

119th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 12.12.2022 (Monday)

Time: 11.00 A.M.

Venue:

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

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Agenda Item No. 01: Confirmation of the minutes of the 118th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 14.10.2022

The 118th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 14.10.2022 and the minutes were communicated to the Members of the Authority, vide this office letter No.P1/1950/2021 dated 14.11.2022.

Agenda Item No.02: The action taken on the decisions of 118th meeting of the Authority held on 14.10.2022

Sl. No.	Subject	Action taken
01	Development of "New Four Lane Elevated Road from Chennai Port to Maduravoyal (NH-4) proposed by the Chief Engineer, Chennai Port Authority, Chennai	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1548/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18818/EC-3/2022-1 dated 05.12.2022.
02	Proposed construction of Integrated Storm Water Drains (ISWD) in Kovalam Basin-M2 by the Superintending Engineer, Storm Water Drain Department, Greater Chennai Corporation, Chennai	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1522/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18838/EC-3/2022-1 dated 05.12.2022.

Sl. No.	Subject	Action taken
03	Construction of Fish Landing Centre at Keezhathottam Village in Pattukottai Taluk, Thanjavur district by Assistant Director, Department of Fisheries and Fishermen Welfare, Thanjavur	As resolved by the Authority, the proposal has been forwarded SEIAA, for issuing Clearance, vide this office letter No. P1/838/2022, dated 23.11.2022
04	Reconstruction of Bathing Ghats (Stone Mandapam, Entrance Stone Arch, Stone handrails in Bathing Ghats) and passenger Boat Jetty at Rameswaram proposed by the Department of Tourism, Govt. of Tamil Nadu, Chennai	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1512/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18840/EC-3/2022-1 dated 05.12.2022.
05	Capacity optimization of the Operational Ennore Coal Terminal Private Limited (ECTPL) at Kamarajar Port, Puzhuthivakkam Village, Ponneri Taluk, Tiruvallur District.	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1676/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18832/EC-3/2022-1 dated 01.12.2022.
06	Providing temporary walkways for the differently abled persons at Elliot's Beach, Besant Nagar, Urur Olcottkuppam Village, Velachery Taluk, Chennai district by Superintending Engineer, Bus Route Road Department, Greater Chennai Corporation	As resolved by the Authority, the proposal has been forwarded SEIAA, for issuing Clearance, vide this office letter No. P1/1435/2022, dated 26.11.2022
07	Construction of Beach Resort at S.No.87/1B, 87/1A2, 87/2, 87/1B1A, 81/2B2 at Kannirajapuram Village, Kadaladi Taluk, Ramanathauram district by M/s. K four Apartments & Hotels Pvt. Ltd., Madurai	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1532/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18839/EC-3/2022-1 dated 01.12.2022.

Sl. No.	Subject	Action taken
08	9 MMTPA Refinery in Nagapattinam - Relocation of Desalination Plant & its related pipeline facilities - Amendment of Coastal Regulation Zone (CRZ) Clearance of Cauvery Basin Refinery (CBR) Project	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1956/2022, dated 23.11.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 18841/EC-3/2022-1 dated 01.12.2022.
09	Proposed additional construction of building (Anechoic Chamber) to the earlier existing warehouse & R&D building, at Ernavoor Village, Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai by M/s. MRF Limited, Chennai	As resolved by the Authority, the Standing Counsel was requested to give opinion on the proposed activity, vide this office letter No.P1/1595/2022
10	Proposed Establishment of Petrol / Diesel Bunk at SF No. 628/16C2, Chinnamuttam Village, Agastheeswaram Taluk, Kanyakumari district by Thiru J. Justin, Kanyakumari	As resolved by the Authority, the proposal has been forwarded DTCP for issuing Clearance, vide this office letter No. P1/997/2022, dated 23.11.2022
11	Forming an Expert Committee for monitoring the construction of Curved Training Walls (Groyne) in the Northern and Southern sides of Cooum River Mouth (Eastern side of Regulator) and allied works for the sustainable opening of Cooum River Mouth in Chennai district	As decided by the Authority, the proposal for forming the Expert Committee was sent to Government, vide letter No. P1/2500/2021, dated 23.11.2022
12	Forming an Expert Committee for monitoring the construction of training walls in the Northern and Southern sides of Ennore Creek / Inlet (South Side of M/s. KPL Ltd.) and deepening the Kosasthalaiyar River mouth for the sustainable opening of River mouth in Thiruvottiyur Taluk, Tiruvallur district	As decided by the Authority, the proposal for forming the Expert Committee was sent to Government, vide letter No. P1/1932/2021, dated 23.11.2022
13	Directions on OA No.234 of 2017 filed at the Hon'ble NGT (SZ) on unauthorized construction of St. Peter and Paul Sea Food Export Pvt. Ltd., Royapuram, Chennai.	As decided by the Authority, the Govt. was requested to give directions to GCC / CMDA, vide this office letter No. P1/2259/2017, dated 23.11.2022

