Department,
Secretariat, Chennai - 9.**