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Agenda Item No.03 Proposed construction of Marine Bridge connecting Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue at Kanyakumari by the Divisional Engineer, Highways Department, Nagercoil

The Divisional Engineer, Highways Department, Nagercoil has proposed for the construction of Marine Bridge connecting Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue at Kanyakumari Village, Kanyakumari district.

Need of the concrete bridge

The Project Proponent stated that Tourists are taken to Vivekananda rock memorial and Thiruvalluvar statue by ferry service. The existing jetties at both rocks have facility to berth only one vessel at a time. Since the number of tourists visiting the site is increasing day by day, the existing ferry service is not able to meet the requirements. During low tide, it is difficult to operate ferries from Vivekananda Rock memorial to Thiruvalluvar Statue by which the tourists had to turn back without visiting the Thiruvalluvar statue spot. To overcome the existing demand, to enhance the capacity of visitors to these two monuments and to give an opportunity to the tourists to visit Thiruvalluvar Statue island even during low tide period also, it is necessary to construct a foot over Marine bridge connecting both monuments.

Existing clearance

The Executive Engineer (Civil), Tamil Nadu Maritime Board, Chennai has proposed to construct a Pedestrian Bridge (Walkway Bridge) between Swami Vivekananda and Ayyan Thiruvalluvar Memorial Rocks, Agastheeswaram Taluk, Kanyakumari district, for Clearance under the CRZ Notification, 2011. The proposed Pedestrian Steel Truss Bridge is falling in CRZ-II, CRZ-IB and CRZ-IVA Zonations with the span of 140m having a width of 7.5 mts. The Project Proponent furnished a HTL Demarcation map duly showing the location of the above bridge. The proposal was placed before the TNSCZMA through circulation Agenda dated 22.10.2020 and the Authority has resolved to Clear the proposal. Hence, Clearance under the CRZ Notification, 2011 was issued to the project vide Proc. No. P1/2026/2020, dated 24.10.2020.

Present proposal

The Project Proponent stated that the principle approval permitting Tamil Nadu Maritime Board (TNMB) to take up the Marine Bridge project connecting Vivekananda Rock memorial and Ayyan Thiruvalluvar Statue at Kanyakumari by utilizing TNMB's own funds and for collection of user Fee have been accorded vide G.O. Ms. No. 64, Highways & Minor Ports (HM1) Department, dated 27.04.2020.

In this situation, the Govt. of Tamil Nadu have accorded Administrative Sanction to execute the Marine Bridge Project at Kanyakumari by Highways Department, vide G.O. Ms No. 156, Highways & Minor Ports (HM1) Dept., dated 09.12.2020. Accordingly, the Highways Department has prepared another DPR incorporating a new GPS coordinates which is shorter in span and having aesthetically pleasing façade.

The Project Proponent has submitted the difference between the existing (Marine bridge with Maritime Board as Project Proponent) and proposed project (Highways Department as Project Proponent) is given below.

Sl. No.	Variable	Existing (Marine Bridge with Maritime Board as PP)	Proposed (Marine bridge with Highways Dept. as PP)
1	GPS Coordinates	Truss bridge anchors location at Ayyan Thiruvalluvar Memorial Rock Latitude : 8°4'39.365"N, Longitude : 77°33'14.808"E Latitude : 8°4'39.092"N, Longitude : 77°33'14.772"E Truss bridge anchors location at Swami Vivekananda Memorial Rock Latitude : 8°4'38.525"N, Longitude : 77°33'19.913"E Latitude : 8°4'38.798"N, Longitude : 77°33'19.949"E	Truss bridge anchors location at Ayyan Thiruvalluvar Memorial Rock Latitude : 8°4'40.626"N, Longitude : 77°33'14.906"E Latitude : 8°4'40.315"N, Longitude : 77°33'15.000"E Truss bridge anchors location at Swami Vivekananda Memorial Rock Latitude : 8°4'41.556"N, Longitude : 77°33'18.022"E Latitude : 8°4'41.244"N, Longitude : 77°33'18.116"E
2	Span	140.00m	115.00m
3	Width	7.50m	10.00m

Details of Pedestrian bridge

The proposed bridge is a Network Arch type bridge in the obligatory portion and steel composite deck slab in Approach portion on either side. Network arch bridges are one of the suitable type bridge for long spans. The obligatory span of the bridge about 72m (centre to centre of the support). The width of the bridge is 10m (inner to inner). The height of the truss will be generally taken as one sixth of span. The deck slab is supported on longitudinal beams. The longitudinal beams in turn get supports on main transverse beams while transverse beam are supported on bottom chord members. The deck slab of the bridge of reinforced concrete over deck sheeting.

Anchor arrangements

Anchor systems are provided at the two ends of the Network arch bridge and the approach portion bridge. The one end is falling in CRZ-II areas of Ayyan Thiruvalluvar Statue and another one end is falling in CRZ-IA of Swami Vivekananda Rock memorial. The anchor system will transfer the load from the bridge to the rocky strata. The Project Proponent also provided the details of design loads, dead loads, live loads, water current forces, buoyancy forces, seismic force, material specifications, concrete details, etc.,

Total cost of the project and CRZ classification

The total cost of the project is Rs.37.818 crores and the proposed site is falling in CRZ-IA, CRZ-II and CRZ-IVA areas.

Recommendations of the DCZMA

The DCZMA of Kanyakumari district has recommended the project to SCZMA in the meeting held on 01.10.2022

Provisions in the CRZ Notification, 2011

- 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.

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- Para 3(iv), land reclamation, bunding required for the setting up of construction of foreshore facilities like bridges, sealink, road on stilts are permissible activities.
- Para 8(i) I CRZ-I (i) (c), construction of trans harbour sea link and without affecting the tidal flow of water between LTL and HTL and Para 8(i) I CRZ-I (ii) (g), construction of trans harbor sea links, roads on stilts or pillars without affecting the tidal flow of water are permissible activities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Remarks of the Technical Expert Committee

- The clearance between the longitudinal beam and the sea level has to be mentioned.
- The details of maximum number of persons (load bearing capacity) to be allowed at a time over the bridge has to be mentioned.

The proposal is placed before the Authority for taking suitable decision.

Agenda Item No.04 Proposal seeking amendment for the inclusion of the Museum with in the proposed Kalaignar Memorial Pavilion project in the basement of Muthamizh Arignar Dr.Kalaignar Memorial within existing Anna Memorial Campus at Kamarajar Salai, Chennai District by Public Works Department

An application seeking amendment under CRZ Notification on proposed construction of Museum around Kalaignar Memorial Pavilion in the proposed basement of Muthamizh Arignar Dr.Kalaignar Memorial within existing Anna Memorial Campus at Kamarajar Salai, Chennai -600 005 fall under CRZ area, Chennai District.

In this connection, the following details are furnished.

- The DCZMA in the meeting held on 09.12.2021 has recommend for the proposed construction of Muthamizh Arignar Dr.Kalaignar Memorial project (8944.5 SQM) with in the existing Anna Memorial Campus at Kamarajar Salai, Triplicane Village, Chennai- comprising of service area, common facilities, pump room, landscaping, public toilet, gas room, and setback at SF No 3372/1, 3372/2.
- The TNSCZMA has also issued CRZ clearance vide Proc. No:P1/2462/2021 dated:06.01.2022 for the above said proposed project for the construction of Muthamizh Arignar Dr.Kalaignar Memorial (8944.50 sq.m) within existing Anna Memorial Campus at Kamarajar Salai, Chennai -600 005, at T.S.No. 3175 part, 3372/1 part, 3372/2 part, 3376, Block No.69 of Triplicane Village, Chennai district.
- Subsequently, the recommendation for amendment to the existing clearance was recommended to CMDA, vide this office letter No. P1/2462/2021, dated 11.07.2022, for the construction of Open Air Theatre, Landscaped public seating area and wooden fence structure as temporary structure in the 40 cent land adjacent to the existing compound wall in the Anna Memorial Campus.

- Now the Project Proponent has proposed to construct a museum inside the 160 cent area instead of 40 cent area where it had originally proposed. The proposed museum is a RCC permanent structure located to the main memorial pavilion and the area comes around 1978 sqm. The Building is proposed to be constructed partially underground structure. The proposed project description reported by project proponent as follows,

S. No	Project Description	Area (Sq.m)
1.	Curved Museum	1530
2.	Ramp Down to Entrance	448
	Total	1978

- The project site falls under the **CRZ II** and the details are as follows;

Name of the Project in CRZ	CRZ Classification	Built up area
Proposed construction of Museum around Kalaingar Memorial Pavilion in the proposed basement of Muthamizh Arignar Dr.Kalaingar Memorial within the existing Anna Memorial Campus.	CRZ-II	Total area of 1978 Sq.m

- The total cost of the project is Rs.39 crores and the expected additional cost of the project is about Rs.80 lakhs.
- The project proponent has stated that, construction of museum is proposed as a permanent RCC structure located adjacent to the main memorial pavilion with an area of 1978 Sq.m..
- The Project proponent stated that, during Construction Phase, the total water requirement will be 56.0 KLD and that will be met through Metro water tankers.
- Also during Operational Phase the total water requirement will be 18.5 KLD (Fresh water) will be met by Metro water tankers.
- The project proponent has proposed to provide sewage treatment plant of 10 KLD Capacity for the treatment of sewage generated due to domestic activity. The treated water will be used for gardening purpose as reported.

The subject was placed before the DCZMA in its meeting held on 26.10.2022 and the DCZMA has resolved to recommend to the TNSCZMA for the issue of amendment for the construction of museum of area of 1978 Sq.m in Muthamizh Arignar Dr.Kalaignar Memorial project within existing Anna Memorial Campus at Kamarajar Salai, Chennai-5, Block No.69 of Triplicane Village, Chennai District subject to the following conditions

1. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 as amended.
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 para 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011.
3. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
4. Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011. .
5. All the solid waste shall be handled as per the Solid waste Management Rules 2016.
6. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
7. The proponent shall ensure the installation of safety measures for the public and marine eco-system.
8. The proponent shall comply with the Environmental Management Plan during construction and operational phases.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 8(i) II CRZ-II, (i) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures;

- Para 8(i) II CRZ-II, buildings permitted on the landward side of the existing and proposed roads or existing authorised structures shall be subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level. (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).
- Para 8 (i) II CRZ-II, (iii) reconstruction of authorized building to be permitted subject with the existing Floor Space Index or Floor Area Ratio Norms and without change in present use.
- As per the Para 4 (i) (d) of the said Notification, the amendment proposal may be recommended to the concerned local planning Authority viz., CMDA, for issuing Clearance.

Remarks of the Technical Expert Committee

- The Proponent should clarify the proposed depth of basement.
- The details of preventive measures provided for the seepages, flood mitigation, evacuation plan during disaster should be furnished in detail in the Disaster Management Plan.
- The details of maximum number of persons to be allowed at a time at the basement to be mentioned.
- The Proponent should clarify whether STP (Sewage Treatment Plant) is newly proposed or existing one.

The proposal is placed before the Authority for taking suitable decision.

Agenda item No.05 Kudankulam Nuclear Power Project, Anuvijay Township, Chettikulam Village, Radhapuram Taluk, Tirunelveli district by the Site Director, Kudankulam Nuclear Power Project, Kudankulam, Radhapuram Taluk, Tirunelveli district - Clearance requested for the existing construction activities

The DCZMA for Tirunelveli district has forwarded the application received from the Site Director, Kudankulam Nuclear Power Project, Kudankulam, Radhapuram Taluk, Tirunelveli district for the existing construction activities in Anuvijay Township, Chettikulam Village, Radhapuram Taluk, Tirunelveli district.

Background of the project

The Anuvijay Township is the residential colony for the employees of Kudankulam Nuclear Power Project (KKNPP). The infrastructure facility of Anuvijay Township are initiated in the year 2000 and occupied thereon. The Project Proponent stated that the Prime Minister Office (PMO) Govt. of India vide letter dated 19.04.1989 granted exemption of 500m norms under CRZ for KKNPP, with a condition to ensure sufficient safeguards for preserving the ecology of the beach. Further the Project Proponent stated that the township of KKNPP is its integral part as some of the facilities like Off Site Emergency Control Centre, Environmental Survey laboratory etc., are vital part of the approved Radiological Emergency Preparedness Plan.

The Project Proponent has obtained CTO from TNPCB on 20/04/2005 and subsequently renewed till 31.08.2018. Further, the Environmental Clearance from SEIAA was obtained on 05.10.2016, for the construction of additional residential and public buildings in Anuvijay Township. The Project Proponent has applied renewal of CTO on 28.01.2022 and the same has been returned by the TNPCB and directed to apply for CRZ Clearance, after conducting the meeting with Project Proponent on 19.04.2022.

2) Based on the directions, the KKNPP is applied for CRZ Clearance for the following existing projects.

Sl. No.	Survey Nos.	Activity	CRZ Classification	Year of construction
1	Sea Area	Sea water Intake head and pipelines (2 Nos.) for Desalination Plant (dia315 NB HDPE Pipe - Length Line1 - 593.71m, Line2-598.20m)	CRZ-IVA	2002
2	Sea Area	Sea water Intake head and pipelines (2 Nos.) for Desalination Plant (dia315 NB HDPE Pipe - Length Line1 - 49.10m, Line2-80.35m)	CRZ-IVB	2002
3	576pt, 573pt, 575pt, 574pt	Sea water Intake Head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1- 223.20m, Line2-232.13m)	CRZ-III (NDZ)	2002
4	580pt, 582pt, 583pt, 576pt	Sea water Intake Head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1- 410.69m, Line410.69m)	CRZ-III (200M to 500M)	2002
5	Sea Area	Sea water Intake head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1-22.32m, Line2-26.78m)	CRZ-IB	2002
6	Sea Area	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-419.62m, Line2-419.62m)	CRZ-IVA	2002
7	588pt, 574pt	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-32.25m, Line2-26.78m)	CRZ-IVB	2002
8	576pt, 575pt, 587pt, 588pt	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-183.02m, Line2-196.42m)	CRZ-III (NDZ)	2002
9	580pt, 582pt, 583pt, 576pt	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-316.94m, Line2-325.87m)	CRZ-III (200M to 500M)	2002

Sl. No.	Survey Nos.	Activity	CRZ Classification	Year of construction
10	574pt, 588pt	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-75.89m, Line2-84.82m)	CRZ-IB	2002
11	576pt	Seawater Pump House	CRZ-III (200M to 500M)	2002
12	57pt, 58pt, 564pt	Sewage Lifting Station-2	CRZ-III (NDZ)	2002
13	566pt	Seismic Station	CRZ-III (200M to 500M)	2005
14	565pt	Maintenance Office from RO Plant	CRZ-III (200M to 500M)	2005
15	561pt, 552pt, 548pt, 563pt, 562pt, 549pt, 547pt	Garden / greenbelt area	CRZ-III (200M to 500M)	2002
16	499pt	Vermiculture area	CRZ-III (200M to 500M)	2008
17	565pt	Tank for the storage of Seawater (Tank-1)	CRZ-III (200M to 500M)	2002
18	565pt, 580pt, 564pt	Tank for the storage of RO reject (Tank-2)	CRZ-III (200M to 500M)	2002
19	564pt	Tank for Sea water inlet (Tank-3)	CRZ-III (200M to 500M)	2002
20	565pt, 562pt	Part of the Desalination Plant	CRZ-III (200M to 500M)	2002
21	562pt	Part of the Product Water Tank	CRZ-III (200M to 500M)	2002
22	548pt, 549pt, 544pt, 543pt, 533pt, 529pt, 530pt	Play area of the School	CRZ-III (200M to 500M)	2003
23	529pt, 530pt	Part of the School Building	CRZ-III (200M to 500M)	2003
24	532pt,	Part of the Overhead Tank-3	CRZ-III (200M to 500M)	2009

Sl. No.	Survey Nos.	Activity	CRZ Classification	Year of construction
25	544pt	Part of the Club house & Swimming Pool (Boundary Wall)	CRZ-III (200M to 500M)	2003
26	548 pt, 547pt	Part of the Sagar Milan Guest House	CRZ-III (200M to 500M)	2003
27	530pt, 532pt	Part of the Extension School building	CRZ-III (200M to 500M)	2018
28	544pt, 529pt	Part of the New Sports complex	CRZ-III (200M to 500M)	2019

Recommendations of the DCZMA

The DCZMA for Tirunelveli district has recommended the proposal to SCZMA in the meeting held on 28.06.2022.

Total cost and CRZ Classification of the project

Total cost of the project is Rs.153.18 crores and the sites are falling in CRZ-IB, CRZ-III(A) (0-200m), CRZ-III (B) (200-500m), CRZ-IVA and CRZ-IVB.

Facilities for treatment or disposal of solid wastes / liquid effluents

Sewage generated of 888 KLD is being treated in existing STP of 1830 KLD capacity. The treated sewage (844 KLD) is being reused for green belt development. Biodegradable wastes are treated through vermicomposting. Non-biodegradable waste is being disposed through authorized recyclers.

Water expected source & competing users

Total fresh water demand: 1022 KLD and the treated sewage is 844 KLD reused for gardening and green belt development. The fresh water sourced from Desalination Plant.

Provisions as per CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities;
- Vide Para 8(i) III CRZ-III (iii), (h) Foreshore facilities for desalination plants and associated facilities are permissible.

- Vide Para 8 (i) III CRZ-III (B) (i) (i) development of vacant plot in designated areas for construction of hotels or beach resorts for tourists or visitors subject to the conditions as specified in the guidelines at Annexure-III ;
- Vide Para 4 (ii) (b) construction activities relating to projects of Department of Atomic Energy or Defence requirements for which foreshore facilities are essential such as, slipways, jetties, wharves, quays; except for classified operational component of defence projects and vide Para 4 (ii) (h), facilities for desalination plant is permissible and shall require clearance from MoEF & CC, GoI.
- The Proponent has requested clearance for the existing constructed project. As per CRZ Notification, 2011, no facility for the issuing post facto clearance. However, the MoEF & CC, GoI issued Office Memorandum (OM) on 19.02.2021 for the procedure for dealing with violations arising due to not obtaining a prior CRZ Clearance for permissible activities. But the Hon'ble Madurai Bench of Madras High Court has issued stay for implementation of the OM of GoI, in W.P. (MD) No. 8866 of 2021 on 13.04.2021. Hence, the OM was not implemented by the State.

Letter from Prime Minister's office

The Project Proponent has enclosed the letter of JS to PM, PM's Office, dated 19.04.1989. In the letter it has been stated that the PM has approved that an exemption of the 500m norms may be allowed specially for the Kundankulam Project subject to the MoEF prescribing and ensuring sufficient safeguards for preserving the ecology of the beach (copy enclosed).

Remarks of the Technical Expert Committee (TEC)

- The TEC has observed that the proposal is for the already constructed existing activities.
- The Proponent should clarify, whether the activities are permissible as per the CRZ Notification, 1991 for items No.1 to 26 and for items No.27 & 28 as per CRZ Notification, 2011.

The proposal is placed before the Authority for taking suitable decision.

Agenda item No.06 Any other subject with the permission of the Chair

Sd./- xxxx

**Thiru Deepak S. Bilgi, I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment &
Climate Change, Chennai - 15.**

**MINUTES OF THE 119th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 12.12.2022**

The Chairperson welcomed the members of SCZMA, for the 119th meeting of the SCZMA.

Agenda Item No.01: Confirmation of the communication of minutes of the 118th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 14.10.2022

The minutes of the 118th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 14.10.2022 communicated to the Members of the Authority in letter No. P1/1950/2021 dated 14.11.2022 of the Director of Environment & Climate change, was confirmed.

Agenda Item No.02: The action taken on the decisions of 118th meeting of the Authority held on 14.10.2022

The Member Secretary briefed the Members about the action being taken by the Department of Environment on the decisions made during the 118th meeting held on 14.10.2022, which was noted down by the members.

Agenda Item No.03 Proposed construction of Marine Bridge connecting Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue at Kanyakumari by the Divisional Engineer, Highways Department, Nagercoil

Project Cost: Rs.37.818 crore

CRZ Classification : CRZ-IA, CRZ-II and CRZ-IVA areas

The SCZMA has examined the recommendation of the DCZMA of Kanyakumari district in the meeting held on 01.10.2022 and existing clearance issued by the SCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee, during their presentation.

Provisions in the CRZ Notification, 2011

- As per the CRZ Notification, 2011 Para 4 (i)(a), Clearance shall be given for any activity within the CRZ, if it requires waterfront and foreshore facilities.
- Para 3(iv), land reclamation, bunding required for the setting up of construction of foreshore facilities like bridges, sealink, road on stilts are permissible activities.
- Para 8(i) I CRZ-I (i) (c), construction of trans harbour sea link without affecting the tidal flow of water between LTL and HTL and Para 8(i) I CRZ-I (ii) (g), construction of trans harbor sea links, roads on stilts or pillars without affecting the tidal flow of water are permissible activities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the entire project activities to SEIAA, with the following conditions.

- 1) No blasting should be carried out. As suggested only drilling activities can be used for anchoring the bridge on the rock portions.
- 2) The Proponent should take into account the cyclonic wind speeds including super cyclones while designing the bridge.
- 3) The Proponent shall also ensure that marine ecosystem is undisturbed.
- 4) The Proponent shall ensure the installation of safety measures for the public.
- 5) The construction of bridge should not affect the aesthetic aspects of Thiruvalluvar Statue and Vivekananda Rock site.
- 6) All the solid waste shall be handled as per the Solid waste Management Rules 2016.
- 7) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- 8) The temporary structures should be removed immediately after completion of construction activities.

- 9) The proponent shall comply with the Environmental Management Plan during construction and operational phases.

Agenda Item No.04 : Proposal seeking amendment for the inclusion of the Museum with in the proposed Kalaignar Memorial Pavilion project in the basement of Muthamizh Arignar Dr.Kalaignar Memorial within existing Anna Memorial Campus at Kamarajar Salai, Chennai District by Public Works Department

CRZ Classification : CRZ-II

The SCZMA has examined the recommendation of the DCZMA of Chennai district in the meeting held on 26.10.2022 and the replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA and conditions mentioned by the SCZMA in the earlier clearance. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee, during their presentation.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 8(i) II CRZ-II, (i) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures;
- Para 8(i) II CRZ-II, buildings permitted on the landward side of the existing and proposed roads or existing authorised structures shall be subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level. (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).
- Para 8 (i) II CRZ-II, (iii) reconstruction of authorized building to be permitted subject to the existing Floor Space Index or Floor Area Ratio Norms and without change in present use.

- As per the Para 4(i)(d) of the said Notification, the amendment proposal may be recommended to the concerned local planning Authority viz., CMDA, for issuing Clearance.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the entire project activities to Chennai Metropolitan Development Authority, with the following conditions.

- 1) The entry level of the museum should be kept at such a height, so as to prevent the entry of flood water into the basement.
- 2) Diaphragm wall has to be provided and all the protective measures to be taken to avoid seepage of water.
- 3) The Authority suggested that the Proponent may study similar designs in place at other areas before proceeding with the construction.
- 4) The following conditions imposed by the DCZMA should also be followed.
 - 1) The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 as amended.
 - 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 Para 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011.
 - 3) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
 - 4) Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011. .
 - 5) All the solid waste shall be handled as per the Solid waste Management Rules 2016.
 - 6) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
 - 7) The proponent shall ensure the installation of safety measures for the public.
 - 8) The proponent shall comply with the Environmental Management Plan during construction and operational phases.

Agenda Item No.05 Kudankulam Nuclear Power Project, Anuvijay Township, Chettikulam Village, Radhapuram Taluk, Tirunelveli district by the Site Director, Kudankulam Nuclear Power Project, Kudankulam, Radhapuram Taluk, Tirunelveli district - Clearance requested for the existing construction activities

Project Cost Rs.153.18crores

The SCZMA has examined the recommendation of the DCZMA of Tirunelveli district in the meeting held on 28.06.2022 and reply submitted by the Project Proponent to the remarks of the Technical Expert Committee.

Provisions as per CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities;
- Vide Para 8(i) III CRZ-III (iii),(h) Foreshore facilities for desalination plants and associated facilities are permissible.
- Vide Para 8 (i) III CRZ-III (B) (i) (i) development of vacant plot in designated areas for construction of hotels or beach resorts for tourists or visitors subject to the conditions as specified in the guidelines at Annexure-III;
- Vide Para 4 (ii) (b) construction activities relating to projects of Department of Atomic Energy or Defence requirements for which foreshore facilities are essential such as, slipways, jetties, wharves, quays; except for classified operational component of defence projects and vide Para 4 (ii) (h), facilities for desalination plant is permissible and shall require clearance from MoEF& CC, GoI.

Observations of TNSCZMA

The Proponent has requested clearance for the existing / already constructed project. As per CRZ Notification, 2011, there is no provision for issuing post facto clearance. However, the MoEF& CC, GoI issued Office Memorandum (OM) on 19.02.2021 for the procedure for dealing with violations arising due to not obtaining a prior CRZ Clearance for permissible activities. But the Hon'ble Madurai Bench of Madras High Court has issued stay for implementation of the OM of GoI, in W.P. (MD) No. 8866 of 2021 on 13.04.2021. Hence, operation of OM is under stay. The Authority has also observed the facts submitted by the Proponent justifying exemption claimed based on PM's Office letter dated 19.04.1989, w.r.to Nuclear Power Project at Kudankulam.

The Authority also scrutinized the permissible activities as per the CRZ Notification, 1991 and CRZ Notification, 2011.

Sl. No.	Activity	CRZ Classification	Year of construction	Permissible As per CRZ Notification, 1991
1	Sea water Intake head and pipelines (2 Nos.) for Desalination Plant (dia315 NB HDPE Pipe - Length Line1 - 593.71m, Line2-598.20m)	CRZ-IVA	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
2	Sea water Intake head and pipelines (2 Nos.) for Desalination Plant (dia315 NB HDPE Pipe - Length Line1 - 49.10m, Line2-80.35m)	CRZ-IVB	2002	Same as above
3	Sea water Intake Head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1-223.20m, Line2-232.13m)	CRZ-III (NDZ)	2002	Same as above
4	Sea water Intake Head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1-410.69m, Line410.69m)	CRZ-III (200M to 500M)	2002	Same as above
5	Sea water Intake head and Pipelines (2 Nos.) for Desalination Plant (dia 315NB HDPE Pipe Length Line1-22.32m, Line2-26.78m)	CRZ-IB	2002	Same as above
6	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-419.62m, Line2-419.62m)	CRZ-IVA	2002	Same as above
7	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-32.25m, Line2-26.78m)	CRZ-IVB	2002	Same as above
8	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-183.02m, Line2-196.42m)	CRZ-III (NDZ)	2002	Same as above
9	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-316.94m, Line2-325.87m)	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
10	Desalination Plant RO reject Pipelines (2 Nos.) (dia 200NB HDPE Pipe Length Line1-75.89m, Line2-84.82m)	CRZ-IB	2002	Same as above
11	Seawater Pump House	CRZ-III (200M to 500M)	2002	Same as above

12	Sewage Lifting Station-2	CRZ-III (NDZ)	2002	Same as above
13	Seismic Station	CRZ-III (200M to 500M)	2005	No provisions mentioned
14	Maintenance Office for RO Plant	CRZ-III (200M to 500M)	2005	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
15	Garden / greenbelt area	CRZ-III (200M to 500M)	2002	Para 6 (2) CRZ- III (i)
16	Vermiculture area	CRZ-III (200M to 500M)	2008	Same as above
17	Tank for the storage of Seawater (Tank-1)	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
18	Tank for the storage of RO reject (Tank-2)	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
19	Tank for Sea water inlet (Tank-3)	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
20	Part of the Desalination Plant	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
21	Part of the Product Water Tank	CRZ-III (200M to 500M)	2002	Para 2 (xii) Para 3(1) Para 3 (2) (iii)
22	Play area of the School	CRZ-III (200M to 500M)	2003	Para 6 (2) CRZ- III (i)
23	Part of the School Building	CRZ-III (200M to 500M)	2003	No provisions mentioned
24	Part of the Overhead Tank-3	CRZ-III (200M to 500M)	2009	Para 2 (xii) Para 3(1) Para 3 (2) (iii) (permissible if it is only used for Desalination Plant)
25	Part of the Club house & Swimming Pool (Boundary Wall)	CRZ-III (200M to 500M)	2003	Para 6 (2) CRZ- III (i)
26	Part of the Sagar Milan Guest House	CRZ-III (200M to 500M)	2003	Para 6 (2) CRZ- III (ii)

Sl. No	Activity	CRZ Classification	Year of construction	Permissible as per CRZ Notification, 2011
27	Part of the Extension School building	CRZ-III (200M to 500M)	2018	Para 3(i)(b) Para 8 III CRZ-III B (viii) (permissible, if no other area is available)
28	Part of the New Sports complex	CRZ-III (200M to 500M)	2019	Para 3(i) (b) Para 8 III CRZ-III A (iii) (a) (at NDZ areas)

Decision / Remarks of TNSCZMA

The Office Memorandum dated 26.04.2022 (Procedure for clearance of permissible activities as per the CRZ Notification, 2011), Para 4 mentioned "In case, the CZMA desires to consider an activity which is not explicitly mentioned in the Notification (CRZ Notification, 2011) or not permissible, such recommendations shall be forwarded with detailed justification to the Ministry for consideration.

Hence considering the above position, the Authority decided to forward the proposal to MoEF& CC, GoI.

Sd/-xxx
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Sd/-xxx
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